

PITSS.CON Technology Base

The foundation for efficient and effective application management

PITSS.CON Technology Base (TB) lies at the heart of PITSS.CON, consisting of a fine-grained, intelligently linked repository that manages the source code of entire Oracle applications. Once the application has been loaded, PITSS.CON knows everything about its stage of development, software quality, all its components, as well as their usage and dependencies. This makes Technology Base the factual basis for all decisions and subsequent operations. The modular concept of PITSS.CON is built on top of this repository and supports any customized user requirements: From PITSS.CON Source Control, to PITSS.CON Maintenance and Development, the deep PITSS.CON Analysis, PITSS.CON Re-Engineering or PITSS.CON Modernization, taking applications to current technologies such as ADF, PITSS.CON can be perfectly adapted to any individual requirements for the complete life cycle management of Oracle applications.

All application sources in one central Oracle repository

At the heart of the PITSS.CON development platform lies its unique repository technology that securely collects, stores, manages and processes all details about Oracle applications – any Forms and Reports versions, along with related sources, such as libraries, external SQL, C, Java, ASCII files, relevant database objects and development artifacts, including deep analysis results, code changes, or project documentation. As it is itself built on a standard Oracle database, the repository benefits from the fastest data access and manipulation. This allows quick and precise mass development and maintenance for even the largest applications, so that any development routines can be defined and accurately executed for thousands of Forms and Reports modules and millions of records at once, at the simple push of a button.

Perfect development results – with property-level granularity

To efficiently change applications – for instance, to alter the properties for lots of items or canvasses – all application objects must be stored and manipulated at the lowest possible granularity level. This is why PITSS.CON breaks down complex Forms and Reports modules into their smallest components, analyzing all their properties, and then saving them as individual records in the repository. This granularity allows easy and quick understanding of any level of the application, as well as performing changes and highly sophisticated searches and analyses.

100% Oracle source code – with standard Oracle API Layer

Reading and writing applications is made through standard Oracle-certified API interfaces, the same ones used by Oracle Developer and Designer. This is why PITSS.CON can process any version of Forms and Reports and re-create them at any time, fully functional and free of any foreign, non-Oracle proprietary artifacts.

User-based security model

Large development teams? Individual access rights? No problem with PITSS.CON. Its versatile multi-user concept and integration with a source control system allow different authorization levels to be customized for accessing specific applications, database schemas, for individual users or user groups, this way optimizing and securing the whole development process.

One platform for the entire product life cycle

The Technology Base is the foundation for the entire PITSS.CON platform, allowing the management of the full application life cycle – from analysis, development, quality assurance and maintenance, to look and feel redesign, business logic re-engineering, Forms and Reports upgrade or migrations to Oracle ADF, APEX or other modern frameworks.

PITSS.CON Data Sheet

Technology Base

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

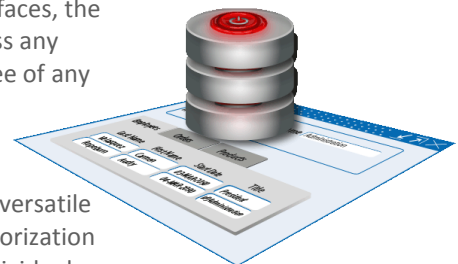
► **Redesign thousands of Forms** at once using secure and precise model-based routines.

► **Gain quality and productivity** by developing and managing an entire application in one place.

► **Enrich Oracle applications** applying proven, state-of-the-art technologies and best practices.

► **Go beyond Forms capabilities** by adopting a repository, model-driven development.

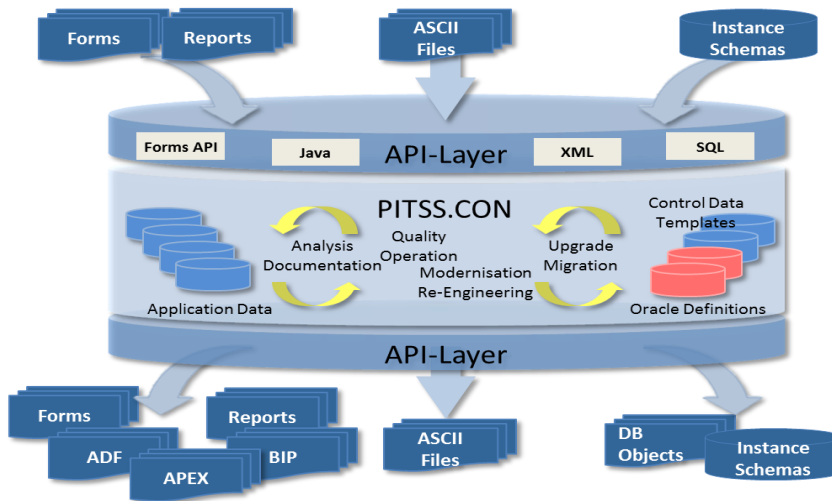
► **Minimize time and costs** for analyzing, developing and migrating Oracle applications.



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

PITSS.CON Technology Base at a glance

PITSS.CON's central repository is based on an Oracle database and can manage applications of any size and complexity. The technology has been applied for hundreds of Forms modernization projects worldwide, proving able to successfully manage even the most difficult requirements and complex applications, always with minimal costs and development time.



Easy to use

PITSS.CON development environment is designed to be similar to Oracle Forms, Oracle Reports Builder or a database developer tool, therefore requiring only minimal training for the Oracle developers. There are, however, some major differences, e.g. while Forms Builder allows accessing just a set of modules at once, PITSS.CON offers a global overview of an entire application and all its components, including reports and database objects. Here thousands of Oracle Forms and hundreds of thousands of lines of code are analyzed and manipulated in seconds, so that developers can work within a single, integrated development platform.

Complete documentation

Proper documentation is key to a successful project completion. Yet, the efforts to fully document the development changes can take a considerable portion of the overall project time. PITSS.CON drastically reduces the documentation time by generating complete descriptions of the development steps – automatically at the time of development. This type of information is stored within the PITSS.CON repository for later review or for project archival.

Fully reproducible development steps and ready-to-use expertise

Customizable templates can be easily defined with PITSS.CON for all development steps. Developers can, for instance, first assemble all necessary changes using a test application and then simply re-apply the resulting change templates to other applications. This makes any good idea reusable across different teams and projects. PITSS.CON comes pre-installed with an extensive set of best practices and expert solutions resulting from decades of experience, all packed as templates and ready to be used in many new projects.

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 (HQ), Wolfratshausen near Munich, Bielefeld (Germany), Milton Keynes (UK) 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 TB:

► Supports all source types used in Oracle Forms, including:

- FMB, INP Oracle Forms 2.3...11g
- RDF, REX Oracle Reports 1.9...11g
- PLL PL/SQL libraries
- OLB object libraries
- MMB menu modules
- SQL programs
- PL/SQL logic
- C/Pro*C pre-compiler code
- Cobol embedded code
- Java programs
- ASCII files
- Database objects such as
 - Tables
 - Views
 - Types
 - Triggers
 - Functions
 - Procedures
 - Packages
 - Synonyms
 - etc.

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