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PEOPLESOFT ENTERPRISE

An Oracle White Paper
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Oracle's PeopleSoft Financial Management - Our Strategy for a Global Solution

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Overview: Drive Toward Globalization

Thomas L. Friedman, the Pulitzer Prize-winning foreign affairs columnist for *The New York Times,* defines the era of globalization as "the inexorable integration of markets, nation-states, and technologies to a degree never witnessed before – in a way that is enabling individuals, corporations and nation-states to reach around the world farther, faster, deeper and cheaper than ever before, and in a way that is enabling the world to reach into individuals, corporations and nation-states farther, faster, deeper, cheaper than ever before" (*The Lexus and the Olive Tree,* Anchor / Random House, 2000).

In *The Lexus and the Olive Tree,* Thomas Friedman argues that the dramatic fall in costs of new information technologies, such as satellites and Internet infrastructure, has enabled companies to expand their global reach more quickly and cost effectively. Technology is a key driver in globalization and source of competitive advantage. Technological advances have made possible global e-business initiatives, where businesses can connect to their customers and suppliers anywhere in the world, at any time. The ability to stay connected to customers, suppliers, and employees is enabling more companies to move operations to lower-cost areas of the world. Moreover, as key customers move into global markets, it is likely that their suppliers will establish a presence there, too. Finally, enterprises with a mergers and acquisitions strategy are likely to find themselves operating in new countries as well.

Although globalization might have seemed to be an Orwellian principle in the past, technology has proven to be the key driver. Enterprises that want to succeed in the global marketplace require truly global platforms to support their business goals. PeopleSoft enables customers to stay competitive and achieve success in markets around the world.

Oracle's PeopleSoft Worldwide

With many thousands of employees dedicated to international operations, offices around the world, and hundreds of global customers, Oracle's PeopleSoft is a truly global player in the global software marketplace. Oracle is committed under its Applications Unlimited policy to continual improvement and development of its PeopleSoft products. PeopleSoft offers a remarkable set of solutions that supports the operations of companies worldwide—enabling our customers to compete in a global environment, whether they operate in one or one hundred countries.

Our customer base is indicative of the value of our applications in a global economy, and it is proof of PeopleSoft's commitment to, and support for, the global marketplace.

This paper discusses the PeopleSoft global strategy, reviews key global functionality provided in PeopleSoft products, and presents—by region—a list of significant features developed for specific countries (see Appendix for a detailed explanation of features by region).

PeopleSoft Strategy: A Single Global Product

PeopleSoft Financial Management Solutions are built on a global platform that supports the architecture, languages, currencies, accounting, statutory compliance, and reporting capabilities that enterprises require to compete in the world economy today. *Globalization* is an umbrella term PeopleSoft uses for the country-specific features, technical architecture, and enabling functionality provided through the power of PeopleTools. Globalization can mean multiple methods of deployment, but the goal of globalization is to deliver solutions to customers, suppliers, and employees across geographical boundaries without risk of losing or sacrificing information or security. PeopleSoft also provides localized functionality in our Financial Management Solutions that is specific to customers' geographic needs.

Central to PeopleSoft product strategy is the delivery of one single global product that encompasses the requirements and languages of the world's largest economies. When PeopleSoft originally designed our architecture and applications with a global market in mind, we reviewed the financial practices of the major economies of the world; we analyzed the features and derived the commonalities to form the basis of our products.

When we started to design and build these products, we built in flexibility that is capable of handling both exceptions and rules common to the way global businesses work. We created a configurable product that is more data-driven and less code-driven, which has helped our customers tailor their individual business solutions, both globally and locally.

"Designing in" commonality provides a foundation on which to base our business applications, allowing us to incorporate global best practices that enable our customers to meet their diverse global business requirements.
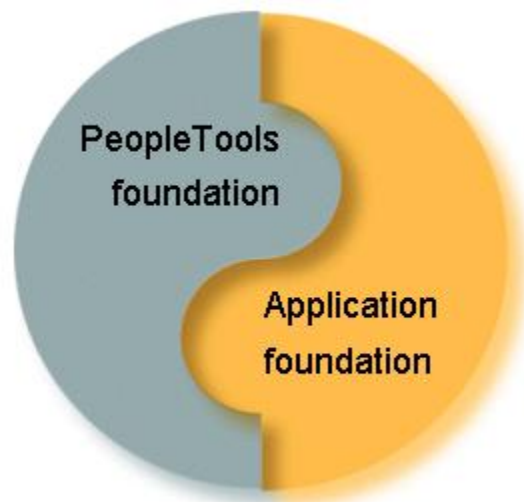
PeopleTools is part of the application foundation.

PeopleTools Foundation

PeopleSoft applications are functionally equipped for implementation in global enterprises. Country-specific application business logic is not enough to make applications globally ready. The technology behind PeopleSoft applications—PeopleTools—provides the core global abilities that are common to all our application products. Advanced abilities designed for global enterprises, such as providing support for multiple languages in a single database, formatting data following standards that users expect based on their language and country, and dealing with the complexities of a system spanning multiple time zones. PeopleTools is designed so that a single installation can serve users in different regions: supporting users who share the same data while operating in different languages and applying different date/time and numeric formatting conventions.

Deployment Strategies

The following examples represent the majority of global deployments. According to Meta Group, customers typically consider several points when deciding on a global strategy:

Local vs. Global Operations

If a customer operates locally, they typically have decentralized processes and business unit independence; if they are operating as a global enterprise, they typically have a high degree of interdependency among business units.

Multilingual vs. Single Language

Customers must decide between having a single language user interface and supporting multiple local languages.

### Centralized vs. Regional Strategy

The key trend is enabling a global view of customers and suppliers. A centralized strategy with a single global implementation involves stronger controls and a higher degree of standardization. A regional multisite deployment strategy honors local autonomy and has fewer centrally enforced controls.

Multisite Deployment Model

Single, global implementation
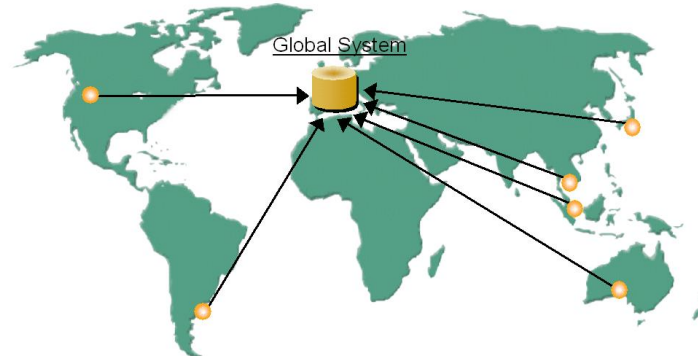
Single, Global Implementation Deployment Model

PeopleTools functionality provides the base of the strength of PeopleSoft's global platform. Examples of differentiators in our base architecture include:

- Universal access - Built on Pure Internet Architecture, PeopleSoft Financial Management Solutions provide global visibility for every employee, anytime, anywhere. Universal access enables anyone with the right permissions to access information from a web browser in his or her preferred language.

- Enabling technologies - A key enabling technology for global enterprises is Global Time Support. PeopleSoft stores time information in only one time zone where the database server operates. This is particularly important for such things as matching, shipping cutoff times, and revenue recognition. A Time Zone Control field enables users to enter and display date and time information to match their local operations. A time value can be displayed in three ways:

    1. As a database time (server machine time zone)

    2. As a user's local time (client browser time zone)

    3. As a specified time (that is, a transaction-specific time zone)

- Standards compliance - PeopleTools supports a wide range of national and international standards relating to the storage and representation of international characters and code values to ensure the utmost level of compatibility across national boundaries. Some of the key global standards we support are:

  - ISO/IEC 10646/Unicode. PeopleTools fully supports the Unicode standard, whose character repertoire is synchronized with ISO/IEC 10646. All components of PeopleTools and our applications support Unicode, enabling organizations to store and process any combination of languages in a single database.

  - ISO 4217 (currency codes) and ISO 3166-1 (country codes). These and values from several other international standards are provided preloaded in all PeopleSoft applications to ensure a consistent representation of critical international data and to ease integration with external systems.

- GB18030. The Guangzhou Bouzin (GB) 18030 standard is a requirement of the People's Republic of China relating to representation of Chinese characters in computer systems, and it has been a legal requirement for software sold in PR China since 2001. PeopleTools provides full input and output support for data encoded in GB18030 when running on a Unicode database.

- JIS X 0221, TIS 620, KSX 5601, ISO 8859, GB2312, and so on. PeopleTools support data exchange, including file input and output in more than 70 character sets, including many national and international standards published by organizations such as JIS (Japan), KSX (Korea), TIS (Thailand), and GB (PR China).

Application Foundation

The application foundation complements the PeopleTools technology foundation by providing the associated country templates, business processes, and best practices that are supported by our global foundations functionality.

Benefits

Our global vision has really paid off. It allows our customers to compete effectively in the global environment. Some of the benefits of PeopleSoft's single product approach are as follow:

Achieve True Global Visibility for Smarter, Faster Decision-Making

It is possible to implement PeopleSoft products for multiple countries within a single database; in fact, an increasing number of our customers are implementing global single database models to support their global operations 24 hours a day/7 days a week around the world! This gives them visibility over all of their financial data and provides "one version of the truth."

Lower Your Total Cost of Ownership

Lower your Total Cost of Ownership (TCO) by eliminating multiple code lines and the costly implementation, maintenance, and training associated with them. Because the product code is located on a centralized database, organizations are not required to deploy multiple support teams to change duplicate code, upgrades are performed, and changes are made once, on the global database, thereby significantly reducing internal support costs.

Leverage Harmonized Business and Accounting Practices and Systems

Our single-product approach provides a flexible foundation for supporting global business processes: because major economy business processes are included in the core products, these enable businesses to support global operations without having to customize. PeopleSoft is in full compliance with the main mandates used, such as IFRS standards and SOX. We provide functionality to automate the more intensive international accounting standards and requirements. Our delivered applications incorporate certified best practices (Hackett Group).

Lower the Cost of Deployment

If an enterprise wants to roll out PeopleSoft in a country not specifically targeted by our global product, the amount of localization is greatly reduced (estimated at approximately 10 percent) because of the existing rich foundation of our products. (For further details, see Local requirements.)

The Global Foundation

PeopleSoft's global business architecture enables customers to harmonize their business and accounting practices around the globe while at the same time complying with local and statutory requirements. Local and statutory requirements are driven by a number of factors: culture, politics, and law on one end of the spectrum, and theory, practice and model on the other. For example, country-specific legislation and regulations primarily drive HR application requirements, making it difficult to design generic functionality for multiple countries. Supply Chain applications, on the other hand, are based primarily on engineering practices and models that are country neutral. Financial management applications fall between being grounded in accounting theory and models on one hand and adherence to country-specific tax and trade laws on the other.

As a large number of financial management activities can be standardized across countries, PeopleSoft uses highly industrialized countries or trade regions as a proxy model for generic global best practices. These countries are trendsetters for global business processes and practices and represent more than 75 percent of the world's commercial activity: Australia, Belgium, Brazil, Canada, France, Germany, Italy, Japan, Mexico, The Netherlands, Spain, the United Kingdom (UK), and the United States (US). The cumulative needs of these proxy countries address 90 percent of global business requirements. By leveraging common features and functionality worldwide, customers benefit from easier upgrades, maintenance, deployment, and training.

Accounting Models - Anglo-Saxon and Latin Approaches

Comparative international accounting studies show that virtually all accounting systems used in the world today stem from one of two models, either the Anglo-Saxon or the Latin model. PeopleSoft has designed a global foundation that is equally adept at both models.

Anglo-Saxon Approach - Economic Perspective

The Anglo-Saxon model has its roots in the common law of the UK and is practiced by countries in the old British Empire. This approach is pragmatic and business friendly. It is characterized as *laissez-faire* with professional oversight done by standards bodies. The Anglo-Saxon model relies on "fair and consistent" guidelines rather than enforceable laws. Representative countries or trade groups that adhere to this approach are the UK, North America, ASEAN, Australia, Middle East, and South Africa.

Latin Approach - Patrimonial Perspective

The Latin model has its historic roots in the Napoleonic code of France and is practiced by Latin countries in Europe and their former colonies. This approach is characterized by governmental, taxation and legal requirements. Government oversight and accounting rules have the force of law. The Latin model is a template approach that defines detailed accounting measurement and reporting rules. Representative countries or trade groups that adhere to this approach are Continental Europe, Latin America, North Asia, and developing nations.

PeopleSoft's global foundation includes Global Best Practices that support the majority of business requirements and functionality worldwide and includes:

- Multi-entity

- Multi-book

- Multi-GAAP

- Multicurrency

- Multi-language

- Inter/Intraunit accounting

- Multi-levels revaluation

- Global sales and use tax

- Global VAT engine

- Global withholding engine

- Debit/Credit visibility

- Multi-level document sequencing

- Multi-payment methods

- Global depreciation methods

- Banking/accounting calendar processing

- Fiscal and statutory reporting

International Financial Reporting Standards (IFRS) - Convergence to a Unique Standard

International accounting standards have been continuously defined since the early 70's with many countries now participating in the regulatory bodies. In June 2002, authorities of the European Union announced the mandatory obligation for listed companies to publish financial statements using IFRS. The announcement put IFRS compliance under the spotlight and in the forefront of the concerns of global business.

The foundation of IFRS largely originates from US GAAP while combining both principles and measurement requirements from the Latin accounting model. Therefore, IFRS is not a revolution in accounting but more a new obligation to publish financial reports from the perspective of investors.

The biggest effect is a significant increase of supporting information in the Financial Report notes. Besides the known issue of Financial Instruments booking (IAS39/32), other system effects will vary from enterprise to enterprise given their current accounting/disclosure practices.

Many features included within the standard functionality of the PeopleSoft global foundation, previously listed, help to facilitate compliance with IFRS. PeopleSoft gives customers greater flexibility in the approach to international accounting standards by using and combining our advanced global features.

In addition, the PeopleSoft Chart of Accounts capabilities provides a variety of tools to enable and book IFRS transactions:

- Multi-Ledgers/books approach

- Multi-GAAP single ledger approach

- ChartFields approach (alternate account)

- Combination of all those features

PeopleSoft Financial Management applications provide the best architecture for:

- Evaluating IFRS valuation (Fair Value) effects.

- Booking multiple GAAP in parallel or deferred mode (adjustments).

- Consolidating and reporting in multi-GAAP.

Looking forward, PeopleSoft will continue to improve the automation of some of the more complex IFRS adjustments and is constantly reviewing and anticipating future standards by working closely with regulators, auditors, and global corporations.

Local/Global Requirements

Through the development of strong global foundations, the cost of deployment around the globe is low:

Core Global Functionality
- Multi-entity
- Multi-book
- Multi-GAAP
- Multi-currency
- Multi-language
- Inter/Intra unit accounting
- Revaluation
- Global sales & use tax
- Global VAT engine
- Global withholding
- Document sequencing
- Payment processes
- Depreciation methods
- Bank Holiday Processing

10% Local Customization

90% Core Global Functionality

Local Customization
- Application is data oriented
- Examples of easily localized functions:
  - Statutory reporting
  - VAT reporting
  - Payment formats
  - Country configuration

PeopleSoft has developed most of the global capabilities as part of the core functionality (90%); whereas, specific local requirements make up only 10%.

Local requirements can be added on top of the global foundation in two ways:

1. **By the PeopleSoft Development Team:** The PeopleSoft Product Strategy team reviews business trends worldwide and assesses the needs of our international, multinational and global customers in order to identify local requirements to be added in PeopleSoft applications. To take full advantage of in-country expertise and knowledge of local business practices, our development and strategy team members are strategically located in multiple locations, including North America, Europe, Latin America, and the Asia/Pacific region. With this organizational structure, we can take full advantage of in-country expertise and knowledge of local business practices; and continue to maximize global functionality in our products. We stay in close touch with specialists in local markets, to ensure that the local requirements that are added to the core product meet the needs of those markets. These requirements then become part of the PeopleSoft core product.

2. **By PeopleTools – the Application Development and Customization Toolset**
   PeopleTools makes it possible to tailor our applications to local requirements. Examples of easily localized functions are shown in the above diagram. They include: statutory reporting formats, value added tax (VAT) and Intrastat reporting, electronic funds transfer (EFT) formats, and implementation of a mandated chart of accounts, for example the French *Plan*

Comptable Général. The local part of the application is data oriented rather than code oriented, making customization easy, economical, and fast when using PeopleTools.

