

PITSS.CON Application Analysis

Offer for Oracle Forms Customers

PITSS.CON Analysis Edition

You are looking for an analysis tool, that allows you to estimate the effort for complex application changes within shortest possible time frames? You want to understand, what the impact on your entire application is and which application objects are affected when e.g. extending a database column or changing of a program unit interface? You not only wish to analyse and to complete your action list on paper, but you also want to automatically apply all changes without any risk of making errors?

For instance with PITSS.CON you may change the item length of your order number from an 8 digit number to a 10 digit number in hundreds of forms and reports programs, thousands of lines of code and both of your database instances without any error within two days, only. If you want to get these features you found your solution with the PITSS.CON Analysis Edition.

PITSS.CON Application Analysis

PITSS.CON Application Analysis delivers in-depth insight into even the most complex Oracle Forms applications. With its 360° view of the entire application, PITSS.CON Application Analysis lets you quickly and precisely analyze the impact of proposed changes, identify obsolete or problematic code, and streamline the transition to a serviceoriented architecture. With PITSS.CON Application Analysis, you gain:

- Comprehensive insight into Oracle Forms applications, including legacy systems and highly complex applications
- Faster and more accurate impact analysis for improved project costing and scheduling
- Analyzes even the most complex applications in their entirety
- Supports powerful 'what-if' emulations
- Enables a broad range of research and analysis
- Identifies appropriate processes for SOA services
- Protects and extends application investment

360° View of Entire Oracle Forms Application

PITSS.CON supports the entire Oracle Forms application, including all forms, reports, libraries, and database elements. When an application is loaded into the PITSS.CON Repository, all objects are parsed and details are stored at property-level granularity – enabling extraordinary depth and versatility of research and analysis into each application.

Developers then have full access to all detailed data stored in the repository, allowing many different types of analyses and reporting to be conducted. PITSS.CON generates complete online and PDF reports to document the analysis results. These reports can then be used as input for detailed project timeline calculations as well as project task lists.

Comprehensive Impact Analysis

Complex interdependencies between different objects and object types mean that code and business rule changes can have a considerable and unexpected impact on applications. This complexity makes manual efforts to determine the actual impact time-consuming and potentially inaccurate.

With PITSS.CON Application Analysis, developers can quickly verify whether changes to business rules and processes can be implemented within time and budget limits. With its support for the entire application, PITSS.CON identifies every impact of every change to the application, significantly enhancing the accuracy of project time and material calculations.

ORACLE CERTIFIED ADVANTAGE PARTNER

The PITSS.CON Analysis Edition comprises following modules:
Technology Base (TB)
 + **Application Analysis (AA)**
 + **Maintenance / Development (MD)**



Powerful What-If Simulation

Often, changing business requirements result in modifications to many components across the application. For instance, modifying the characteristics of the customer number or customer name fields could have a ripple effect throughout the application.

PITSS.CON delivers quick insight into each component of the application that requires modification, be it a Forms canvas, item field on a canvas, query for a report, module of a library, PL/SQL procedure, or database table column or view. Using the PITSS.CON what-if capability, developers can investigate the impact of alternative approaches to application modification for better decision making.

Broad Range of Research and Analysis

Using the intuitive and easy-to-use interface within PITSS.CON, developers can perform highly sophisticated queries and analysis, including identification of dead code, tracking of dependencies, and finding obsolete or changed Oracle Forms built-ins.

With its extensive flexibility, PITSS.CON Application Analysis delivers a rapid and complete view of the entire application, making even the most complex applications easy to understand.

Interactive Identification of Processes for SOA

PITSS.CON Application Analysis includes SOA functions that allow quick and focused identification of an application's processes and flows which are best suited to become SOA Web services. The results can even be used by PITSS.CON Application Engineering to generate the SOA Web services. By enabling the efficient migration of Oracle Forms logic to a new SOA environment, PITSS.CON provides your organization with a seamless, step-by-step path to achieving the benefits of SOA.

