

## PITSS.CON Multi-Language

### Operating Forms in all languages of the world, from a single-source

With PITSS.CON Multi-Language (PITSS.CON ML), Oracle Forms and Reports applications are perfectly equipped for worldwide multi-language deployment. This allows significant reductions in costs and maintenance while improving the end-user experience and productivity. Internationalizing Oracle Forms and Reports is a fully automated and seamless process, as PITSS.CON Multi-Language generates the complete infrastructure the application needs. This infrastructure is so lean and effective that it allows the management of a single set of source modules for all the target languages. This means that no matter how global the company becomes in the future, how many languages are added, or how complex the database system gets, the application will always have everything it needs to successfully support the business in its international markets.

#### PITSS.CON Multi-Language makes Oracle Forms ready for worldwide operation

In today's global marketplace, many organizations face the challenge of delivering and supporting their Oracle Forms applications in different languages. PITSS.CON Multi-Language enhances Forms applications with an innovative system that allows the application to be executed in different languages without any changes to the source code. Being simple to implement and maintain, the PITSS.CON Multi-Language system has been successfully applied to a large number of customer applications. This solution has made it possible for each and every implementation to reduce the enormous maintenance effort and time to market.

#### The same Oracle modules, in as many languages as needed

Organizations often operate and maintain independently translated applications for each target language. PITSS.CON Multi-Language eliminates this extra administrative and development effort by making all translations available from a single source. At the same time, PITSS.CON allows new languages to be rapidly added without engineering changes. This significantly shortens the implementation and roll-out of new functionalities across all supported languages. When adding functionality, only the newly created text elements need to be translated, making the development and administration of a multi-language application extremely efficient.

#### Selecting the right language is as flexible as you want

The appropriate language can be displayed automatically, without any required action from the user; for instance, by using the client computer language settings. This language selection is also flexible: if desired, the multi-language capability can also let end users dynamically select their desired language.

#### 100% automated: From back-end infrastructure to text translation

PITSS.CON ML automates the entire multi-language implementation. It first identifies all the text elements to be translated, such as titles, item prompts, and messages. A back-end database is created to store these text elements along with their translations. The application user interface is then dynamically connected to this back-end structure. The whole implementation process is fast and transparent. Even the translation of text elements can be automated, as PITSS.CON ML offers a choice of how to perform the translation: interactively from the PITSS.CON ML user interface, outsourcing to external agencies, or by dynamically generating the full translation using commercial Web services.

#### PITSS.CON Data Sheet

Technology Base  
Development  
Visual Design  
**Multi-Language**  
Application Analysis  
Application Engineering  
Forms to APEX  
Forms to ADF  
Forms Upgrade  
Source Code Analytics  
Source Control

▶ **Internationalize your Forms** and Reports, supporting multiple languages for the user interface.

▶ **Minimize maintenance efforts** by having a single source for all supported languages.

▶ **Create the full infrastructure** necessary for multi-language support automatically.

▶ **Translate texts dynamically** using interactive tools or external Web services.

▶ **Set the language at runtime** flexibly, depending on user choice or system language.



**PITSS.CON** is Oracle endorsed for the modernization of Oracle Developer applications

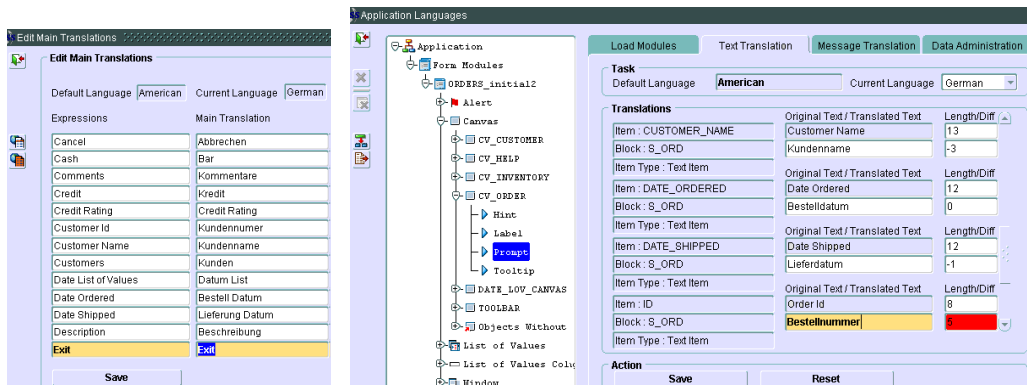
## PITSS.CON Multi-Language at a glance

PITSS.CON Multi-Language automates the otherwise tedious effort of maintaining Oracle Forms applications in multiple languages. It supports the same languages as Oracle Forms, including single and multi-byte character sets. For instance, a single source can be used for English and Asian languages such as Chinese or Taiwanese, within the same application, because of the dynamic assignment during runtime.

The step-by-step multi-language process is transparent, ensuring the 100% accurate and error-free generation of new, more versatile applications:



PITSS.CON automatically identifies and prepares for translation all the text elements contained in an application. Text translations can be performed using the PITSS.CON interface, external agencies or automated Web translation services. After redefining the application text, PITSS.CON Graphical Layout Editor can adjust the visual elements that may need to be expanded, adjusted in order to properly display the new text. When executing the new, now multi-language application, the relevant translated pieces of text will be dynamically retrieved during runtime, according to an end user's language setting.



Making the PITSS.CON Forms and Reports multi-language process as simple as possible, with only one set of source files to be managed and minimal maintenance needs, allows the applications to adapt easily to changing requirements and continue to sustain the business processes optimally for decades to come.

## About PITSS

PITSS is the leading provider of software & services for modernizing and effectively managing Oracle applications.

The PITSS Group was established in 1999 and has gained international recognition with over 1,000 customers and a multitude of successful Oracle projects. PITSS is an Oracle Gold partner and, as a member of the Oracle Modernization Alliance (OMA), is the only Oracle Forms Migration partner for automated migrations. With sites in Stuttgart, Munich (Germany) and Troy (USA) as well as certified international partners, the company successfully provides support for IT projects of medium sized companies, large enterprises and public contractors across the globe.

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## PITSS.CON ML:

► Supports translation of text in any Oracle application files such as .fmb, .mmb, .olb, .pll and .rdf.

► Translates any text elements, such as:

- Window titles
- Alert texts and titles
- Item properties such as labels, prompts and hints
- Boilerplate texts
- Frame labels
- Image texts
- Text strings in code
- Message texts

► Supports single and multi-byte character sets.

► Is available for both Windows and Linux installations, both 32- and 64-bit.

► Imports and consolidates the complete translations of Oracle Translation Hub and Oracle Translation Builder.

## Post Translation:

► New languages can be easily added by using the back-end PITSS.CON ML infrastructure without affecting the deployed application or languages already in use.

► Newly implemented features or modules are seamlessly synchronized by the back-end PITSS.CON ML.

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