PeopleSoft products are used in the following 140 countries:

Angola	Tchad	Gambia	Kuwait	Nigeria	St Lucia
Argentina*	Chile	Georgia	Laos	Norway	Sudan
Australia	PR China	**Germany**	Latvia	Oman	Suriname
Austria	Colombia	Ghana	Liberia	Pakistán	Sweden
Azerbaijan	Congo	Gibraltar	Lithuania	Panama	**Switzerland**
Bahrain	Costa Rica	Greece	**Luxembourg**	Paraguay	Taiwan
Bangladesh	Ivory Coast	Guadeloupe	Macau	Peru	Tanzania
Barbados	Croatia	Guatemala	Madagascar	Philippines	Thailand
Belgium	Czech Republic*	Guinea	Malaysia	Poland	Togo
Belize	Democratic Congo	Guyana	Maldives	Portugal	Trinidad and Tobago
Benin	Denmark	Haiti	Mali	Puerto Rica	Tunisia
Bermuda	Djibouti	Honduras	Martinique	Qatar	Turkey
Bhutan	Dominican Republic	Hong Kong	Mauritania	Ireland	Turkmenistan
Bolivia	Ecuador	Hungary	Mexico	Russia	Ukraine
Botswana	Egypt	**India**	Morocco	Saudi Arabia	UAE
Brazil*	El Salvador	Indonesia	Mozambique	Senegal	**United Kingdom**
Brunei	Eritrea	Iran	Myanmar	Sierra Leone	Uruguay
Burkina Faso	Estonia	Iraq	Namibia	Singapore	**USA**
Cambodia	Ethiopia	**Italy**	Nepal	Slovenia	Uzbekistan
Cameroon	Fiji	**Japan**	**The Netherlands**	South Africa	Venezuela
Canada	Finland	Jordon	New Zealand	South Korea	Vietnam
Cape Verde	**France**	Kazakhstan	Nicaragua	**Spain**	Yemen
Central African Rep.	Gabon	Kenya	Niger	Sri Lanka	Zambia

The countries in bold type in the preceding table are countries to which PeopleSoft has committed to meeting statutory requirements. For those countries, local requirements to support legal transaction processing and reporting have been included in the PeopleSoft core global product. Over the years, we have been adding countries to this list.

* Exceptions to the Single Product Worldwide Rule: Argentina and Brazil have specific and complex requirements (for example, Argentina has a complex tax system). Because of this complexity and the time-to-market issues that they raise, plus PeopleSoft's commitment to serving the needs of its global customers in the countries where they operate, PeopleSoft has developed a local product for each country. These local products have been enhanced exclusively for single-country markets and run in a separate database instance. Upgraded 9.1 versions of those two derivative products are available

for upgrade or new implementations. For Czech Republic, the localization and the Czech translation have been performed by a partner, IBM.

What Are Best Practices?

A best practice is a proven process that delivers measurable improvements in efficiency and effectiveness. Drawing upon benchmark data from the Hackett Group has allowed us to identify five principal criteria that define a best practice:

1. Drives a measurable change in performance.

2. Is proven in practice.

3. Applies to a broad spectrum of organizations.

4. Exploits proven technologies.

5. Ensures effective control and risk management.

While technology alone cannot deliver world-class performance, enterprise software can be a key enabler of improved performance when combined with process and organizational improvements. Answerthink conducted a study of PeopleSoft's support for Hackett-certified best practices by analyzing software functionality against the Hackett Group's renowned database of empirically defined best practices.

Key benchmarks in finance demonstrate that world-class organizations have found ways to work smarter and be more productive than their competitors. To do this, they rely on the following five best-practice strategies:

1. Simplification of finance processes.

2. Automation of routine or repetitive tasks.

3. Consolidation of redundant resources.

4. Standardization of data and processes.

5. Strategic alignment of finance activities with overall corporate goals.

The study concluded that PeopleSoft-delivered functionality supports best practices across all areas.

Summary

PeopleSoft delivers a single global solution that can be implemented in multiple locations and countries around the world, in multiple languages and currencies, using the best practice business functionality needed to manage global operations.

PeopleSoft Financial Management Global Functionality

Multi-Entity

Many global corporations and financial institutions have to deal with complex structures for entities, segment reporting, or both. Therefore, the financial systems of these organizations must have the ability to visually represent and maintain complex organizations in order to have the functionality to consolidate and report financial information efficiently.
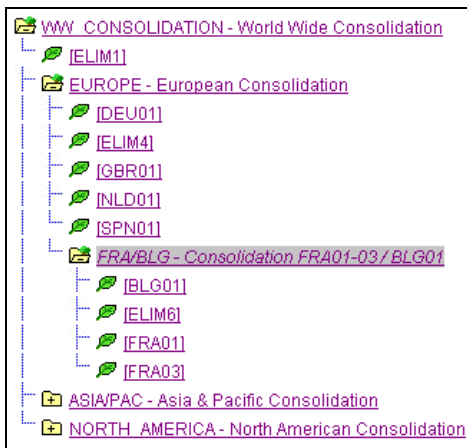
PeopleSoft Tree Manager enables users to create multiple structures that readily evolve with changes in the organization. For example, the structures defined in these trees can be used in financial engines, such as consolidation, closing, reporting tools, both online and offline, and so on.

Multi-Book and Multi-GAAP

Generally accepted accounting principles (GAAP), as defined in a location or jurisdiction, often vary from country to country or by self-governing accounting bodies and jurisdictions. Consequently, organizations must often record and report their operations according to local accounting requirements as well as by rules applicable to parent corporations that are often under the rules of another national jurisdiction.

PeopleSoft provides the ability to maintain separate ledgers and Ledger groups for accommodating different accounting principles, recording transactions under varying statutory rules using Alternate Account, and using Multi-Book in PeopleSoft General Ledger and its subsystems for its automatic synchronization capabilities. Manually entering separate entries for a transaction in a local ledger of a ledger group is viewed as less than optimal; PeopleSoft supports simultaneous generation in one business unit and ledger for all relevant accounting entries for a transaction that addresses differing local and corporate accounting rules. This ability to record transactions according to multiple GAAP requirements within a single entry avoids having to generate redundant accounting entries to record the same transaction.

PeopleSoft's unique Multi-book capability enables the maintenance of multiple ledgers, and therefore GAAPs, in different base currencies.

With our Multi-book feature, several ledgers are grouped within a ledger group. Ledgers within the group share the same physical structure, but each ledger can have its own base currency. The ledger group controls the manner in which transactions post to all, or just some, ledgers within the group. For example, where local and corporate accounting principles are compatible, you can define a book code for both (B); where they are incompatible, and you can define a local (L) and a corporate (C) book code.

The system automatically converts transactions to the applicable currency and then posts to the corresponding ledger. This gives full, drilldown support and cross-currency comparisons at both the summary and transaction levels.
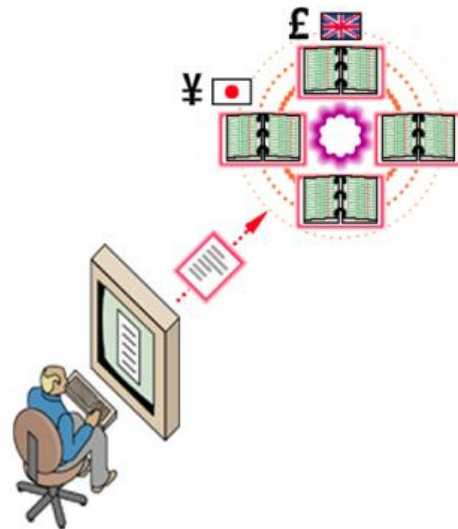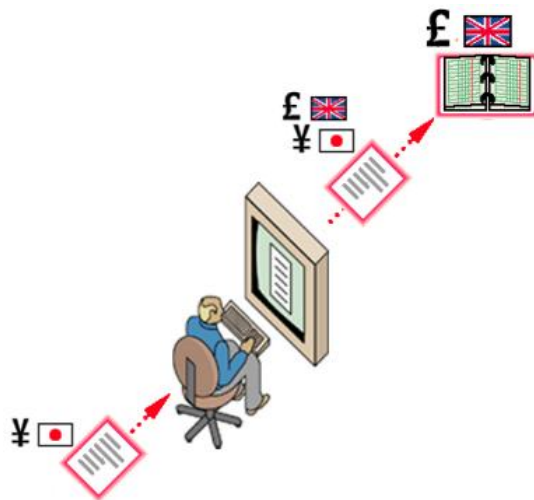
Multicurrency

PeopleSoft's multicurrency architecture enables transaction entry in either the base currency for a given business unit or in any other valid currency. Multicurrency support also includes revaluation and translation (restatement). What makes PeopleSoft multicurrency architecture unique is the support for multiple base currencies at the transaction level (see section on Multi-Book.)

PeopleSoft also provides specific input, processing, and reporting features that satisfy the most demanding requirements of global financial management. PeopleSoft applications support currency conversions, re-measurement, revaluation, and translation in currencies around the world while providing a complete audit trail of all multicurrency processing.

The major effect of multicurrency processing in PeopleSoft subsystems (such as Payables, Receivables, and Assets Management) is on the initial transaction (such as invoice, voucher, and assets) and payments.

Multicurrency Features

PeopleSoft delivers a complete multicurrency data model and engines:

- FX Data model includes all ISO currency codes, currency precision (number of displayed decimals for a given currency code), quote unit, EU participating currencies and triangulation, direct/indirect quotation methods, 23 integers 3 decimals for all amount fields, and 8 decimals precision for the exchange rate definition.

- Engines include cross/reciprocal FX rates calculation, interface with Reuters, multilevel revaluation, and currency conversion utilities (change base currency; translate a complete ledger into a target currency).

Realized FX Gain/Loss calculation:

- Posting multicurrency transactions: The posting program creates accounting entries that have both transaction and base amounts stored for them. Accounting entries balance both base amounts and transaction amounts. For example, you can post a yen voucher in a payables business unit having British pounds as its base currency.

- Multicurrency payment processing: From a multicurrency perspective, PeopleSoft Payables and Receivables determine the amount of a given currency required to satisfy a scheduled payment. The payment currency does not have to be the same as the voucher transaction currency. During the payment selection process, the system converts payment amounts to base currency. The amounts will form the basis of realized gain and loss accounting entries created in payment posting. For example, you can make a yen payment in an accounts payable business unit having British pounds as its base currency. At the end of a period, you can perform revaluation of unpaid vouchers to account for unrealized gains or losses.

Multi-Language

PeopleSoft-Provided Translations

PeopleSoft products are available in a wide range of languages. Our translations cover all application user interface components such as pages, menus and navigational components as well as report output. In the vast majority of our products, all application functionality is translated, including country-specific functionality (exception to this would be India or US specific functionality), allowing for shared service implementations where the server center users' languages may not necessarily match the language of the countries being served. End-user administration and power tools including security administration and query tools are also translated.

This wide-reaching translation ensures that individuals can use the system in their preferred language and that persons with different languages can all access a common set of software. Companies can also communicate with their trading partners and customers in their own language. PeopleSoft product translations are typically available within two months after the release of the base English language product.

PeopleSoft 9.2 software applications will also include translated embedded help. With the 9.2 release, PeopleSoft will align with the other Oracle applications by focusing our translation efforts on embedded help. We are not planning to translate our traditional PeopleBooks documentation, instead

we will be offering very direct translated help at crucial spots within our application through our embedded help widgets. Additionally, we will have a one to one mapping of application and help translations. Meaning, the software and embedded help translation footprint will be identical, something we were never able to accomplish in the past.

Available Languages: PeopleSoft applications are currently translated into and available in nine languages. Information about current translation by product line and languages can be found here: Query Language Matrix. You will need your SSO to log into the matrix.

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PEOPLESOFT ENTERPRISE

Code utilisateur:

Mot de passe:

Connexion

Installer des indicateurs de suivi

Sélectionnez une langue:

English   Español
Dansk   Deutsch
Français   Français du Canada
Italiano   Magyar
Nederlands   Norsk
Polski   Português
Suomi   Svenska
Čeština   日本語
한국어   Русский
ไทย   简体中文
繁體中文   العربية
UK English

Translation Ownership Cost: PeopleSoft translations can all co-exist within a single database; there is no need to maintain separate databases or installations of PeopleSoft for each language used by the system. Likewise, all application logic is independent of the language of the user interface; identical business logic and other processing rules are maintained and processed independently of the user's language and, therefore, ensure that customizations and maintenance of the system are performed once and its effect is immediately apparent across all interface languages.

Translation Architecture: All system objects that appear in the user interface, including Menus, Fields, Labels, Lookup Values, Pages, Navigation Components, Online Help Error Messages, Warning Messages, Portal Pagelets and Self-Service Pages are represented by language-independent attributes such as name, type, length, and by language-dependent attributes such as descriptions and text labels. For any given object type, PeopleTools stores the language-independent attributes separately from the related-language attributes. At runtime, PeopleTools uses the language-dependent attributes from the user's preferred language to create the user interface. Meanwhile, the language-independent attributes

govern the processing logic behind the scenes. In essence, our software translation is the process of adding language-dependent attributes for all applicable software objects for a target language. Each PeopleSoft database also has a single "base language", as a last resort should the translation of any particular application component not be available. This base language concept ensures that all application functionality continues to operate even in situations where a full translation may not be available. For example, if you customize a page to add a new field, but do not provide translations for this field's label, all users will still see the new field on their page, but the field label will be shown in the base language of the database (English is delivered as the default).

Translated Seed Data: In addition to providing translation of all user interface elements, PeopleSoft provides translation of many common code values that are critical to all implementations. Some of the tables where seed values are provided pre-translated are:

- Analysis Metrics

- Contract Intervals

- Country Names

- Country Subdivision Names (e.g. State, Province, Department, Prefecture etc.)

- Currency Names

- Currency Conversion Exceptions

- Depreciation Schedules

- Port / Airport Names

- Withholding Class Definitions

Implementation Driven Translations

Data Translations: Although a fully translated user interface is critical to the success of an international application rollout, it is just as important to ensure that core application data and descriptions of code values shared amongst international users is also available in the language of each user. For example, most financial transactions involve selecting an account from the organization's chart of accounts. It is of little benefit to international users having the application user interface fully translated if common data elements such as the chart of accounts, location codes, asset descriptions and other commonly accessed textual descriptions are all in a single language.

Therefore, PeopleSoft provides that all core, shared data can be maintained in all the languages enabled in PeopleTools, all in the same database. Using our patented related language architecture, more than 800 separate data elements across our Financials, Supply Chain, and Manufacturing applications are enabled to maintain descriptions and other textual information in multiple languages. At runtime, PeopleTools automatically displays the translation of textual elements in the user's preferred language, should a translation be available. If a particular element has not been translated, then it is displayed in the base language of the database or in English, as explained previously, ensuring that the lack of a translation never causes a transaction to be missed or not displayed to a user.

PeopleSoft also provides a simple and powerful way to maintain these translations and to view multiple translations of core application data. On any page where multiple translations of a data item are available, the specific field that is translatable is identified by background shading. Users can then use the Data Language menu to view translations of these fields while maintaining the translation of the user interface in their preferred language. In this way, users can easily view translations of an item being maintained in several different languages to ensure consistency or be able to get an insight into how the data is referred to in other languages.

