

# PITSS.CON Maintenance & Development

## Data Sheet

***PITSS.CON Maintenance & Development revolutionizes Oracle Forms application development and maintenance – shortening development projects, improving application quality, and enabling standardized application code.***

***Specifically designed to simplify and automate upgrading, maintaining, and enhancing Oracle Forms applications, PITSS.CON features „one-click“ changes, additions, deletions, and replacement of application components. Using PITSS.CON Maintenance & Development, developers can create customizable templates and predefined projects to support standardized coding for greater efficiency and shorter development time.***

## Benefits

PITSS.CON Maintenance & Development delivers comprehensive capabilities that enable companies to more effectively and efficiently develop and maintain Oracle Forms applications. With PITSS.CON, your organization can:

- Reduce development costs and effort
- Speed time-to-market for new applications and application changes
- Standardize coding for greater consistency and efficiency
- Shorten testing time with more targeted testing
- Automatically generate error-free application code
- Ensure quality with rule-based automatic code review

## Key Features

### Standardized Application Development

Ensuring clean, concise, and highly maintainable code is key to efficient development and maintenance of applications over the long term. However, increasingly complex applications and larger, more geographically far-flung development teams make standardizing the coding process a major challenge.

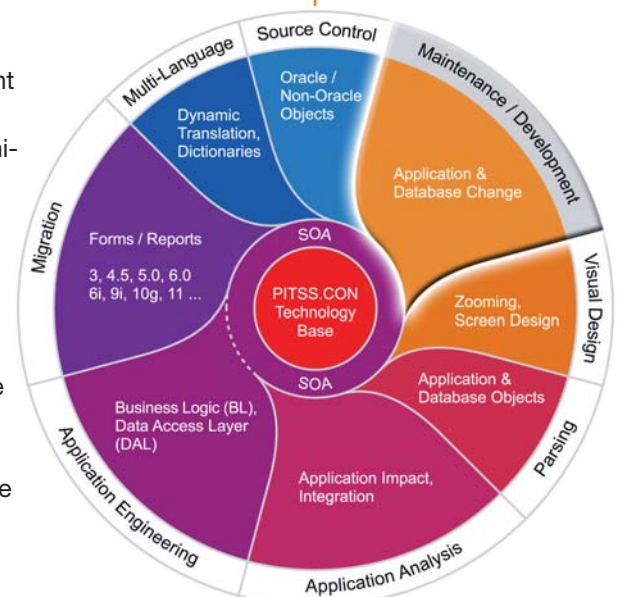
PITSS.CON Maintenance & Development addresses this issue by enabling the easy and effective capture and reuse of analysis and programming steps. Similar to recording a macro, PITSS.CON can record individual working steps and store them as templates or complete projects within its repository for later use. Application developers can then select from a list of predefined methods and simply apply the template(s) or project(s) to a module. By enabling reuse of best practice methods, PITSS.CON makes standardized coding easy and effective.

### „One-Click“ Changes

PITSS.CON Maintenance & Development enables developers to greatly reduce the manual efforts involved in changing applications. In addition to selecting an application or

### At-a-Glance

- Automatic „one-click“ changes to Oracle Forms application components
- Integration of technologies such as Java with existing Oracle Forms applications
- Application comparison and quality assurance
- Capture and reuse of development methods via templates and projects
- Efficient, function-oriented testing
- Standardized application development
- Intuitive, easy-to-use interface is similar to Oracle Developer



application modules from the source control system, application developers can create a pool of objects to which certain changes will be applied. A pool may consist of an individual or set of objects, an individual or set of modules, a set based on results from analysis or queries, or an entire application.

Once a pool is defined, an application change or a set of changes to all objects of this pool can be accomplished in one single step. The change or revision need be developed only once and can then be deployed in the same way to all targeted application objects. By combining this bulk change capability with templates and predefined projects, PITSS.CON speeds maintenance and development while reducing errors.

### Predefined Templates and Projects

In addition to the custom templates and projects defined by application developers, PITSS.CON Maintenance & Development also comes with a set of predefined templates and projects. Based on PITSS' years of Oracle Forms experience and proven best practices, these predefined projects resolve all migration challenges and most common development challenges that occur in projects.

For instance, some projects consist purely of analysis steps designed to provide rapid insight into an entire Oracle Forms application. Predefined projects from PITSS.CON eliminate the need to define individual queries, enabling developers to gain instant results. Other predefined projects actually apply changes to all involved application objects, for instance changing the application look and feel with Pluggable Java Components (PJC).

### Quality Assurance

With the increasing pressure to rapidly deliver solutions to support the changing needs of the business, quality assurance becomes paramount. Today, organizations need to implement and enforce development rules to maximize future maintainability of the application and ensure high quality applications.

PITSS.CON Maintenance & Development enables you to create rules and ensure they are being followed. Regardless of whether it's Oracle Forms properties or simple code from database procedures, PITSS.CON templates scan application sources, identify mismatches, and automatically correct and document, or report on findings. These reports ensure application documentation remains up-to-date and can be generated as PDF, XML, HTML, or a simple ASCII file.

In addition, further improvements to application quality can be achieved with PITSS.CON Application Analysis and its capabilities such as dead code analysis, dependency reports, object tracking, and more.

### Application Module Comparison

When taking over development responsibility for an application from other developers, it can be extremely helpful to trace the changes that have been made, release by release. Sometimes it can be tricky to locate all the differences between an application module currently in production use and its counterpart within the development environment.

PITSS.CON Maintenance & Development directly compares all application sources with each other, including the complex structures of Oracle Forms applications, libraries, and Reports, as well as simple ASCII-based flat files such as packages, procedures, and functions. With PITSS.CON, identifying discrepancies is extremely easy and the resulting, comprehensive report can then be used as an action plan for maintenance.

### Targeted, Shorter Testing

Typically, the larger the application, the longer the testing period. And often, testing includes even those portions of the application which haven't been changed because the full ramifications of modifications haven't been analyzed and understood. With PITSS.CON, you can shorten testing time significantly through automation and more targeted, specific testing of only those areas impacted by change.

PITSS.CON provides a complete list of all objects and components impacted by application changes. This means that testing can now be limited to just those objects that were impacted instead of testing the entire application. Regression testing can be reduced, with white and black box testing being applied to changed application components only.

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### About PITSS

PITSS is the leading supplier of fully integrated solutions for effective management of Oracle Forms applications. The innovative PITSS.CON software helps customers analyze, migrate, upgrade, and maintain their Oracle Forms applications.

With PITSS.CON, companies achieve an average cost savings of 30% for regular development projects and up to 90% for upgrade projects. PITSS is an Oracle Certified Advantage Partner and has customers in Europe, USA, and Asia.

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