

PITSS.CON Application Analysis

Data Sheet

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 service-oriented architecture.

With PITSS.CON Application Analysis, organizations can take the guesswork and risk out of application maintenance. At the same time, PITSS.CON ensures application investments are protected by enabling any developer to quickly understand and use existing business logic and code – regardless of who created the original application.

With granularity down to the property level, PITSS.CON Application Analysis enables powerful what-if simulations, highly sophisticated research and analysis, and comprehensive reporting to improve application maintenance. PITSS.CON Application Analysis is part of an end-to-end product suite designed to optimize and streamline the entire application lifecycle for organizations using Oracle Forms.

Benefits

Based on the centralized PITSS.CON Repository, PITSS.CON Application Analysis delivers powerful capabilities that help your organization better understand and maintain your Oracle Forms applications. 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
- Reduced risk, testing effort, and development time when modifying applications
- A streamlined evolution of Oracle Forms applications to an SOA environment
- Investment protection and knowledge transfer

Key Features

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.

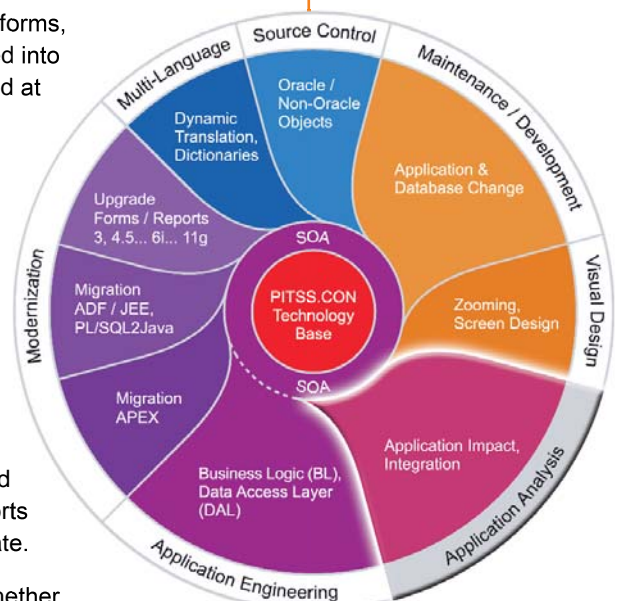
Comprehensive Impact Analysis

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.

At-a-Glance

- Delivers complete visibility into Oracle Forms applications
- Performs fast, accurate impact analysis
- 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



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.

Dead Code Analysis

As applications grow and change over time, chances are that some portions of the code may become obsolete. However, simply removing a piece of apparently „dead“ code can be very dangerous, as it may impact the functionality of the entire application. For this reason, unused code is often left in the application, making the application more difficult to maintain or in some cases nearly impossible to change.

PITSS.CON Application Analysis understands all dependencies between all objects. It accurately identifies all code components which are not called by any other application components. PITSS.CON dead code analysis produces a complete list of unused components which can be removed without risk, enabling developers to clean up applications for better maintainability. For instance, this analysis can be used to clean up Oracle Forms applications generated using Oracle Designer.

Investitionsschutz

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.

Über 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.