Example of the PeopleSoft-related language architecture, showing an Asset Definition being entered and maintained by an English language user. Field values that are translatable are indicated by a shaded background.
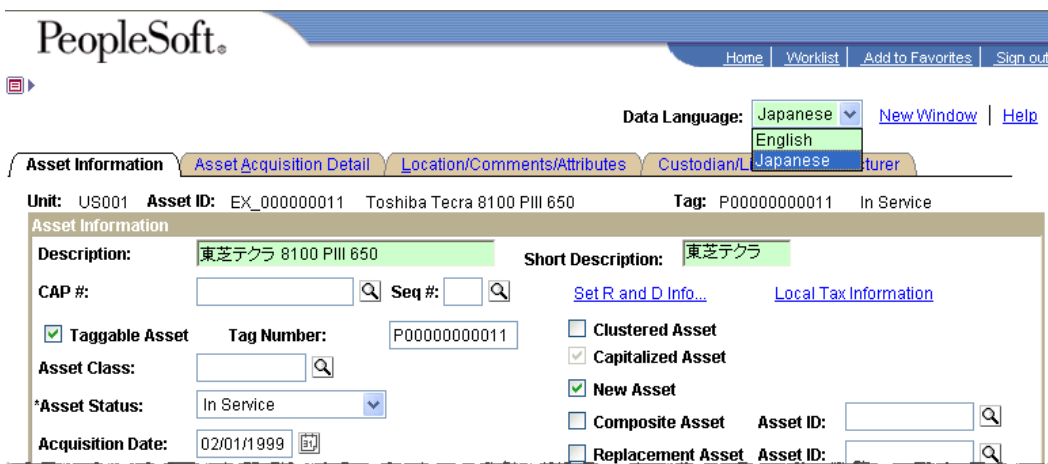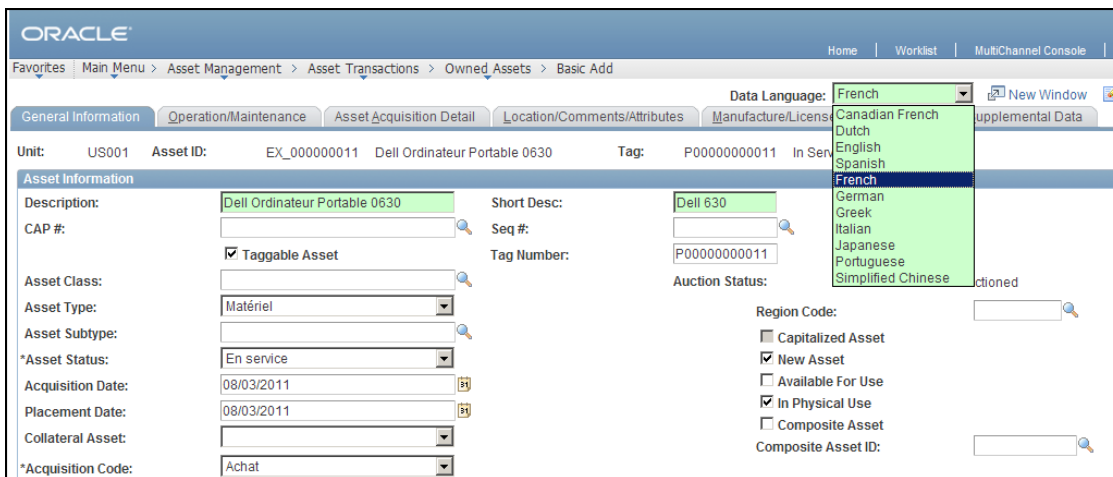
While viewing the asset in English, the user can choose to view translations of the descriptive value in another language without changing the user interface language simply by selecting a new language from the "Data Language" menu. If a translation of the data being maintained exists, it is displayed immediately. The user can then update the translation in-place if necessary. This is part of PeopleTools and is called multi-language data entry. When enabled, you see the Data Language drop-down list. When not enabled, you do not see the list or any background shading, and data language matches session language.

If translations exist for a particular data element in the user's preferred user interface language, they are displayed by default, as seen in this Japanese language example.

Multi-Language Reporting: With such a vast amount of application data and user interface translations capable of being maintained in a single worldwide database, being able to produce reports in the language of the user is of critical importance. PeopleSoft goes one-step further and cannot only provide report output in the language of the user submitting the report, but also provides the following report language options.

Specified Language Reporting: Regardless of the language of the user requesting a report, the requestor can control the language of the report itself. This capability is important in situations where the authority to run reports has been delegated or reports are run by a central service center. In addition, using the PeopleTools Report Repository, reports can be distributed via email to authorized recipients or access to existing pre-run reports can be granted. This capability increases the likelihood that someone other than the report requestor will view a particular report instance and makes it necessary to allow the language of the report to be selected at runtime.

Recipient Based Language reporting: For reports that are sent to multiple recipients, such as invoice prints and dunning letters, the language of each page of a large report may need to be different, depending on the preferred language of the intended recipient of that page. PeopleSoft Financial Management provides several such reports, where the language is driven off the data being printed (such as a customer's preferred correspondence language), and is reset at the end of each page. In this way, large print runs spanning multiple countries can be consolidated in a single report request, thus avoiding the need to maintain separate print jobs for each language output.

Translation Utilities: For translating into languages not shipped with the current PeopleSoft release and for translating your customizations and extensions created using PeopleTools, PeopleSoft provides a powerful Translation Workbench that is fully integrated with the PeopleTools Application Designer for efficiently translating the highest volume objects: page objects. The Translation Workbench provides an easy-to-use grid for simultaneously viewing the base-language text and the translation, greatly simplifying the review and proofing process. The Translation Workbench also facilitates easy cutting and pasting to and from Microsoft Excel, allowing translations to be performed in bulk offline and then pasted back into the PeopleSoft system. For translating other object types, such as menus and error or warning messages, PeopleSoft provides individual translation utilities tailored to the specifics of each object.

PeopleTools also provides the ability to automatically search and replace terminology, specifically targeted at easily adapting one language that is based on another. For example, a Mexican Spanish translation can be created by adapting the delivered Spanish translations. A customer could search and replace the Iberian Spanish word *billette* (ticket) with the Mexican Spanish word *boleto*.

Unicode Support

Using Unicode throughout all layers of our application products, PeopleSoft supports any combination of languages in a single database, avoiding the need to maintain separate databases for each language or each group of languages sharing common characters.

Many enterprise applications support an unlimited number of languages within a single database, but with the limitation that all the languages that are to be stored must share the same character set. This restricts applications to only maintaining data in a single database that shares common characters, for instance a single database may be able to maintain data in Western European languages (that is, English, Spanish, German, Dutch, Portuguese, and French), but requires separate databases for non-Western European languages such as Polish, Czech, Hungarian, Greek, Japanese, Chinese, Korean, and Thai.

This incompatibility of character sets becomes a major issue for large multinational customers who want to implement their enterprise applications across the globe. Such companies typically want to maintain a central server site, with a single database serving the entire world, or several server sites serving a region or continent and rolling up transactional and summary data to a central server. Customers need to combine data from multiple languages that would normally require different character sets within a single database. This is why PeopleSoft has implemented Unicode throughout the PeopleSoft Pure Internet Architecture.

PeopleSoft fully supports more than 200 languages. With PeopleSoft's Unicode implementation, customers can maintain application data and user interfaces in virtually any language using a single database containing the languages they choose. A single PeopleSoft application server connects to this database, serving client machines, regardless of their language or character set. With the installation of appropriate fonts and browser support, a workstation accessing applications built using PeopleTools technology can view and maintain data in any of these languages, regardless of the language of the workstation.

Simply put, Unicode support means significantly lower costs to PeopleSoft customers who globally deploy applications. In summary, the benefits of Unicode support in PeopleSoft applications include:

- Data in multiple character sets in any language can now be stored in one central, global, enterprise database, enabling customers to view the same information from any location.

- A single set of PeopleTools binaries and application software supports data from all character sets and because all data is stored and processed in Unicode, character set specific code disappears.

- A single PeopleSoft Application Server can serve content to users across multiple character sets. This is critical for enterprise applications deployed over the Internet that have a global reach. A single runtime implementation can support user language requirements around the world. You do not need to implement a separate web server, application server, and database server for each character set you support.

- A single set of global business rules in one central repository, eliminating the need for updating multiple systems.

- Simplified rollup of transactions into a central reporting/data warehousing database, since all the data is stored in Unicode.

Full end-to-end Unicode support with PeopleSoft is available today on the following database platforms:

- Oracle

- Microsoft SQL Server

- DB2/UDB 7.1

To help ensure the consistency and professionalism of long descriptive text maintained via our applications, PeopleTools includes a feature-rich, multi-language spell checking.Using the technology of IntelliWriter ProofReader, all long-text fields and selected short text fields have spell checking enabled either as an option or as a mandatory pre-save requirement. By default, the spellchecker performs its work in the user's current session language. One key feature of PeopleSoft's spell checking is the ability to combine non-English dictionaries with English terminology. This is particularly useful when dealing with technical, medical, or other domain-specific documents in which much of the terminology used comes directly from English and may not formally exist in other languages. All of the spell checking dictionaries packaged with PeopleTools allow this English blending as a user or

administrator configurable option, and they operate across the full range of PeopleSoft-supported platforms.

The following languages are supported by the PeopleSoft spell checking functionality:

- Afrikaans

- Catalan

- Czech

- Danish

- English (UK, US)

- Finnish

- French

- Hungarian

- Dutch (Post spelling reform)

- German (Pre and post spelling reform)

- Greek

- Italian

- Norwegian (Nynorsk and Bokmål)

- Portuguese (Brazilian and European)

- Polish

- Russian

- Spanish

- Swedish

Note: Unicode is not supported for Sybase or Informix Multi-Language spell checking.

Interunit/Intraunit Accounting

Many global organizations are comprised of several legal entities and any number of management and reporting entities, which could represent separate physical locations or logical operational units. Managing the transactions that occur between these entities requires separate balanced sets of books or accounts, which can be a difficult and time-consuming manual process.

PeopleSoft's centralized interunit/intraunit processor provides consistent setup and centralized processing to manage interunit/intraunit transactions across PeopleSoft products. Efficiency will be realized through supplying a partial entry or minimal number of accounting lines to initially record interunit/intraunit transactions. The processor then automatically completes the entire transaction. The

processor will also generate the necessary balancing lines or due-to and due-from entries for both the appropriate entities and accounts.

To use the centralized interunit/intraunit processor effectively, your accounting environment must be such that you allow cross entity entries directly to balance sheet, expense or to clearing accounts at some level or levels among the related entities in your organization. Once you establish the necessary accounting protocols to be used in conjunction with interunit/intraunit functionality, minimal input will be required from you for the system to complete the web of balancing entries necessary when transactions occur between related entities or sets of balanced books.

PeopleSoft applications deliver system transactions for major types of activities that can be expected to generate interunit/intraunit entries. System transactions enable you to segregate your interunit/intraunit payable and receivable accounts by type of transaction; for example, AP voucher, AP payment, GL journal, and expense sheet. System transactions also provide information necessary to support the interface between various application processes and the common centralized interunit/intraunit processor. The system also differentiates inter/intra entity as well as interunit/intraunit transactions enabling you to apply the required accounting treatment.
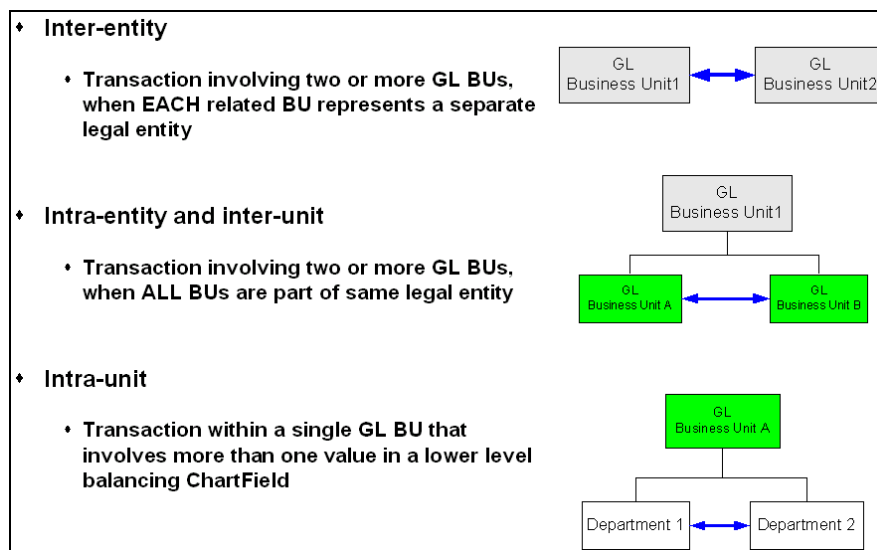
Different types of interunit/intraunit transactions:

Revaluation

Periodically, you may need to revalue the base currency of the balance sheet accounts that you maintain in foreign currencies to reflect changes in value due to fluctuations in exchange rates. The PeopleSoft General Ledger Revaluation process adjusts the base currency value of the account balances by creating adjusting entries for the accounts being revalued. It creates corresponding entries for any gain or loss that results from the revaluation. Revaluation typically takes place at the end of each accounting period before translation; in countries that might be experiencing hyperinflation, this process can be done undertaken more routinely.

The revaluation engines provide a three-level calculation capability to meet global requirements:

- Transaction level

- Third party level

- Business Unit level

The various levels accommodate global requirements for revaluation. For example, in Germany, the revaluation happens at the transaction level; in France, the revaluation happens at the third-party level (vendor, customer); in the US, the revaluation happens at the business unit level. All three levels of revaluation are provided in the subsystems and in General Ledger. The revaluation engines enable you to calculate the unrealized gain/loss and to define the accounting template for the revaluation entries.

Position Accounting

In some situations, corporate and financial institutions need to track foreign currencies in specific accounts to know their organization's particular exposure in terms of the value of assets or positions held in a specific currency. Using PeopleSoft, you can identify and track the risks that are associated with exposure to foreign exchange or the risk that is associated with financial assets that are held in other than your base currency. You can measure risks and account for currency related gains and losses. Using PeopleSoft's position accounting, you can generate the appropriate position accounting entries for tracking profits and losses that result from multicurrency transactions.

Tax Processing

The PeopleSoft architecture handles Sales and Use tax, Value Added Tax (VAT), withholding tax, and other variations of taxation on commercial transactions and consumption, such as the India Excise Duty, Customs Duty, and India Sales Tax.

Global VAT Engine

PeopleSoft Enterprise global tax architecture supports VAT processing for all European countries and non-European countries. In addition, PeopleSoft provides VAT reports/files for Belgium, France, Germany, Spain, The Netherlands, Switzerland, Luxemburg, Italy, UK, Canada, and Australia.

VAT functionality is implemented across PeopleSoft product lines. This functionality permits the definition of the VAT environment (for example, the definition of tax authority, VAT codes, VAT Transaction types, VAT Entity, and VAT Default overrides by country and product), the calculation and recording of VAT on transactions, the accounting for VAT, and the creation of VAT returns and reports.

Our global VAT features cater to various VAT scenarios:

- Domestic VAT, Imports, Exports, Intra-EU Acquisitions, and Reverse Charge transactions.

- Triangulation, triangulation simplification, and commissionaire structure.

- Automatic VAT treatments for both goods and services.

- Extensive VAT defaulting hierarchy:

  o   VAT country.

  o   VAT entity.

  o   Business unit/business unit options.

  o   Product-specific drivers such as Payables control groups or Billing bill types.

  o   Trading partner.

  o   Trading partner location.

  o   Transaction line identifier groups such as product group or item category.

  o   Transaction line identifier such as inventory items, products, or charge codes.

- Declaration points at Invoice, Payment, Delivery time, or Accounting Date.

- Configurable VAT Calculation:

  o   VAT exclusive is available in all products and VAT inclusive is available in Payables, General Ledger, and Expenses.

  o   For Settlement discount, VAT can be calculated net of the discount or on the gross amount; if calculated on the gross, the VAT can later be adjusted for the discount at the time of payment.

  o   VAT rounding applied to actual VAT amounts in the transaction (Normal, Up, Down).

- VAT Recovery and Rebate Management:

  o   Nonrecoverable VAT included in Inventory and Receipt accrual and in Budget checking.

  o   Flexible accounting for nonrecoverable VAT allows posting to distribution line expense ChartFields, VAT ChartFields, or a combination of both.

- VAT in GL for Journals and Allocations as well as an interface with non-Oracle Enterprise applications.

- VAT-Only Invoices.

- VAT exoneration and suspension for a range of dates.

- VAT Registration ID validation by country.

  VAT registration ID length and structure has been extended from 12 characters to 20 characters to accommodate the requirements of some countries.

- VAT Invoice amounts in reporting currency.

- Tolerance checking of calculated VAT amounts.

- VAT for AR-Prepaid Accounting.

  Customers in France requested changes to the way VAT is accounted for on an advance payment for a sales transaction. Currently, because the AR-Prepaid account records the prepayment without tax,

the customer balance accounts (AR and AR-Prepaid) are underestimated. Customers are doing a manual adjustment in GL to regularize the VAT in customer accounts. Release 9.1, meets these requirements by including the VAT amount in the accounting entry in the AR-Prepaid account. To balance the transaction, a new accounting entry will be entered in a VAT to Adjust account. In addition, when a prepayment is applied against an invoice, or written-off, the amounts in AR-Prepaid account and VAT to Adjust account will be reversed accordingly.

- Reverse Charge VAT.

HMRC (Her Majesty's Revenue and Customs) as well as other countries have introduced Reverse Charge VAT for specified categories of goods being traded between businesses. Release 9.1supports the new requirements to apply a reverse charge treatment in the case of a domestic supply of specific items. Customers can specify by country whether reverse VAT charges apply and whether specific VAT drivers (such as, products, inventory item, vendors, and customers) are subject to the reverse charges.