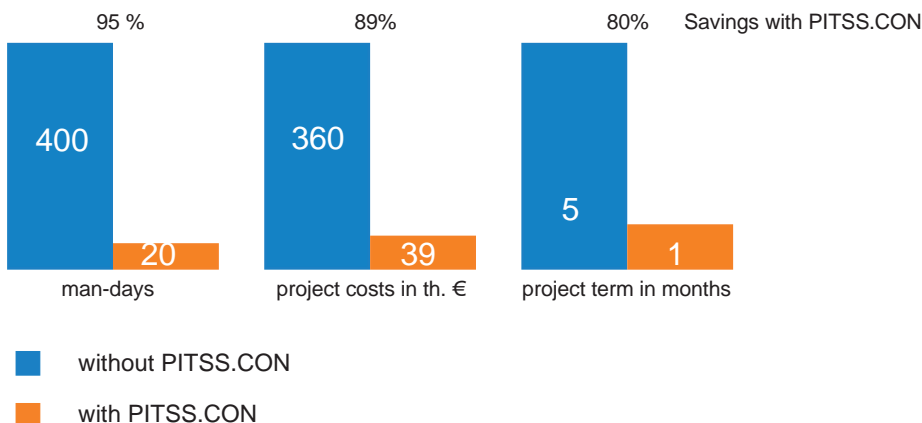
Investment Protection

Existing Oracle Forms applications typically have been developed over long periods of time, by many different developers. Any technical or logical challenges have already been resolved and implemented. With PITSS.CON, this extensive investment in time and knowledge is fully protected and preserved. PITSS.CON enables understanding and reuse of application components and allows code and business logic to be implemented using new technology and approaches such as SOA.

The results derived from PITSS.CON Application Analysis become the essential basis for performing the actual architectural or technology changes in the most effective, expedient way. With PITSS.CON Application Analysis, the impact to end users can be minimized, along with any risk inherent in application modification.

Project example

Change of the item length of your order number from an 8 digit number to a 10 digit number in 800 Forms-Programs, 400 Reports, 2000 SQL-Programs and 2 Database-Instances



Also benefit from additional modules included in the bundle:

Technology Base

The PITSS.CON Technology Base (TB) is the foundation for efficient and effective application management. With its clearly structured repository approach, PITSS.CON organizes application information to make Oracle Forms applications significantly easier to understand, control, and develop.

Key features:

- Stores all kinds of objects like Forms FMB and Reports RPT modules, PL/SQL (PLL) or object libraries (OLB), ASCII files consisting of Pro*Precompiler code, SQL statements or PL/SQL
- Built on proven Oracle database technology
- Analysis, documentation and manipulation of large amounts of data
- Administration via parameters controlling the run time behaviour and access
- Code remains forms code to 100%, no dependencies on PITSS.CON
- Admin and user concept

Maintenance / Development

PITSS.CON Maintenance & Development revolutionizes Oracle Forms application development and maintenance – shortening development projects, improving application quality, and enabling standardized application code. MD allows an unmatched view on and into the application

Key features:

- Modifying function and procedure call parameters (custom settings)
- Generating new PL/SQL code multiple times (e.g. procedure calls)
- Search for multitext character strings
- Generating new program units
- Multiple filtering capabilities for searches for forms modules, database models and file level
- Wildcards on all levels (e.g. block level, DB trigger level etc.)

The PITSS.CON Analysis Edition can be upgraded any time to standard or enterprise edition or can be extended with individual modules (for details see pricelist).

About PITSS

PITSS GmbH is the leading supplier of complete solutions for effectively managing Oracle Forms applications.

PITSS is Oracle Certified Advantage Partner with Customers in Europe, USA und Asia.

- more than 15 years Oracle and Forms know-how
- International presence
- recommended by Oracle
- more than 500 installations
- competent services
- satisfied customers