

PITSS.CON Migration

Data Sheet

PITSS.CON Migration is an extremely powerful platform for upgrading and migrating entire Oracle Forms applications to new software versions or operating environments. By fully automating the migration effort, PITSS.CON Migration helps organizations save up to 90% on the time and cost of migration and upgrade projects.

The built-in expert system automatically revises code affected by obsolete or changed Oracle Forms functionality, with support going back to Oracle Forms v2.3. As part of an end-to-end product suite designed to improve the entire Oracle Forms application lifecycle, PITSS.CON Migration enables organizations to easily take advantage of features and functionality available in newer software releases and operating environments.

Benefits

PITSS.CON Migration removes the burden associated with manually migrating to new releases of Oracle Forms and upgrading to new operating environments. In fact, by automating migration with PITSS.CON, your organization can:

- Reduce the cost and time to migrate/upgrade by up to 90%
- Move to the latest Oracle technology without changes to code logic
- Address cascading problems caused by failing hardware
- Be better prepared to adapt to changing business requirements
- Become/stay current on software releases to ensure continued support

Key Features

Oracle Forms Upgrade/Migration

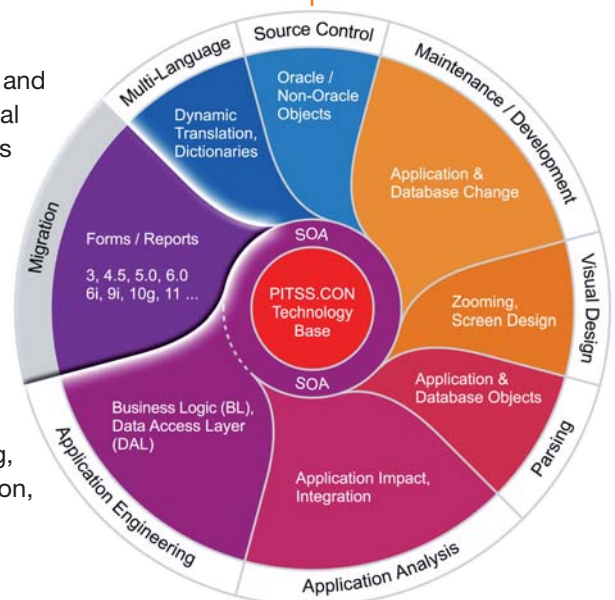
PITSS.CON Migration is the platform of choice for automated upgrade and migration of Oracle Forms applications. Incorporating PITSS' substantial hands-on migration experience, PITSS.CON Migration gives developers easy access to best practices and solutions for challenging migration issues. Predefined conversion procedures substantially reduce the time and cost of migrating or upgrading Oracle Forms applications.

One-Step Upgrade from Any Version to Any Version

PITSS.CON Migration enables migration of Oracle Forms applications from any version to any version in one single step – no need to migrate to intermediate versions. Even when upgrading from the character-based Forms version 3 to the Web-enabled Oracle Forms 10g, PITSS.CON automatically upgrades directly to the desired target version, with no additional effort required.

At-a-Glance

- Enables full automation of migration projects
- Supports both Oracle application upgrades and platform migration
- Saves up to 90% of manual migration time and costs
- One-step upgrade from any version to any version
- Rules engine leverages Oracle best practices and experiences
- Predefined templates and projects solve all migration challenges
- Lights-out batch mode upgrades



For example, PITSS.CON Migration supports the following upgrade paths in one step:

- Forms V2.3 style triggers to Forms 10g
- Forms V3 character mode to Forms 10g
- Forms V4.5 and V6 to Forms 10g
- Forms 6i client/server to Forms 10g
- Forms 9i to Form 10g

When applicable, PITSS.CON Migration can also upgrade to a version earlier than Oracle Forms 10g. However, most organizations move directly to the latest available version. Upon release of Oracle Forms 11, PITSS.CON Migration will also support the upgrade to this new version.

Automatic Replacement of Obsolete and Changed Components

The main challenge during upgrades and migrations is to identify all areas of an application impacted by changes Oracle made to Oracle Forms built-ins and functionality. PITSS.CON Migration finds all relevant occurrences, creates a list of these, and automatically converts the code sources to their appropriate equivalent for the chosen version/operating environment.

PITSS.CON also identifies all obsolete functions within an Oracle Forms application. These obsolete functions are then automatically replaced with new logic supported by the target Forms version.

First Step on the Path to SOA

Before moving to a service-oriented architecture, developers need to prepare Oracle Forms applications by upgrading to the latest Oracle Forms release. Once the applications are migrated, then with PITSS.CON Application Engineering, a companion module to PITSS.CON Migration, developers can easily extract business logic from applications and deploy them as Web services.

Automatic Web Enabling of Oracle Forms Applications

To Web enable Oracle Forms applications, applications should be upgraded to the Oracle Forms 10g release. Once applications are 10g compliant, they are implicitly Web-enabled. PITSS.CON Migration shortens this process by automatically applying all the changes to the application that are necessary to make it Oracle Forms 10g-compliant. This makes Web enablement as simple as a normal upgrade project, with no additional development effort.

Automatic Inter-Platform Migration

Oracle Forms upgrade projects are often combined with development platform changes, including new hardware and operating systems. However, certain upgrades result in an extensive number of changes being required. The challenge and effort necessary to identify each and every piece of code potentially impacted and then make those changes individually often stops projects before they start. For instance, changing from a case-insensitive system such as Microsoft Windows to a case-sensitive Linux system can result in widespread application changes.

PITSS.CON Migration makes this transition as seamless as a regular version upgrade. PITSS.CON identifies all code potentially impacted and automatically changes it with one click.

Expert System Ensures Precision Automation

PITSS has accumulated extensive migration expertise from its many years of performing customer upgrade and migration projects. This in-depth knowledge is implemented in PITSS.CON Migration. The result is an unparalleled expert system based on hundreds of predefined upgrade and migration methods – delivering the highest degree of automation possible.

While system integrators typically approach a migration project as a manual effort requiring many man-years of expensive development resources, PITSS.CON Migration allows any Forms developer to perform the upgrade without in-depth knowledge of the required changes and adjustments. By using the predefined projects within PITSS.CON, developers can automatically execute upgrade projects without the need to study the documentation for each version and write customized conversion routines.

Lights-Off Batch Upgrades

PITSS.CON Migration provides a choice of upgrade modes for migrating Oracle Forms applications. Developers can either select the methods to be applied interactively or define the conversion routines to run as an overnight batch job. Particularly advantageous when upgrading large applications, PITSS.CON Migration makes the process even more efficient by enabling developers to schedule upgrades to make use of idle compute time on nights and weekends.

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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