- VAT reporting architecture:
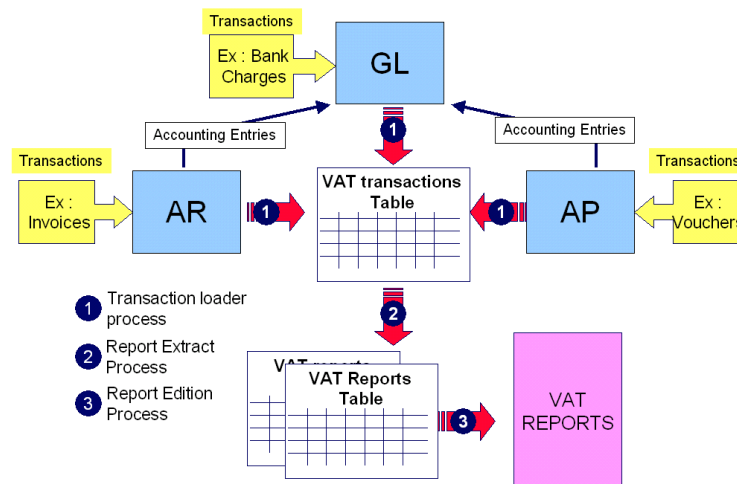
This chart shows only three applications (Payables/Receivables/General Ledger), but the same model is applicable to all PeopleSoft applications that manage VAT transactions: Treasury, Expenses, Asset Management, and Billing. VAT is also supported by PeopleSoft Purchasing and Order Management.

- VAT declarations produced by country.

- VAT reconciliation reports to ensure consistency between amounts reported on VAT returns, GL account balances, and the underlying detail that makes up the balances.
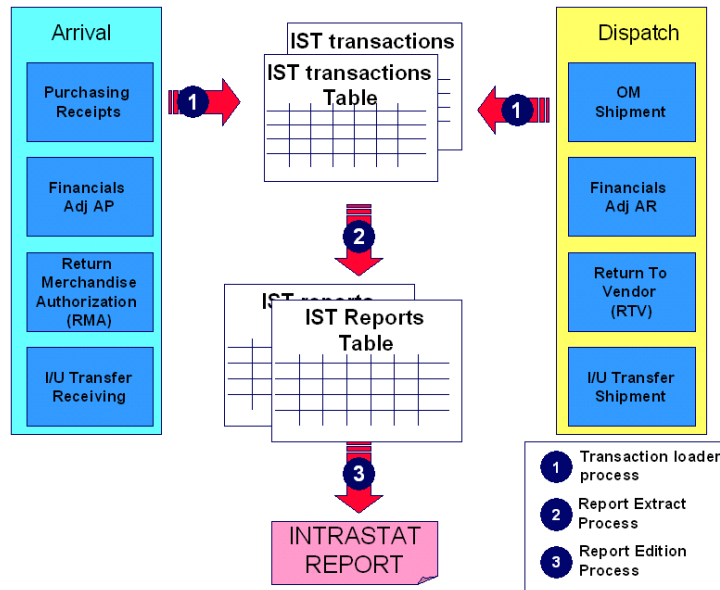
Intrastat

The European Union (EU) requires Intrastat reports. You can track the movement of goods within the EU using data from such PeopleSoft products as Order Management, Billing, Payables, Purchasing, and Inventory. PeopleSoft supports Intrastat processing and provides the ability to produce Intrastat reports such as Form DEB for France and the EU Form N and Form R.

Intrastat Flat File for The Eurostat's Intrastat Data Entry Package (IDEP) - Customs authorities of different European member states recommend the use of an electronic based declaration rather than a paper declaration for Intrastat. A software package, IDEP (INTRASTAT Data Entry Package) was developed by Eurostat (the statistical office of the European Communities) to produce the electronic declaration. PeopleSoft provides an Intrastat flat file, which provides the input to IDEP in addition to the various paper formats of Intrastat declarations.

Traders in EU member states who either ship goods to or receive goods from VAT registered traders in other EU member states are required to file Intrastat returns. One of the elements in each line of this return is the Nature of Transaction Code (NOTC), which identifies the type of transaction. This code consists of two digits. The list of valid values for the first digit is defined by the EU and must be used consistently by all member states. For the second digit, however, member states have the option to use either the EU-defined list of values or their own set of values. To meet current EU regulatory requirements and to allow for future changes, PeopleSoft Enterprise 9.1 enables customers to define multiple sets of values for the second digit of the Intrastat NOTC and then link the required set of values to the set of Intrastat Country Characteristics for the required country.

This diagram shows the Intrastat reporting architecture:

Intrastat Processing and Reporting flow

Global Withholding

In the UK, Spain, France, Australia, Singapore, and many other countries, when an invoice is paid, a certain part of the payment is deducted and paid to the tax authorities as a withholding tax. The global withholding architecture in PeopleSoft provides functionality to meet the majority of processing and reporting requirements worldwide.

It provides various methods of calculating and reporting:

- Statement of basis amount subject to Withholding by vendor/class – No Withholding per say and no accounting (Belgium, France).

- Percentage calculation, accounting and reporting (UK, Spain).

- Mixed mode of the two previous methods (Canada).

- Tier-based withholding percentage (Argentina, Japan).

- Additional withholding surcharges (India).

- Period-based withholding calculation with recalculation when it exceeds the threshold limit.

- Jurisdiction-dependent withholding percentage.

- Withholding calculation based on relationship between business unit and vendor.

- Ability to exonerate a vendor from withholding on a percentage basis.

Calculation parameters include:

- Rounding rule.

- Minimum to report by invoice/class, minimum basis by rule, minimum withholding tax by rule.

- Apply to net, apply to tax, apply to freight, apply to miscellaneous charges, apply to discount.

- Apply to Remit to Vendor or Invoicing Vendor.

- Calculation of the tax at Invoice Time or at Payment time.

Accounting at selected levels, such as Withholding entity, Withholding type, Jurisdiction, and Withholding class are ChartField configurable.

Reporting:

- Withholding information (required, optional) by vendor and by business unit.

- Reporting entity declaring/paying on behalf of business units.

- Reporting by vendor category.

- Report, Electronic file, or both local format per country.

Separate Debit and Credit

Within the countries around the globe where the Latin Accounting model is in force, great emphasis is placed on the balance sheet. This model requires that a greater level of detail be captured when

Account	Beginning Balance	Total Debit	Total Credit	Ending Balance
Cash	12,000	23,000	19,000	16,000
Act. Receiv.	8,000	46,000	43,000	11,000

Balance Sheet

reporting accounting information that resides in the balance sheet accounts. This concept is directly reflected in the financial reporting convention that requires balance sheet accounts to be reported by showing the gross debit and credit balances, in addition to the net balance for the account.

PeopleSoft supports separate debit and credit amounts for each account stored in the general ledger, and provides the ability to have negative-debit and negative-credit entries for error correction. In net balance systems such as those used in the US, an overstated debit balance account is normally corrected by entering a credit to the overstated account. However, this method will compound the error for systems required to store both debit and credit balances following the Latin model. The net balance will be accurate, but a credit adjustment to correct an overstated debit will overstate the credit balance, causing both the debit and credit to be overstated. In the debit/credit balance system of the Latin model, users must correct errors of this type by reducing the debit (a negative debit) rather than by creating an offsetting credit.
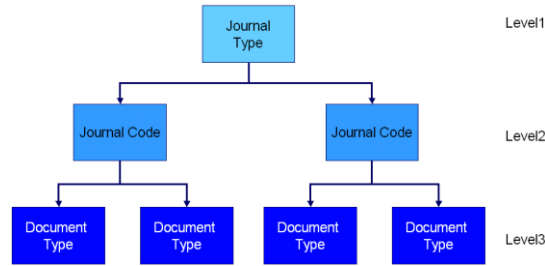
Document Sequencing Engine

In countries that follow the Latin accounting model, whenever a financial transaction occurs, a document sequence number is assigned automatically to the transaction at the time it is created. This is a legal requirement and a well-established business practice to ensure the internal control objective of completeness. When PeopleSoft document sequencing functionality is implemented, the system assigns a document type along with a sequential number to every financial transaction. PeopleSoft also supports different ranges of numbers for different transaction types.

Document sequencing assigns a unique identifier and numbering sequence to specific transactions. Each transaction must be serially numbered. Any used sequence number that is deleted is recorded in a separate table in order to track the gap in sequencing. For example, the Receivables Document Sequencing Control report lists the document sequence numbers found in the accounting transaction tables, plus the deleted document sequencing numbers that were recorded separately.

Similar to PeopleSoft tax engines, PeopleSoft delivers a single document sequencing engine for all PS Applications generating accounting entries. The single engine provides a unique guarantee of consistency in the numbering sequence.

Document sequencing can be structured using three levels to qualify the accounting entries:
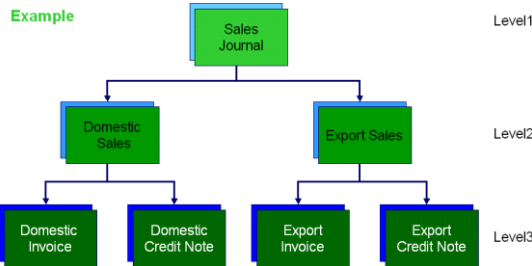
This is an example for Billing or Receivables revenue entries.

Example :

Daily	Monthly	Annually
98011500001	98010000001	98000000001
98011500002	98010000002	98000000002
…	…	…

Auto numbering sequence can be assigned on a daily, monthly or yearly basis.

Sustainable Compliance

PeopleSoft's integrated business solutions are designed to assist you in meeting regulatory obligations and to enforce compliance, reduce risk, and implement due-diligence best practices. Ensuring that your company's transactions are not directly or indirectly associated with individuals or entities on restricted party or financial sanctions lists, also known as interdiction lists, is a key component of the compliance process. PeopleSoft Payables can audit your transactions against these lists to help your enterprise remain compliant with these laws.

The EU has introduced a legal framework to guarantee EU-wide recognition of electronic signatures, a prerequisite for ensuring the security of data that is transmitted electronically. PeopleSoft includes

support for electronic signatures to enable EU compliance, for example in the receipt of electronic invoices.

U.S. and other regional, unilateral, and multilateral financial sanctions restrict companies from conducting transactions with specific foreign entities. For example, the Office of Foreign Assets Control (OFAC) of the U.S. Department of the Treasury administers and enforces economic and trade sanctions against internationally embargoed countries, individuals, and entities. Many of the sanctions are based on United Nations and other international mandates, which are multilateral in scope, and involve close cooperation with allied governments. These laws prohibit customers who are based in the United States and their foreign subsidiaries from doing business with any entities that are on the Specially Designated Nationals and Blocked Persons (SDN) List. This list includes terrorists, organizations that fund terrorists, international narcotics traffickers, weapons traffickers, or other targeted individuals. The USA PATRIOT Act has particularly underscored the need for businesses to comply with OFAC regulations. Failure to comply with financial sanction laws may cause your company to incur significant civil, administrative, and criminal penalties and to incur legal fees, not to mention the associated negative publicity.

PeopleSoft Enterprise Payables enables you to comply with these laws by screening your vendor database against the financial sanction lists that are relevant to your business. The application validates the vendor name and alternate payment name and remit vendor name at multiple points throughout the transaction life cycle to ensure that you do not pay a restricted party. If any matches are found, the application issues a warning message. Screening uses a configurable Verity search to ensure that only likely matches are flagged. This ensures maximum compliance while minimizing any disruption to your business.

You can enable financial sanctions validation at the installment level or at the bank level. If you enable financial sanctions validation at the installment level, the system validates all vendors. If you enable financial sanctions validation at the bank level, the system validates only those vendors whose banks require financial sanctions validation.

PeopleSoft can provide validation of your vendors against financial sanctions lists at the vendor, voucher, and payment levels, depending on how you enable financial sanctions validation. You can also schedule a batch process, the Financial Sanctions Validation Application Engine process to validate your vendors.

Electronic Invoicing and Electronic Signatures

One of the greatest opportunities for cost savings in accounts payable departments is increasing the percentage of electronic invoices. The primary barrier to electronic invoices within the EU had been local tax law that required paper invoices to allow tax recognition. As of January 2005, European Commission directive 2001/115/EC facilitates the use of electronic signatures to contribute to the legal recognition of invoices. It establishes a general framework for electronic signatures and certain certification services.

In PeopleSoft, Payables provides digital signature processing for sending and receiving invoices. The application provides an option for vendor to digitally sign invoices. Upon receipt of an invoice,

customers can validate the signature. When the invoice and signature are successfully validated, the invoices are entered into the payables application. Digital signatures ensure authenticity, data integrity, and confidentiality; provide an audit trail; and support nonrepudiation.

Digital signature verification requires third-party open source software, the Cryptographic Toolkit (Java Cryptographic Extensions) from Bouncy Castle, and Apache XML Security library from Apache.

Payment Methods

PeopleSoft Financial Management supports a variety of payment methods and payment formats.

The following table lists delivered ACH and EFT layout formats and their country of use:

LAYOUT NAME/CODE	DESCRIPTION	COUNTRY	LAYOUT TYPE
CCD+	Cash Collect & Disburse Plus	(USA)	ACH
PPD	Prearranged Payment & Deposit	(USA)	ACH
BACS	BACS	(GBR)	EFT
BECS	Bulk Electronic Clearing System	(AUS)	EFT
BSI1	Domestic Payments	(BEL)	EFT
BSI4	International Payments	(BEL)	EFT
BTL91	ABN AMRO Btl91	(NLD)	EFT
CLIEOP2	ClieOp2	(NLD)	EFT
CLIEOP3	ClieOp3	(NLD)	EFT
CPA005	Canadian Payment Association.	(CAN)	EFT
CSB19	Direct Debit	(ESP)	EFT
CSB34	Payables Payments Format	(ESP)	EFT
CSB43	Bank statement	(ESP)	EFT
DDRD	Direct Debit	(JPN)	EFT
DOM80	Direct Debits	(BEL)	EFT

LAYOUT NAME/CODE	DESCRIPTION	COUNTRY	LAYOUT TYPE
DTALSV	Payments	(CHE)	EFT
DTAUS	Domestic Payments	(DEU)	EFT
DTAZV	International Payments	(DEU)	EFT
EDI	EDI Manager	(USA)	EFT
ETBDD	Direct Debit	(FRA)	EFT
ETBDR	Drafts	(FRA)	EFT
ETBIPT	International Payments	(FRA)	EFT
ETEBAC	Domestic Payments	(FRA)	EFT
FEDI	Singapore Giro	(SGP)	EFT
GENX	General Transfer	(JPN)	EFT
HIPAA	HIPAA 820 Outbound Map	(USA)	EFT
ISABEL	Payment Clearing System	(BEL)	EFT
ITAPYMT	Domestic Payments	(ITA)	EFT
KIJ	Kijitsu	(JPN)	EFT
MT100	SWIFT Customer Transfer	(USA)	EFT
MT202	SWIFT Financial Institution Transfer	(USA)	EFT
PPD	Prearranged Payment & Deposit	(USA)	EFT
RIBA	Drafts	(ITA)	EFT
RID	Direct Debit	(ITA)	EFT

In addition to the most common payment methods [such as checks, bank transfers, electronic data interchange (EDI)/electronic banking, Giro, Credit Cards, Letter of Credit, and SEPA] PeopleSoft supports drafts and direct debit/credit.

Single Euro Payment Area (SEPA)

The Single Euro Payments Area (SEPA) initiative for the European financial infrastructure involves the creation of a zone for the euro in which all electronic payments will use the same layout. The goal of this initiative is to improve the efficiency of cross-border payments and turn the fragmented national markets for euro payments into a single domestic one.

The SEPA payment instruments will operate alongside existing national processes. Full migration to the new format is planned by the European Union for the end of 2011.

In Cash Management, Financial Gateway facilitates straight-through payment processing, providing a single platform for seamless communication between banks, financial institutions, and corporations to process all payments and receipts. PeopleSoft supports the new requirements for SEPA (SEPA Credit and Direct Debits Transfers, Exception Handling process) through its central payment hub, Financial Gateway.

New versions of SEPA have been introduced and PeopleSoft Cash management has embraced them. Financial Gateway now supports SEPA 4.0 versions for both Credit Transfer and Direct Debits. Older versions of the format are also available in the layout catalog. Users can choose the SEPA version that their bank recommends and use it accordingly.

Drafts

Drafts are payment documents used predominantly in Mediterranean Europe, Latin America and Japan. Unlike checks, drafts have a specific due date and are redeemable on or after their stated due date, unless they are "discounted" by the vendor before their due date. Drafts must be submitted to the holder's bank for processing—the debit does not occur automatically as it does with a bank transfer or direct debit.

PeopleSoft supports vendor-initiated drafts (bills of exchange), customer-initiated drafts (bills of order), as well as draft payments created and generated in PeopleSoft Payables. PeopleSoft delivers an inbound drafts interface in Payables and Receivables to process incoming drafts file sent by the bank. It enables efficient management of the drafts reconciliation and approval process.

Direct Debit/Credit

Electronic banking, and in particular direct crediting/debiting, is increasingly popular in Europe. Customers sign agreements with vendors allowing the vendors to debit their cash accounts directly without further notification to either the customer or the customer's bank. Rather, customer recognition of these payments is made via upload of unrecorded items during the bank reconciliation process. PeopleSoft Receivables supports direct debit/credit.

EFT and Bank Statement Formats

PeopleSoft Financial Management supports a large number of global payment formats such as SWIFT, EDIFACT, ACH, CCD, and CTX. Regarding bank statement formats, PeopleSoft Financial Gateway

currently supports out of the box SWIFT formats (MT94x), US format (BAI2), FINSTA, EDI822, and PeopleSoft business document formats (PSBDx).

Additional formats are reasonably easy to create using PeopleTools technology.

PeopleSoft Financial Gateway is a payment server that facilitates end-to-end Straight Through Processing from the original transaction to its settlement with Financial Institutions.

Payment Layout Catalogue Expansion

The Payment layout catalogue for the Financial Gateway was expanded to support ISO20022 version 2, SEPA Direct debit, SEPA Credit Transfer, and Spanish Electronic Funds Transfer (EFT). This expansion means more support from PeopleSoft.

Flexible Remittance Advice

The current settlements process does not offer a standard remittance advice outside of the payment file itself. Some payment formats, such as ACH 820 and ISO 20022, do provide a standard remittance advice. Without remittance advices, the reconciliation process can be cumbersome for both the supplier and the buyers.

PeopleSoft 9.1 delivers a Flexible Remittance Advice via the Financial Gateway that allows organizations to realize the full potential of electronic payments. The Remittance Advice layout is configurable to support supplier needs and is delivered via email. Flexible Remittance Advice provides a secure, easy-to-use solution.

The remittance advices functionality saves time, resources, and money for the buyer and the seller by helping the supplier's accounts payable department to reconcile financial activity efficiently.

Processing Payments and Receipts

Corporations understand the need for electronic payment processing, and receipts of balance and transaction reports (BTR) while facing the unprecedented challenge of achieving straight-though processing. For a time, corporations have resorted to one-time solutions within either their own applications or using software from banks or standalone vendors. These options, however, usually lead to less than satisfactory results, and in many cases, a proliferation of software from different banks and vendors. The cost of maintaining such standalone applications, and in some cases, the need for duplicate data entry, stringent security requirements from banks, and differing file formats dictated by the banks and external regulators, make it cost-prohibitive, and may leave gaping holes in the security, auditing, and internal controls of an organization.

PeopleSoft developed the Financial Gateway feature to provide a single platform for processing all payments and receipts from PeopleSoft Enterprise Payables, eSettlements, Receivables, Expenses, Cash Management and Deal Management, as well as third-party systems. Financial Gateway was built using the latest Web technology and is fully configured to handle security needs, major worldwide payments, and BTR formats. The payment formats that are supported include EDI ANSI X.12 EDI, EDIFACT (Paymul), Fedwire, and SWIFT and many more.

Cash Management

As the globalization trend continues and operating margins come under increasing pressure, global organizations have come to realize that following business best practices around cash management is the only sure way of maintaining sound liquidity levels.

Managing across multiple subsidiaries, currencies, time zones and locations presents many challenges to the corporate treasurer and cash manager. There are common challenges that lead to less than optimal cash efficiency; some of these are disconnected cash flows and processes, the inability to make real-time, fact-based decisions. The biggest drawback of a decentralized treasury is that it loses operational control over what might be its most valuable asset—cash. It is not uncommon to see one unit or subsidiary borrowing money and another lending at the same time. Centralization of the treasury functions helps in aggregating cash into a single location and is a best practice that global treasury departments have begun to adopt.

A cash management solution that extends across your enterprise is essential to liquidity management, improving investment returns, and reducing interest expense while improving the productivity of your treasury department. PeopleSoft's integrated Treasury Management solution, which includes PeopleSoft Enterprise Cash, Deal and Risk Management, enables you to perform automatic bank polling, payment processing, automatic generation of daily cash positioning, efficient investment and borrowing of surplus or deficit cash, automatic accounting for every transaction, cash forecasting, and hedge accounting.

Today's sophisticated Treasury departments have varying needs when it comes to investing in different asset classes. Some corporations have tight restrictions regarding equities, while others do not. One thing, however, that largely remains common across all corporations is the need for efficient handling of line of credit and commercial paper. PeopleSoft Deal Management provides the ability to track your equity investments.

The Financial Accounting Standards Board's (FASB) FAS 133/138 ruling on accounting for derivatives came into effect on June 15, 2000. International Financial Reporting Standards (IFRS) issued IAS 39 accounting regulation that is essentially similar to the FAS 133/138 regulations, but expands the scope to include financial instruments beyond just derivatives. Risk Management expanded includes support for IAS-39 regulatory requirements. You have the option to perform accounting based on either the IAS 39 or FAS 133/138 reporting requirements. This option is made available at what is termed the Treasury Business Unit Options level.

An accounting treatment option for "Loans and Receivables" is also included in Risk Management to meet IAS-39 requirements. Additionally, several IAS-39 examples are included as part of our sample data to assist you in learning the accounting setup from preconfigured and tested instruments for IAS-39 compliance.

To meet international accounting standards guidelines, PeopleSoft Cash Management has enhanced its document sequencing functionality to provide detailed cash flow statements that are classified into operating, investing and financing activities. Implementing PeopleSoft Treasury Management's document sequencing with the appropriated journal codes and document types enables organizations

to comply with the financial reporting requirements of international accounting standards as well as the Latin Accounting Model.

Payment Bank Value Date

Within Europe, the Bank Value date is the key date for calculating a cash position or for calculating interest. When a bank deposits or pays money from an account, the money may not be automatically recorded on the same day as it is received or paid by the bank, for example, a receipt received by your bank on the 1st of the month might not be recorded for 3 days, on the 4th of the month. With value date functionality, you can add this 3-day delay to the bank account that is affected. Receipts and payments made from the bank will then use the value date to determine the cash position. You can express a value date as either a positive or a negative number for a selected payment method for a particular bank account. If Value Date is not enabled, system processes automatically populate a default accounting date or business date.

The value date can be used in conjunction with holiday processing. If the value date falls on a holiday, the value date will be adjusted to the next or previous business day according to the holiday rules that you set.

Specifying a value date triggers many automatic processes, such as:

- Processes that add or subtract the numeric value in the Value Date Days field to the deposit, draft, debit, disbursement, or payment.

- Cross-validation processes that check the value date switch and the +/− Days field at the bank account level to ensure that the correct date is applied.

- Modified bank reconciliation processes where Automatic Reconciliation processes new value data accessed from PeopleSoft Payables and PeopleSoft Receivables, or semi manual and Manual reconciliation processes value date data when reconciling Payables and Receivables sources.

In addition, background processes and reports can access and display either value date or accounting date information, depending on the specified date practice for the bank account.

IBAN

The European Committee establishes IBAN[1] standards for Banking Standards (EBS) and the International Organization for Standardization (ISO). IBAN provides an international standard

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[1] Please see more details about IBAN in the PeopleSoft Banks Setup and Processing PeopleBook.

account identifier for identifying an account held by a financial institution, in order to facilitate automated processing of cross border transactions through:

- Automatic processing of foreign bank account identifications.

- Uniform validation of foreign bank account identifications.

- Easy routing of transactions.

The IBAN can be implemented without modification to domestic account numbers or account number formats. This is achieved by creating a standard prefix after which the domestic account number can sit unchanged.

PeopleSoft provides functionality that calculates, validates, and stores an IBAN for new account information. The stored IBAN is used to validate inbound EFT transactions, and to populate the EFT layout for outbound EFT transactions when requested by the system. By simply clicking an IBAN Check Digit button you can initiate a function that calculates and validates the IBAN check digit entry, using processes and functions that conform to ISO 13616, 3166, and 7064. When the check digit is validated, the system concatenates the IBAN check digit and the existing Basic Bank Account Number (BBAN) to create the IBAN. It is only necessary to store the IBAN check digit, because the system concatenates the necessary information each time the IBAN is requested.

PeopleSoft provides sample IBAN formats for 38 countries that can be viewed on the IBAN Formats page. You can enter the IBAN manually or have the application generate it after entering the IBAN check digit. The method used can be done on a country-by-country basis that is determined by the IBAN Enterable field located on the IBAN Formats page.

Automated Cash Flow Reporting

Many organizations are required to provide cash flow reporting as part of IFRS. Cash flow preparation has historically been a cumbersome and complex process, which is time and labor intensive. PeopleSoft automates the cash flow statement reporting process through flexible setup and processing rules, online reporting, and a complete audit trail for regulatory compliance. Customers operating in different countries and industries can efficiently and effectively meet varied and changing cash flow reporting requirements at local or consolidated levels.

Inventory Management

Radio Frequency Identification Tags (RFID) has become one of the hottest topics in inventory management today. Recent mandates by channel masters such as Wal-Mart and the U.S. Department of Defense require suppliers to support tagging and the identifying of inventory for tracking by wireless, non line-of-sight RFID systems. The value proposition is twofold: better global visibility, and hence, better inventory control. The other value is in streamlining the manual requirements of relabeling and re-identifying individual cartons. PeopleSoft Inventory provides support for RFID to enable its customers to comply with the recent mandates and streamline their own operations.

PeopleSoft's universal item ID feature enables you to maintain and store universal product numbers (UPN), global trade identification numbers (GTIN), global location numbers (GLN), and other industry item identifiers on your PeopleSoft system. For example, GTIN and GLN data can be registered with the Uniform Council Code (UCC). GTIN and GLN data is maintained in a global registry supported by the UCCNet, which is a branch of the UCC. The PeopleSoft UCCNet support feature enables you to publish data to the global registry by going through a non-PeopleSoft partner, which makes the data available to your customers.

PeopleSoft maintains the GTINs as the basic numbering convention for the RFID. GTINs are unique product/quantity combinations to be used between trading partners to buy and sell products. As the system of record, inventory management provides item synchronizations for item/unit of measure and ship to location updates. RFID also enables users to comply with new industry agreements such as Sunrise 2005, which require manufacturers to procure and sell using the GTINs.

PeopleSoft provides universal item ID type codes that are used for entering a global trade item number within a SET ID. This value also determines which universal item identifier represents GTIN data when publishing to the UCCNet, and the GTIN to be used when generating RFID tags.

Asset Management

PeopleSoft extends the use of Book Codes to asset management to increase recording flexibility by enabling the user to handle multiple GAAPs within the same ledger. For the most part, accounting entries are common between all GAAPs. However, most GAAPs differ from other GAAPs for only a minority of entries and accounts. The strength of this feature is that instead of duplicating common entries, book codes enable differentiation between common and individual GAAP-specific treatments while allowing organizations to handle multiple types of books within a single ledger. Using PeopleSoft Asset Management book code functionality in its Book Code Distribution Group feature, you can define a set of book codes to be used when distributing accounting entries for multiple GAAPs within one book.

IAS 36 introduced the concept of cash generating units (CGU) in situations where it is not possible to estimate the recoverable amount for individual assets. When identified, an organization must determine the recoverable value for the CGU to which the asset belongs. A CGU is defined as the smallest identifiable group of assets that generates inflows from continuing use that are largely independent of the cash inflows from other assets or groups of assets. Asset Management enables you to define CGUs as a group of ChartFields or categories, to allocate to associated assets, and to undertake impairment using CGUs as a basis. This provides an online audit trail of the approach taken to comply with the standards.

PeopleSoft Document Sequencing is available in asset management. You can automatically assign a sequence number to each document (additions, adjustments, retirements and impairments, and so on) that you create. You can also enter sequence numbers manually. When the document is posted, the document sequence number is carried forward to the set of accounting transactions generated from the document. When you delete, change, or unpost a document, the document sequencing feature assigns

a new sequence number to each set of accounting transactions generated from the action initiated for that document.

Depreciation Methods

PeopleSoft supports all of the commonly found depreciation methods. In addition, Multi-shift depreciation is available to increase functional flexibility. It enables you to define depreciation by shift with further definition by accounting period to accelerate depreciation based upon usage. Accelerated depreciation increases your organization's recognized depreciation expense and potential tax benefit in a given fiscal year. You can define a multi-shift usage schedule far in advance of actual production, precluding the task of manually modifying tables as production schedules change.

Bank/Accounting Calendar Processing

With PeopleSoft, you can define business calendars for the different areas of the globe in which your organization conducts operations. As part of this process, you can tell the application how to deal with the various bank and business holidays that affect your business year in various part of the world. The functionality has a variety of options that allow users to dictate when financial items that fall on a bank holiday should be processed, for example, Due After Holiday or Due Before Holiday.

Enhanced Adjustment Processing

With the move toward compliance with international accounting standards, organizations must disclose those adjusting entries applicable to a prior fiscal year even if they have no material effect on the balance sheet. Multinational companies have used manual spreadsheets to track and control this activity, which uses valuable time, lacks the appropriate levels of control, and unnecessarily lengthens closing and reporting cycles.

PeopleSoft enables you to simultaneously record non-adjusting events to a prior fiscal year while allowing a business to manage financial adjustments in the current year.

Statutory/Standard Reports

PeopleSoft Enterprise Billing, General Ledger, Expenses, Payables, and Receivables provide several reports to fulfill European statutory reporting requirements. Though the reports are designed specifically to meet these requirements, you can run these reports even if you do not use Document Sequencing and Multi-Book features. They include journal entries that have been distributed to PeopleSoft General Ledger.

The following reports are available:

- Journal Detail.
- Journal Summary by Journal Type.
- Journal Account Summary.

- Balance by Account/ Third Party or Employee.

- Balance by Third Party or Employee/Account.

- Transaction Detail by Account.

- Transaction Detail by Third Party or Employee.

Regulatory Ledgers and Reporting

Regulatory Ledger Reports restate ledger balances that are stored in the PeopleSoft Ledger table based on external regulatory requirements. They enable you to restate ledger balances based on PeopleSoft ChartFields (such as Account and Department ID) as ledger balances based on external ChartFields that a regulatory body (such as a government organization) mandates for reporting purposes.

You can use the Regulatory Ledger Reporting feature to:

- Generate ledger file extracts.

- Build a regulatory ledger.

- Review the translated data and any translation errors that might occur.

Service Procurement

Many PeopleSoft Services Procurement customers are multinational global corporations that require business process flexibility to meet the requirements of the countries in which they operate. Services Procurement has global capabilities driven from exhaustive international requirements gathering.

Additional time reporting rules and calendar functionality have been added to PeopleSoft Services Procurement to improve the ability to manage complex time reporting globally. New calendaring functionality enables you to configure the look and feel of time and expense capture so that end dates and page configuration can be tailored to end users' needs. Complex overtime is supported with the addition of rules that are sequenced and can be calculated to support a broader set of contracts and service level agreements. Calculations can be configured in a hierarchy to support hourly, daily, weekly, monthly, and holiday. Enhanced time reporting ensures compliance with localized time reporting and pay rate regulations to streamline the time reporting process.

Project Accounting

More and more, organizations perform project work in offshore locations to take advantage of more affordable labor. To account for this trend, you can cost or price labor differently for roles that are performed on a project at different locations around the globe. PeopleSoft Project Costing provides Project Role Rates by Location to accommodate this increasingly important staffing model. When you use PeopleSoft Program Management and Resource Management with Project Costing, you can assign multiple rates to a project role based on different regions.

Commitment Control

As emphasis increases on the ability of enterprises to control their internal and external costs while contending with complex projects that entail dispersed sites, workforces, and suppliers, there is an increased requirement for these activities to be subject to tighter financial control and predictability.

For project-based organizations, exceeding budgets can quickly result in significant operational losses. Commitment Control is a feature of PeopleSoft Financials, ESA, and Supply Chain Management that enables you to control commitments and expenditures automatically by checking them against predefined, authorized commitment budgets. Control is established by taking into account not only actual expenditures against budgets, but also imminent future financial obligations known as pre-encumbrances and encumbrances (such as requisitions, purchase orders, contracts, or other commitments). Final project costs can be forecast and corrective actions can be taken in advance of problems, for example, by increasing the budget, by billing the customer for extra services, by reducing project scope, or by stopping new commitments or transactions when the budget is depleted.

PeopleSoft Commitment Control enables you to maintain budgets and to not only track but also control commitments against those budgets in a consistent manner throughout the enterprise.

Conclusion

PeopleSoft is built on the business requirements of key markets, which require global business processes and practices. PeopleSoft delivers, within a single product, a remarkable set of global functionality such as multicurrency, Multi-Book, Multilanguage, and global tax and withholding processing. This comprehensive set of global functionality provides tremendous flexibility for global implementation under any accounting model. Global Enterprises can choose to implement PeopleSoft in a centralized site located in one country (perhaps to support a shared service center) or in multiple sites located in multiple countries, and any combination of the two options.

PeopleSoft is continually working directly with banks, corporations, and external auditors and consultants to collect information around the world to design new global features for the benefit of our existing and future customers.

Appendix

Country Localizations Functionality: Global Features

CATEGORY	PRODUCT	FEATURES DELIVERED
Debit/Credit Visibility	All	• Ability to display Debits and Credits Amounts for transactions in ALL applications creating accounting entries - Option set up at the Operator Preferences. • Two columns to display the amount in the pages and Statutory reports.
Multi-Currency	All	• Currency precision of 7 decimals for exchange rates currency precision per currency; • Revaluation at three possible levels BU level Third Party Level Item; • Level Voucher level; • Post gains and losses to different accounts ; • Revaluation reports; • Transaction and Base Currency Visibility; • Currency Conversion Utility Flexible rules-based design; • Multi-currency bank accounts; • Multi-currency reports and inquiries; • Ledgers in multiple currencies in synch real time; • Gain and Loss Calculations on Discounts.
Financial Sanctions	All	PeopleSoft provides you the ability to download the list of SDNs from the OFAC, the European Union, as well as enterprise sources. Once installed, you can manually search the list to validate vendors. In addition to manual searches, you can enable searches to be performed automatically when processing transactions. If, for example a vendor name or address matches one on the SDN list, PeopleSoft provides a process for administrators to verify that the match is correct and prevent any financial transactions from occurring with that individual or entity or approve the transaction if the match proves to be a false positive.
Multi-GAAP Accounting		Support of: • Multi-Ledgers approach; • Alternate Account with mapping to another GAAP; • Book code approach; • Combinations of the above.
VAT Processing	All	- Calculation at Gross or at Net; • Delivery points at Invoice, Payment, Accounting Date or Delivery; • Rounding Rules with the following methods: Natural Rounding or up or down; • VAT Triangulation, VAT Simplified Triangulation, Commissionaire Structure; • VAT Recovery and Rebate Management non recoverable VAT included in Inventory and Receipt accrual and Budget checking; • VAT ChartField analysis, accounting for non-recoverable VAT; • VAT apportionment Control: Transaction BU or Distribution GL BU or Transaction GL BU;

		• VAT Registration Ids check digits and VAT Registration Duplicate checking;
		• VAT defaults:
		o OTC: Default by Charge Code Customer Discount Product Group Product Surcharge;
		o PTP: Origin Control Group Vendor Item Category Item ;
		• VAT in GL for Journals and Allocations as well as Interface with non PS applications;
		• VAT only Invoices;
		• VAT exoneration, VAT Suspension for a range of dates;
		• VAT Registration ID validation by country;
		• VAT Invoice amounts in reporting currency;
		• VAT tolerance;
		• VAT on Procurement Card;
		• VAT on requisitions;
		• VAT on goods and services;
		• EMEA 2010 VAT Package supports:
		o New translate value for field 'EC Sales List Type' on the VAT Transaction Type record;
		o Updated message to be displayed on sales invoices for transactions involving the intra-EU supply of services;
		o Modifications to the Crystal Report layouts for existing EC Sales List reports to report services;
		o Modifications to the Crystal Report layouts for existing VAT Return reports, Update of the VAT Report Definitions for existing VAT Return reports;
		O Documentation for Manual .
Bank Holiday Processing	All	• Bank Holiday Processing per country.
Address/contact information	All	• Address formats based on the country's format.
Multi-Language	All	• Languages: Japanese, International English/English, German, Dutch, Spanish, Portuguese, French, Canadian French, Simplified Chinese, and Italian.
Language	All	• More than 200 languages are supported,user-defined language preference and recipient language management, and terminology management are also supported.
Charts of Accounts	All	• Account (Consolidation, Statutory reporting, Control account: Prevent Online Entry to Control Accounts);
		• Alternate Account (Delivered ChartField, Consolidation, Statutory reporting, mappings).
Bank Account	All	• International MICR;
		• Multiple Payment Currencies from a Single Bank Account;
		• Value Date Days attached to the Bank Account to calculate Cash Position or to calculate interest;
		• IBAN International Bank Account Number provides an International standard account identifier for identifying an account held by a financial institution, in order to facilitate automated processing of

		cross border transactions. Allow entry of IBAN directly and provide validation.
Field Definition	All	Support for large amounts: 23.3.
Commitment Control	All	• Commitment Control uses a centralized approach to address budget control and encumbrance accounting throughout the enterprise; • Two types of budget control: system enforced and early warning; • Supports multiple budget types; • Real-time or batch response; • Budget exception handling; • Budget data available to dept managers.
Intrastat Processing	All	Intrastat reporting on the physical movement of goods between European Union (EU) member states. PeopleSoft delivers populated tables that contain fiscal regimes or statistical procedures, and nature of transaction codes. Additional features to support Intrastat are: • Compliance with European laws; • Form N and R provided; • Intrastat Flat File for IDEP package; • Setup provided by country.
Means Of Payment	All	• Payments, acknowledgements and bank statements can be received or created in Receivables, Payables (Pay Cycle Manager), eSettlements, Expenses (Pay Cycle Manager) and Treasury Management; • The Financial Gateway allows integration with third party applications using flat files, component interfaces, PeopleSoft Integration Broker, and Business Process Execution Language (BEPL); • Means of payment include Automated Clearing House, Drafts (customer EFT, customer initiated, vendor initiated), Giros (EFT, manual), Letter of credit, Check (manual, system), Wire (report, treasury wire flat file), EFT formats per country, Direct Debit, credit card processing; • Single Euro Payments Area (SEPA) Support – SEPA Credit and Direct Debits Transfers, – Rulebook 6.0, Exception Handling process • – ISO 20022 Standard Messages in XML Format. • – Protocol EBICS (Electronic Banking Internet Communication Standard) supported; it allows for sending SEPA compliant files & new ISO 20022 standard messages in XML format to banks. EBICS attributes should be specified on bank integration layouts. • Specific Payment formats adapted to each country XML payments, SWIFT library.
Reconciliation reports	All	GL with subsystems.
Payment Terms	All	Installment Payments based on Flexible Start Dates: • Divide amount due equally or by percentages; • In full, regular, extended plan billing options; • Option to apply service charge;

		• Invoice formats to show installment information; • Optional installment summary statement.
Document Sequencing	All modules creating accounting entries	• General setup provided; • Numbering by Document, document type or Journal code, and GL BU; • Mapping of document types per transaction type; • Ability to map document types from subsystems to GL documents types; • Document Sequencing for recurring, spread, unpost journals (Contracts and Expenses do not have Document Sequencing yet).
Asset Management	AM	In certain countries, the government regulations allow companies to revalue their assets by a certain percentage. The revaluation percentage is specified on the original cost of the asset. Separate sets of accounting entries are required at the time of addition and at each subsequent transaction. Other global features provided: • Inflation index in assets for Chile, Mexico, Argentina and Turkey; • Depreciation method by country and user defined depreciation methods; • Business Tax; • Accelerated Depreciation; • Dynamic Bonus Depreciation; • Group Asset Processing; • Retroactive Rate Changes; • Depreciation Allocations; • Depreciation by shift with further definition by accounting period to accelerate Depreciation based upon usage; • Multi-Book increasing the recording flexibility by enabling the user to handle multiple GAAPs within the same ledger. For the most part, accounting entries are common between all GAAPs. The strength of this feature lies in the fact that most GAAPs differ from other GAAPs for only a minority of entries and accounts. Instead of duplicating common entries, book codes enable differentiation between common and individual GAAP-specific treatments while allowing organizations to handle multiple types of books within a single ledger. IAS Specific Capabilities: • International Accounting Standard (IAS) 36 Impairment of Assets requires companies to undertake an effective impairment test cycle for assets on at least an annual cycle at the balance sheet date. Automation of the impairment process by providing the user an impairment worksheet, which allows companies to assess potential impairment on user-defined dynamic selections. The impairment worksheet enables the user to enter recoverable amounts and automatically calculates potential impairment losses. Subsequent to this review, the impairment worksheet passes the calculations to generate the associated accounting entries enabling the user to recognize these adjustments in their accounts. Definition of CGUs as a group of ChartFields or categories to allocate to associated assets, and to undertake impairment using CGUs as a basis. This provides an online audit trail of the approach taken to comply with the standards. • FASB-13 or IASB-17 Straight-line Accounting: Compliance with straight-line accounting functionality you can: o Predefine which recurring rents and operating expenses should apply the straight-line accounting rules and then modify specific financial terms during lease entry as

		desired.;
		o Enter and/or adjust dates within the overall lease time-span or periods within that span during which the transaction amounts should be applied. These are then taken into consideration for the straight-line accounting;
		o Apply the straight-line rule in conjunction with your company's monthly close process;
		o View or edit the proposed straight-line schedule in a grid format. ;
		o Reapply straight-line rules to existing active leases to take into consideration adjustments to the financial terms or the overall lease time-span.
		• IFRS 16 for property, plant and equipment:
		o Track the fair market value (FMV) of assets to be used in the revaluation process;
		o Ability to write off accumulated depreciation of assets at the time of revaluation;
		o The Revaluation Worksheet streamlines the process of mass asset revaluation. ;
		o Option to stop processing depreciation if the asset net book value (NBV) is less than its salvage value.
Withholding Processing	AP	• Withholding calculation based on payments and/or Invoices;
		• Tiered based withholding percentages;
		• Period based withholding calculations;
		• Jurisdiction dependent withholding percentages;
		• Withholding calculations based on relationship between business unit and vendor;
		• Ability to exonerate a vendor from withholding on a percentage basis;
		• Ability to add fields for report purposes at the Business Unit and Vendor Level;
		• Prevent withholding if the transaction or withholding amount is less than a set amount;
		• Ability to override withholding basis amount and percentage at the voucher line level;
		• New fields to be added for descriptive purposes at the voucher level.
		• Ability to reduce the withholding amount by a fixed amount on a particular voucher;
		• Ability to apply full withholding on the first payment only;
		• Ability to calculate withholdings from payment, current or a specified date;
		• Ability to manually update period based totals when issuing manual checks;
		• Ability to accept loss of withholding for foreign vendors;
		• Withholding calculation based on invoices;
		• Support of electronic signatures to enable EU compliance for receipt of electronic invoices.
Direct Debit	AR	Direct debits are a contractual method for collecting payments and receipts. The vendor and customer set up a contract that enables the vendor to collect an amount due for specific goods or services directly from the customer's bank through electronic funds transfer (EFT). PSFT Receivables provides automated remittance processing based on the agreement with the customer.
Doubtful Receivables	AR	• This process moves AR Items out of the AR trade account and into an AR doubtful account in the GL;
		• AR Aging by Account inquiry showing which AR Items are doubtful.
Draft Processing	AR, AP	• Accounting entries based on draft type;
		• Draft Processing attributes by bank account;
		• Document sequencing ;

		• VAT on payment of draft.
Statutory Reporting	AR, AP, BI, EX	The following reports are available whether or not document sequencing is enabled: • (AR, BI), AP, EX Journal Detail ; • (AR, BI), AP, EX Journal Summary by Journal type; • (AR, BI), AP, EX Journal Account Summary; • (AR, BI), AP, EX Balance by Account/ Third Party; • (AR, BI), AP, EX Balance by Third Party/Account; • (AR, BI), AP, EX Transaction Detail by Account; • (AR, BI), AP, EX Transaction Detail by Third Party.
Letter Of Credit	AR, OM, BI	• Support for capturing and tracking requests; • Support for capturing and tracking letters of credit information including amendments; • Recording, settling and accounting for all fees; • Settling letters of credit.
VAT Reporting	GC	General Components: • Reconciliation reports (VAT Transaction reconciliation, Taxable Basis reconciliation, Zero-rated VAT reconciliation, Account Balance reconciliations); • International ESL file Extract; • VAT Audit Files; VAT Audit: Audit data can be extracted through a series of queries that generate a set of XML files containing transaction and master file data that can be used to create the SAF-T (**S**tandard **A**udit **F**ile for **T**ax purpose) file in the required format; • VAT Return Justification: The VAT (value added tax) Transaction Report provides the details of the totals on VAT returns for use in audits and for the justification of the accumulated amounts that are reported in VAT returns. The VAT transaction report can provide a list of all transactions accumulated as a total for a specific line or box on a delivered VAT return if the VAT return does not have embedded logic or formulas that prevents a direct reconciliation with the related, or underlying, transactions; • The VAT transaction report is built from and based on the same set of data from which the VAT return values are derived for a specific line or box on the VAT return but instead of giving a summarized amount, it retrieves the detailed information.
Consolidation	GL	• Consolidation at ledger level; • Consolidation at a summary ledger level; • Consolidation disparate COAs at a detail level; • Consolidation on Alternate Account; • Cash Flow Reporting (Indirect and Direct methods provided).
Closing	GL	• Independent Open/Close (by transaction type) of subsystems; • Mass Update Process enables the Open/Close for multiple BU and ledgers across applications; • Multiple Adjustment Periods (up to 998); • Adjustment Processing PeopleSoft enables you to have different adjustment periods open at the same time for two fiscal years. For example, assume the current time frame is January through mid-February of 2010 and your work must continue on the completion of the year-end close for

		2009. You can make both the years 2009 and 2010 open adjustment years with different adjustment periods; • Ad-Hoc Net Income Close; • Year-End Close Journal.
Time Zone	All	Date and time based on the user's country.

Country Localizations Functionality: France

CATEGORY	PRODUCT	FEATURES DELIVERED
Depreciation	AM	Derogatory Depreciation: This method is similar to the standard declining balance or straight line. The difference is that in France the first year is considered at a full year; the depreciation in the economic book begins at the first day of utilization of the asset. In the statutory book, the depreciation begins at the first day of the purchase date. If the asset is retired the provision for Derogatory Depreciation has to be reversed if the asset is not fully depreciated. The system calculates the Derogatory difference in deprecation between books economic vs. fiscal and creates accounting entries for the difference.
AM Reporting	AM	• Business Tax; • 2054 and 2055 reports.
Withholding Management	AP	Setup provided.
Withholding Reporting	AP	DAS2 report.
Method Of Payment	AP, AR	• EFT ETEBAC I,II, III, V, Domestic Payments (length 160) AP; • EFT ETEBAC, I, II, III, V, International Payments (length 320) AP; • EFT ETEBAC, I, II, III, V, Draft to be paid (length 240) AP; • EFT ETEBAC, I, II, III, V, Draft answer to banks (length 240) AP; • EFT ETEBAC, I, II, III, V, Direct Debit (length 160).
Doubtful receivables	AR	• Process to move AR Items out of the AR trade account and into an AR. doubtful account in the GL; • AR Aging by Account inquiry showing which AR Items are doubtful.
Statutory Reporting	EX, GL	Bilan et Compte de résultats (Nvision reports).
VAT Processing	GC	• VAT Setup provided • VAT for AR Prepaid Accounting: ○ Customers in France requested changes to the way VAT is accounted for on an advance payment for a sales transaction. Currently, because the AR-Prepaid account records the prepayment without tax, the customer balance accounts (AR and AR-Prepaid) are underestimated. Customers are doing a manual adjustment in GL to regularize the VAT in customer accounts. Release 9.1, meets these requirements by including the VAT amount in the accounting entry in the AR-Prepaid account. To balance the transaction, a new accounting entry will be entered in a VAT to Adjust account. Also, when a prepayment is applied against an invoice, or written-off, the amounts in AR-Prepaid account and VAT to Adjust account will be reversed accordingly.

		• VAT recoverability changes on assets: The Recoverability coefficient (use type) is now the result of the product of three coefficients:
		
		      o Coefficient of constraint (usage – given by companies)
		
		      o Coefficient of taxation (activity – given by companies): This coefficient calculation is similar to the previous apportionment or VAT Use Type:
		
		      o Numerator: Yearly taxable amount of transactions subject to VAT and recoverable
		
		      o Denominator: Yearly total net of all transactions recoverable or not recoverable
		
		Note. This coefficient is determined outside our applications and is the total responsibility of companies. If there are several activities, mixed apportionment can be used to store coefficients of taxation by activity.
		
		      o Coefficient of admission (regulatory – given by Tax authorities).
		
		Asset Creation through Payables/Asset Management Interface.
		
		All coefficients have 2 decimals, rounded up to the second decimal for each one of those coefficients.
		
		Asset Creation/Update in Asset Management with the necessary attributes to calculate VAT recoverability adjustments.
		
		Yearly adjustments to account for a variance of the product of Final coefficient of constraint by the final coefficient of taxation versus the product of Reference coefficient of constraint by the Reference coefficient of taxation during the VAT Recoverability Adjustment Period.

VAT Reporting	GC	• CA3; • Reconciliation reports.
Codes	GC	Support for SIREN/SIRET codes Support for NAF industry classifications.
Year-end Processing	GL	All Balance Sheet and P&L accounts have to be closed into a Year-end closing journal. Also, all carried forward balances have to be listed in a report called "journal des a nouveaux."

Country Localizations Functionality: Italy

CATEGORY	PRODUCT	FEATURES DELIVERED
Document Sequencing	All	Setup provided.
VAT	All	• Setup provided; • Deferred VAT processing; • VAT Registration ID Check Digit and Fiscal Code Check Digit; • VAT liquidazione report; • AP VAT register; • AR/BI VAT register.
Depreciation	AM	• Low value Asset Processing; • The straight-line depreciation is the standard economic method used; • Business Tax; • Assets revaluation; • AM Register.
Withholding Reporting	AP	• Setup provided;

		• WHD certificate; • File for Modelo 770.
Methods of Payments	AR, AP	• Domestic CBI EFT file outbound plus Supplier Advice Letter layout and Bank Advice Letter layout. The Supplier Advice Letter is sent in parallel to the file creation to Supplier the Value Date information is printed on the Supplier Payment Letter and the Bank Payment Letter Value Date Processing implying that External Bank accounts include Value Date option per Payment method and collection disbursement. • RID is the Italian Direct Debit format, where the flow is the same as the current Draft one. • RIBA or Bank Receipt is a Receivable collection instrument. Its process flow is the same as the current AR Draft one.
Statutory Reporting	GC	• Libro Giornale; • Libro sezionale; • Trial balance; • Customer/Supplier listing.
Intrastat	GC	EDI File IDEP .
Codes	GC, TR, AP	The National Remitter ID is given by the country Central Bank (Banca di Italia - SIA).
Chart of Accounts	GL	Setup provided.
Year-end Processing	GL	All Balance Sheet and P&L accounts are closed into a Year-end closing journal. Also, all carried forward balances are listed in a report called "journal des a nouveaux.
Shipping Document	IN	The Shipping Document should state: • The reason of the shipment. Reasons for shipment are standard: Sales, Shipment for Processing, shipment after processing, etc. Reason Codes should be user defined; • The carrier.
Bank Account	All	• IBAN (International Bank Account Number) provides an international standard account identifier for identifying an account held by a financial institution. IBAN is supposed to be used in cross border EFT transactions; • Bank account validation CAB/ABI.

Country Localizations Functionality: UK

CATEGORY	PRODUCT	FEATURES DELIVERED
VAT Processing	All	• VAT setup provided; • For Transaction in foreign currency, VAT is stated in £; • VAT Audit Extract files (Input & Output VAT file extracts, Input & Output VAT Accounting file extracts).
VAT Reporting	GC	• UK EC Sales List as an XML file which may be submitted to HMRC; • VAT Return; • Reverse Charge Sales List. This report lists domestic business sales that are subject to reverse charges and the VAT that is due from the purchasers on these sales.
Tax Processing	AP	Setup provided.
Withholding Reporting	AP	CIS Construction Industry Scheme. Monthly return listing details of any deductions made from payments.

Methods Of Payment	AP	• Electronic Funds Transfer BACS.

Country Localizations Functionality: Germany

CATEGORY	PRODUCT	FEATURES DELIVERED	CATEGORY
Methods Of Payments	AP, AR	• Electronic Funds Transfer called DTAUS; • Domestic Payments AP, AR Electronic Funds Transfer called DTAZV and International Payments AP.	Zahlungsmethoden
Depreciation	AM	• Half year Convention; • Geometric Digressive Depreciation; • Low Value asset Processing (Assets under a certain amount will be expensed and Low Value Assets will be fully depreciated in the first year); • Extraordinary Depreciation on top of standard ones ex: Multi-shift and Inverse Depreciation; • Appreciation: In compliance with German tax law, auditor mandated appreciation increases an asset's NBV. The increase in NBV does not affect the depreciation rate in the year appreciation is applied, it increases the amount of depreciation in subsequent years due to the increased NBV. Additionally the appreciation amount is posted to a separate GL account as either an addition or adjustment to Cost or to a separate depreciation account. Appreciation must be accounted for on the Asset History sheet in a separate column.	Abschreibungen
Reporting	AM	• Asset History Sheet; • Physical Inventory reports; • Depreciation History reports; • Reconciliation reports; • Percentage based depreciation ; • Low value assets; • Geometric Digressive Depreciation; • Support for "Sonderabschreibung"; • Support for "Sonderposten mit Rücklageanteil"; • Full/Half Year method; • Support for "Zuschreibungen" .	Berichtswesen – Anlagebuchhaltung
VAT	AP, AR, BI	• Standard Setup; • Recalculation at Payment time; • Possibility to create separate GL accounts for VAT code; • VAT on advance payments (AR, AP); • Capability of entering an accounting date for unposted transactions; • Accounting at Net according to the German accounting rules (ACCRUE the discount amount on a separate	Umsatzsteue

		account).	
Statutory Reporting	All	• The Day book lists the accountable events in objective formation; • Journal. The journal lists the accountable events in chronological sequence; • Balance sheet and profit and loss statement; • Value-added tax return; • VAT transaction report by Customer and Vendor; • Balance Sheet; • Profit & loss statement; • VAT reconciliation.	Berichtswesen generell
Multicurrency	AP, AR	Revaluation by item.	Fremdwährung

Country Localizations Functionality: Japan

CATEGORY	PRODUCT	FEATURES DELIVERED
Alternate Character	GL, AP, AR, AM, EX	Furigana fields for Customer/Vendor/Bank Name.
Imperial Calendar	GL, AP, AR	General Ledger Report in GL, AP, and AR.
VAT Processing and Reporting	All except DM, CO	Standard Set Up Automated calculation/generate accounting entry with Consumption Tax transaction Consumption Tax processing on asset sales in AM Rounding Option - Normal Rounding, Round Down Reconciliation Report.
Withholding Tax Processing and Reporting	AP	Tiered Withholding Tax calculation. Reporting: • Shiarai Chosho; • Year End Report.
Debit/Credit Visibility	GL	• Option at Installation; • Storage of separate Dr/Cr balances in ledger; • Accounting Entries, Inquiries, Reports (Ability to display Debits and Credits Amounts for transactions in ALL applications creating accounting entries).

Method of Payment - EFT	AP, AR	• EFTs:
		    o Zengin format processing;
		    o General Transfer(GENX) in AP;
		    o Draft EFT (KIJ) in AP;
		    o Regular EFT in AR;
		    o Draft EFT in AR;
		    o Direct Debit in AR.

		• Bank Transfer Charge Functionality.
Method of Payment - Draft (Tegata)	AP	• Japanese Shiharai Tegata processing; • Automatic Due Date calculation using Site and Base Date; • Automated accounting entry for Due Date; • Stamp Tax Minimization; • Draft EFT(KIJ) processing; • Draft Management reporting.
Method of Payment - Draft (Tegata)	AR	• Japanese Uketori Tegata processing; • Collection; • Discount; • Endorsement; • Dishonor; • Collateral Automated accounting entry for draft each life ; • Receiving Draft EFT.
Bank Information	AP, EX	Search External Bank Branch File.
Bank Holiday	AP, AR	Support of payment date 'Before' and 'After' bank holiday for EFT and Draft Due Date.
Rounding Option	VAT enabled, GL, AM	Rounding Option.
Japanese Depreciation Rules	AM	• Tangible Assets - Straight Line and Declining Balance Method • Intangible Assets - Straight Line Method • Change Depreciation Method (DB <->SL) • Seeded Japanese Depreciation Rate Table • Depreciation Limit
Japanese Depreciation Methods	AM	• J1 Japan - Tangible/Declining Bal • J2 Japan - Tangible/Strt Line • J3 Japan - Intangible/Strt Line • J4 Japan - Lease Depreciation • J5 Japan - Changes DB to SL DB to SL • J6 Japan - Changes DB to SL 250 • J7 Japan - Tangible/Strt Line Rev • J8 Japan - Changes DB to SL 200 • JE Japan - Extended/Strt Line

Country Localizations Functionality: Canada

CATEGORY	PRODUCT	FEATURES DELIVERED

Setup	All	GST, QST, HST, Withholding.
VAT	All	GST, QST, HST including public service body rebates.
Tax	All	Sales Tax, which handles Canadian provincial sales tax.
Alternate Account	All	Alternate Accounts can be used to report using the Canadian GIFI (General Index for Financial Information).
Asset Management	AM	Capital Cost Allowance CCA Year-end report.
Withholding	AP, Global	Global withholding processing and reporting which handles Canadian income tax to be withheld on payments TA4 report T4A-NR report.
EFT	AP, Global	Canadian Bankers Association standard EFT layout.
VAT Reporting	Global	Canadian GST return report, Canadian VAT recoverability split by authority report to separately reporting QST from GST.
Export documents	OM	Customs Invoice Report (For cross-border shipments).
Setup		Business Number validation.

Country Localizations Functionality: Spain

CATEGORY	PRODUCT	FEATURES DELIVERED
Withholding Reporting	AP	Report 190 (File and report).
Withholding Management	AP	• Standard setup; • Ability to withhold on certain invoices; • Multiple payments withheld for an invoice; • Ability to cancel a payment once recorded as withheld.
Methods Of Payment	AP , AR	• Checks • Direct Debits - CSB19 • Credit Transfers - CSB34 • Bank Statement - CSB43 • Drafts - CSB58
Statutory Reporting	AP, AR	• Modelo 347 - List of Vendors/Customers with business over a certain threshold. • Modelo 340 - This file is a periodic reporting file that displays information from several sources: Invoices that have been Issued, Invoices that have been Received, Transactions pertaining to investment goods, and Inter EU transactions.
Doubtful receivables	AR	Management of doubtful receivables, correct accounting entries.
VAT Processing	GC	• Surcharge equivalent; • VAT Registration Id Check Digit Program (NIF (WHD vendors) and CIF (Companies)).
VAT Reporting	GC	• VAT return Modelo 320 for Large companies; • Input VAT Listing (Detail) "Libro registro facturas emitidas"; • Input VAT Listing (Summary by Transaction Type, VAT Code); • Output VAT Listing (Detail) "Libro registro facturas emitidas";

		• Output VAT Listing (Summary by Transaction Type, VAT Code).
ChartField	GC	COA provided.

Country Localizations Functionality: Switzerland

CATEGORY	PRODUCT	FEATURES DELIVERED
Methods Of Payment	AP	• Electronic Funds Transfer called DTALSV-TA826 Domestic and International Payment PTT; • Electronic Funds Transfer called DTALSV- TA827 Domestic Bank Payments.
VAT Reporting	GC	• VAT Return; • Reconciliation.
Method of Payments	AP, AR	• DTALSV-TA826 Domestic & International Payments PTT • DTALSV- TA827 Domestic Payments

Country Localizations Functionality: Netherlands

CATEGORY	PRODUCT	FEATURES DELIVERED
Methods Of Payments	AP , AR	EFTs: • BTL91 International Payments; • ClieOp2 Domestic payments; • ClieOp3 Domestic payments with EURO; • Giro format (Ola) integrated in Customer statements and Customer Dunning letters.
Bank reconciliation	TR	When entering a bank statement, the system should - from the bank statement entry panel - jump into AR payment application, AP reconciliation, or GL Journal Entry conversations. It should NOT be required to have a deposit entered before the bank statement.
VAT Reporting	GC	• VAT Return; • Reconciliation reports.

Country Localizations Functionality: Australia

CATEGORY	PRODUCT	FEATURES DELIVERED
Asset Management	AM	Non-Capitalized Asset Cost.
Asset Management	AM	Capital Gains Tax.
Asset Management	AM	Asset Revaluation.
VAT	AM	• Track Change in Creditable Purpose of Fixed Asset • VAT Recoverable & Non- .
VAT Reporting	ALL	VAT reporting for BAS & eBAS (VAT XML file).
VAT	AP	VAT apportionment control & non-recoverable VAT.

VAT	Expenses	VAT enhancements & corrections for Expenses.
EFT & Direct Debits	AR	BECS – Direct Debits. Bulk Electronic Clearing System

Country Localizations Functionality: Belgium

CATEGORY	PRODUCT	FEATURES DELIVERED
VAT		• VAT On Credit Memos Management; • EC Sales List; • VAT return.
Methods of Payment	AP, AR	EFTs: Isabel, BSI1, BSI4, & DOM80.
Intrastat		Intrastat Report.
Withholding	AP	Fiche 281.50

Country Localizations Functionality: Brazil

CATEGORY	PRODUCT	FEATURES DELIVERED
Statutory Books	All	Accounting Information: • Treatment of Accounting History- all accounting entries should contain a background information which identifies the transaction; • Daily and Ledger Activity Report; • Auxiliary Daily Report; • Auxiliary Ledger Activity Report; • SPED (Public System of Electronic Bookkeeping) - SPED/Fiscal, SPED/Accounting e "Nota Fiscal Fiscal Electronica."
IFRS (CPCs)	All	CPC 01 - Impairment of Assets - Ensure assets are carried at no more than their recoverable amount, and prescribe how recoverable amount is calculated; CPC12 - Present value of Assets - Including Brazilian Assets revaluation Treatment.
Brazilian Taxes Treatment	All	Brazilian Taxes (IPI, ICMS, ICSM ST, PIS/PASEP, COFINS, ISS) Treatment of Withholding Taxes (IR, PIS/PASEP, COFINS, INSS, ISS) Taxes Credit (IPI, ICMS(CIAP) PIS, COFINS e CSLL).
Fines and Interests Calculation	AP,AR	Fines and/or interest calculated at the payment time. Fines and interests calculation as follow : • The values of fine and/or interests are calculated for the bonds whose payment is delayed or whose payment programmed foresee that this will be done in delay; • In case of installment payments the charges Interests and/or Fines are calculated separately for each installment; • Calculations of Interests and Fine obey the known market formula, which is enough to determinate the parameters of this calculation, as for example if the rate will be daily or monthly; • Calculations of Interests by value, Decapitalized interests by percentage, Capitalized interests by

		percentage, Fine by value and Fine by percentage are taking into account; • Parameters which determinate if the payment will be done in delay obey the rules practiced in Brazil in respect to holidays, weekends and "giving days"; and • After the charges calculation of a payment in delay this can suffer a deduction or discount which will affect the final value to be paid.
Brazilian Fiscal Document (Nota Fiscal)	BI, PO, AP All All	Nota Fiscal is a required document for: • Shipping/receiving of goods and services; Inbound and Outgoing treatment; • Fiscal Operations (for example, Mercantile Operations); • Fiscal Document Accounting.
Electronic Fiscal Document - City (Nfe Municipal)	BI	Data extraction to allow NFe creation.
Electronic Fiscal Document - National (NFe National)	BI, PO	Data extraction to allow NFe creation.
Fiscal Books (Fiscal SPED - Public System of Electronic Bookkeeping)	BI, PO, AP, IN, AM, AR	All fiscal data treated by the localization scope is mapped into the fiscal data dictionary. ORCL Partners can use it to build the interface with their solutions to issue fiscal books.
Company Structure Definition at Brazil	All	Fiscal Establishment Definition.
Brazilian Fiscal Document and Taxes impact at Asset Management product	AM	Integrations with PeopleSoft Payables (AP) and Purchase products - Required data will be obtained from the Nota Fiscal, to get the original value (cost) of an asset, as for example: Goods value, ICMS, IPI, PIS, COFINS, freights, insurances, commissions and other legal expenses. According to fiscal rules determined for each tax (ICMS, PIS, COFINS), the Fixed Asset system may include or not those taxes to the items cost.
Brazilian depreciation types (Accelerate)	AM	Accelerated Depreciation is a value decrease of immobilized Asset in an accelerated way, that is, shorter life cycle, in comparison to regular depreciation. Law admits that companies accelerate goods and chattels depreciation, due to daily operation hours (Work Shifts).
Brazilian depreciation types (Accelerated by incentive)	AM	Accelerated Depreciation with Incentive is a tool that has been used by the legislator to subsidize implementation, renewal or modernization of production equipment in specific industries of enterprise activities. The incentive consists of anticipating the deduction of depreciation of goods for purposes of getting the actual profit, gaining, thus, a postponing of the income tax on the activity profit.
Asset Revaluation	AM	The functionality was created to meet Brazilian requirements, associating the main item of their additional values. This association allows us to include additional costs without modifying/adjusting the original cost, and that means total control over values. Through a brand new structure, for the control of Technical Revaluations, called Assets Complements, created to identify the many reasons of a complement (specific laws, revaluations, among others), it will be possible to establish legal and fiscal links between main asset and its additional values.
ICMS Credit Control of an Asset (CIAP)	AM	ICMS Credit Control of an Asset, CIAP module, was incorporated to the PeopleSoft Fixed Asset system; by these means it will be possible to totally control credits/reversing entries of ICMS for an item asset. Credit Control aims at, according to Complementary Law Number 87/1996, with amends in Law Number 102/2000, control credit referring to ICMS installment on assets of Permanent Asset taxed by ICMS.
Automated Asset Transfers, asset retirement and asset copy for Complement Types	AM	Assets Transfer, retirement considering the relationship between main assets and its complements.

and Depreciation types		
Impact of taxes and fiscal document (NF) on Billing	BI	Taxes Calculation based on flexible rules. Treatment of NF flow (ex. Creation, Print, Cancelation, etc) The fiscal document can be a bill of sale, redelivery Nota Fiscal, complementary Nota Fiscal, a Simple Nota Fiscal, etc. You can set up several types of fiscal documents to one class of documents. The goods or service rendering must be accompanied by the fiscal document designated Nota Fiscal. The system allows users to: • Set up Document Type, Set up NF Model (1 or 1-A), Treat number/series/track of Nota Fiscal; • Generate Nota Fiscal of items, services, or both from Shipping, Sales Order, or Planning Message; • Calculate tax; • Print Nota Fiscal, Reprint Nota Fiscal, Cancel Nota Fiscal, Remove Nota Fiscal, Reserve Nota Fiscal, Confirm Nota Fiscal Output; • Write off Stock, enter Stock, Enter Return of Materials; • Generate NF for special operations, Generate Accounting Entries; • Treat Goods and Services Sales in a single Nota Fiscal. The calculation of all taxes is made line by line of the Nota Fiscal following rules that are configured by the user. That process can be fulfilled online or in background. The same calculation is done in the sale order and quotation. The taxes/contributions treated by the system are: • IPI per tax rate • IPI per value • ICMS on proper operation • ICMS under taxation replacement regimen (ICMS-ST); • ISS • Retained ISS • PIS (estimative) • PIS under taxation replacement regimen (PIS-ST) • Retained PIS; • PIS Credit • COFINS (estimative) • COFINS under taxation replacement regimen (COFINS-ST) •Retained COFINS • COFINS Credit; • Retained CSSL • Retained INSS • IRRF – PJ (colligate ou não). The Brazilian Localization makes your solution flexible so as to allow the operability of some aspects of the following Special Commercial Operations: • Commercial Consignment; • Industrial Consignment; • Remittance for Demonstration; • Sales to Order (Triangle Operation); • Sales to Future Delivery. Brazilian Taxes Accounting. All account records related to Nota Fiscal events use the new account structure created by the Brazilian Localization (BI). It is composed by : Distribution Code, NF Entry Type Fields, NF Entry Type, NF Account Template ,Fiscal Operation.
Issue Importation and Exportation Fiscal Documents (NF)	BI	The system is able to issue a NF or NF-e for Importation and Exportation. SPED FISCAL treatment.
Billing Integration with CA, OM, AM and IN	BI, CA, IN, OM	Integration of other core products to the NF Flow. This functionality makes the system able to issue a NF for operation started outside the Localized Billing.

Electronic Payment at Expenses	EX	Ability to use Brazilian bank and employee information.
General Ledger Banking	GL	Legal Reports for Bank customers (Demanded by BACEN): • Daily Report; • Ledger Report; • Trial Balance Sheet. CADOC 4010 - Trial Balance – Analytic; CADOC 4016 - Balance Sheet – Analytic; CADOC 4020 - Consolidated Trial Balance; CADOC 4026 - Consolidated Balance Sheet; CADOC 4040 - Consolidated Trial Balance; CADOC 4046 - Consolidated Balance Sheet; CADOC 4050 - Consolidated Balance Sheet; CADOC 4500 - Conef; CADOC 4510 - Global Bank Statistics; CADOC 4180 - General Analytic Trial Balance; CADOC 4196 - Analytic Patrimonial Balance; CADOC 4780 - Consolidated Analytic Trial Balance; CADOC 4786 - Consolidated Analytic Patrimonial Balance-Sheet.
Impact of Taxes and fiscal document (NF) on Inventory	IN	Average cost for inventory items may be adjusted through interfaces within Purchase (PO) and Payables (AP), by means of Fiscal Doc (NF) and Voucher Accounting, respectively. Some of the processes that can adjust average cost of inventory items are: • Bill of Transportation NF; • Tax Complementary NF.
Impact of Taxes and Fiscal document (NF) ON OM	OM	Provides taxes calculation preview in the Order Management Entry and Quotation.
Pricing List	OM	Option to include Taxes and/or Financial Cost in the services and goods final prices.

Impact of taxes and fiscal document (NF) on Payables		Voucher generation from Brazilian Fiscal Document (NF).
		
		Withholding calculation: IRRF, INSS, ISS e INSS added Withholding Treatment in the accrual and/or payment time.
		Direct Taxes have different characteristics of Withholding taxes:
		_ The values of taxes are not included in the Invoice amount.
		_ Direct Tax payment installment it is not automatically generated
		_ Accounting model of the Direct Taxes values is different from the
		  Withholding Taxes.
		Taxes :
		   ISS, PIS,COFINS, CIDE, INSS (company)
		In addition to the withholding and direct taxes, the Account Payables Enterprise also process accounting of other Fiscal Document taxes :
		_ Recoverable taxes amount (ICMS, IPI, PIS and COFINS);
		_ ICMS complementary;
		_ ICMS substitute;
		_ ICMS substitute on the Transportation Knowledge.

New Payment Method	AP	The Payment via "Bordero" consists of issuing a Debit Authorization in Current Account, in which the

		bank will be based to perform the discriminated payments.
		This document of Debit Authorization should contain a letter of Debit Authorization followed by a listing of the payments to be performed, with the necessary information, such as payment value, supplier to be paid (bank/account, etc.).
Electronic Payment	AP	This functionality includes the files preparation containing data referent to supplier's payment, aiming the process of payments by electronic exchange of files along with the banks. The functionality consists of sending these files to the banks, which will be responsible for the processing of payments both of own bonds and of other banks. It is also contemplated the return of a file informing the occurrences detected in the processing of the file send, referent to the payments data.
IOF LOANS	AP	Withholding - IOF for loans.
Impact of Taxes and Fiscal Document (NF) on Purchasing	PO	Fiscal Document (Nota Fiscal) is a legal document used to receive goods and services. All transported goods should be accompanied by a Fiscal Document, and the company processing the purchase is responsible for verifying all Fiscal Document (Nota Fiscal) information from its Vendor.
		As a consequence, the process of physical receipts of goods, as a rule, is accompanied by the receipt and posterior registration of the corresponding Fiscal Document.
		Matching Fiscal Doc (NF) against PO and Physical Receiving
		Calculation of the Brazilian indirect taxes over the value-added is performed automatically by the system.
		Taxes : IPI, ICMS, ICMS-ST, PIS, COFINS
		Direct Accounting from the Fiscal Doc (NF) for transactions that do not generate vouchers (ex: Transfers, Bonifications, and so on).
Impact of taxes and fiscal document (NF) on Receivables	AR	According to Brazilian law, some taxes must be accountable at Payment Time (Retenções).
IOF Tax	AR,BI	IOF calculation on financials transactions and insurance premiums.
Direct debit for Brazilian banks	AR	Payment method very used for our customers.
Bank collection services	AR	Bank collection services with remittance and without remittance for ITAU.
Imprecheq and Bordero	AP	Checks printing via "Imprecheq" machines.
		"Imprecheq" is a printer for checks. It receives a sequence of basic data (text file) : issuing date of the check, issuing city of the check, name of the supplier, bank number and check amount.
Bank Collection	AR	Bank collection with remittance (Cobrança Escritural).
		Bank collection without remittance (Cobrança S/ Remessa).
Bank statement and bank reconciliation	CM	Bank Statement Capturing; Bank Statement Validation; Bank Statement File inquiry; Bank Transaction Codes Conversion; Semi-Manual Reconciliation Enhancements; Flexibility within the Automatic Reconciliation: _ Automatic Reconciliation Exceptions; _ "Borderô" Reconciliation; _ Transaction Codes Entrance; _ Automatic Generation of External Transactions; _ External Transaction Pages Enhancements;

		_ Accounting Historic ;
		_ Debit/Credit Information on the Bank Transactions;
		_ Exceptions Report;
		_ Match for Bank Transactions Report;
		_ Closure of Bank Reconciliation Report.
Receiver Manifestation Situation	PO	• New page for maintenance of manifestation situation of the receiver
Requisition Transaction Proposal	EProc	• Treatment of transaction proposal in Requisition page

Country Localizations Functionality: Argentina

CATEGORY	PRODUCT	FEATURES DELIVERED
Invoice Treatment	PO, AP, BI, AR	Main features for Invoice and Receipts: • Invoice Types; • Classifications; • Categories; • CAI (AFIP Number); • Numbering; • Quotas payment.
Argentina Taxes	All	Taxes provided: • National taxes (VAT, Ganancias, Internal Taxes); • Province taxes (Ingressos Brutos); • Withholding taxes; • Withholding VAT; • Withholding IIBB.
Bill of lading treatment (Remito)	IN, AM	Remito is a legal document required to move Goods/Materials from different locations.
Payment Methods	AP, AR, BI	Payments methods delivered: • Endorsed check; • Post dated Check; • Payment order; • Pre-payment; • Draft.
Fiscal Reports	AP, AR, BI, IN	VAT ledger report (Subdiário IVA) CITI SICORE RGs provided: _ RG 1361; _ RG 382 DGR; _ RG-1784 (Employer Contr.);

		_ RG 1575 (Bill M);
		_ RG 1769 (SUSS);
		_ RG 1547 (Cancelled Payment Report);
		_ RG1556 (Contr. Cleaning) ;
		_ RG 1557 (Perception Meal Vouchers) ;
		_ RG 2616 AFIP (Regimen de Ret de Impuestos nacionales para Pequenios contribuyentes excedidos en sus categorías declaradas) ;
		_ RG 2177/2485 AFIP (Factura electrónica);
		_ RG 177/339 AGIP CF sobre IIBB (Regimen de Percepcion y Retencion sobre Pequenios Contribuyentes) ;
		_ RG 070/072/073/074 DGR Prov Bs As (Tratamiento a Contribuyentes con Alto Riesgo Fiscal en los IIBB) ;
		_ RG 2739 AFIP (Modificacion al Sistema de Control de Retenciones) ;
		_ RG 251 AGIP CF (Tratamiento a Contribuyentes con Alto Riesgo Fiscal en los IIBB) ;
Financial Discount	AR	Discounts generated by prepayments in relation to the aging or cancellation of documents respecting the trading agreements between parties. VAT taxes are considered and, depending on the case, VAT "Percepiciones" and IIBB also. A file with all discounts and returns to vendors that generated Credit Notes shall be generated. A Credit Note shall be generated with the following characteristics: • Exclusive Number; • Reference to original debt.
Financial Charges	AR	Amount calculated on a debt with overdue date. VAT and "Percepiciones" fall on financial raises. Debit Notes.
Taxes	AM	VAT (Asset Add, other transactions). VAT at PO-AM-AP interface. VAT appropriations on Asset Consolidation and Asset Unitize.
Asset technical Revaluation	AM	Technical revaluation is new amounts assigned to some assets due to legal accounting rules. That embraces the cost and depreciation updates and changes in the assets life cycle as well. It's required a legal rule that defines the assets, revaluation date, etc by assets category.
Asset Transfer by Local	AM	"Remito" is a legal document required to move an assets from different locations.
Asset Add and retirement using excel spreadsheet	AM	EXCEL spreadsheet to input and retire assets considering local taxes, assets revaluations and inflation rates,
Reports A and B from General Bank	AM	These reports list assets updates for a specific period of time, Report A and B deals with Assets and Intangible Assets respectively.
Inflation on Assets	AM	According to Technical Resolution N. 6 of F.A.C.P.C.E and it respective updates on R.T. 10 and 12.
Bank services communications	CM	Bank Statement Capturing, validation, and inquiry.
eSettlements Localization	eSettlements	Treatment of CAI number, Voucher Category and "Percepción" Tax Entry in Self Service Invoice page.

Country Localizations Functionality: India

CATEGORY	PRODUCT	FEATURES DELIVERED
Withholding	AP	• Set up of Tax Registration Information; • Deduction of TDS at Voucher Posting; • Adjustment of Prepayment against voucher and TDS adjustment; • TDS on Works contract, accumulation by Contract once the threshold limit is crossed Withholding applies from the beginning of the accumulation; • Exemption of TDS; • Quarterly Return • Generation of TDS Certificates to Vendors: TDS Certificate (Form 16) Layout Reporting Requirements for TDS Authority.
Taxes	AP	• Central Sales Tax (CST) levied on inter-state purchases Local Sales Tax (LST) levied on intra-state purchases; • Set-up to allow calculation tax hierarchy & rules covering calculation basis, form tracking is also provided; • Extracts of information so that user can prepare data for required formats I.e. returns or statutory returns.
Taxes	PO, AP	Central excise allowing several duties to be included in the hierarchy, rules to determine this tax basis.
Excise Manufacturing		RG1 Register Entry based on the PID completion CENVAT Credit reversal for Scrap /Yield loss thru Excise Adjustment.
Excise Subcontracting		Challan Report.

Excise Duty OTC		• Capture/Storage of Excise Duty for the SO Schedule;
		
		• Print Excise Duty on the Sales Order Document;
		
		• Excise Invoice Creation;
		
		• Excise Invoice number based on the Excise Number Series;
		
		• Group created for different Type of Excise Transactions:
		
		    o Domestic Sales / Depot Sale;
		
		    o Export With Bond / Export Without Bond / Deemed Export;
		
		    o Miscellaneous Dispatches / RTV;
		
		    o Inter-Unit Sale / Stock Transfer – Depot / Stock Transfer – Factory;
		
		    o Manual Excise Invoice;
		
		    o Challan – Sub-Contracting / Challan – Others;
		
		    o Excise ;
		
		    o Excise Invoice Creation.
		
		• Sales From Factory:
		
		    o Entry in Register RG1 (separate process to update registers);
		
		    o CENVAT Credit Utilization from RG23A/C Part II, PLA if on-line utilization;
		
		    o Entry in Register RG23D (separate process to update registers);
		
		    o CENVAT Credit Utilization from RG23A/C Part II, PLA;

		o Print Excise Duty on the Invoice;
		o RMA Adjustment Bill;
		o Default Excise Duty on the Adjustment invoice;
		o Display Excise Duty from Billing;
		o Excise Duty captured in the Excise Invoice ;
		o CENVAT Utilization & Register Update similar to SO shipment;
		o Excise Invoice Capture: Entry to RG23D Register;
		o PLA Payment update into Register;
		o CENVAT reversal for Scrap, Inventory adjustments;
		o CENVAT due to Price Increases on incoming and outgoing materials;
		o CENVAT reversals for Vendor Returns;
		o CENVAT availment on Customer Returns;
		o Excise Invoice cancellations;
		o Miscellaneous adjustments;
		o Update of Bond executed in the Bond Register.
		• Updated Registers:
		o RG 23 A Part II;
		o RG 23 C Part II;
		o PLA;
		o Bond Register Extract Summarized Data from Registers (RG23C Part II, RG23C Part II, RG1, RG23D, PLA etc.) for Monthly Return.
Taxes	OM, BI, AR	Calculation of the Customs Duty paid to the Customs Authorities evidenced by a Bill of Entry document
Assets Processing	AM	• India Straight Line Depreciation; • India SLM% depreciation method; • India Fixed Asset Register; • India Annual Tax Reporting report; • India leased asset entry requirements.

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