

PITSS.CON Application Analysis

Regaining control of Forms and Reports applications

With PITSS.CON Application Analysis (PITSS.CON AA), Oracle Forms and Reports applications of all sizes and levels of complexity can be quickly and accurately analyzed, allowing organizations to take the guesswork and risk out of application development and maintenance. Using Oracle's own API and the analytical power of its centralized data repository, PITSS.CON Application Analysis performs a fast, detailed analysis of even the most complex and comprehensive applications and can be used for powerful what-if simulations, sophisticated research, and comprehensive reporting. This type of in-depth insight applies at every level, from day-to-day work to large-scale reengineering and migration projects. This allows the development teams to better understand connections and implement requirements, ensuring that your investment in Oracle Forms and Reports applications will pay off in the decades to come.

360° view: Your Oracle sources, how they act and interact

Oracle Forms applications are composed of much more than just plain FMBs. This is why PITSS.CON automatically loads, parses, and analyzes the entire application, including its menus, libraries, reports, database elements, and related technologies. It does so automatically for an application of any size, and tracks object details down to property-level granularity to give extraordinary depth and versatility to research and analysis. With these tools, even your newest team members can easily understand how their Oracle application works and accurately estimate, plan, and implement upcoming changes.

What-if simulations and impact analysis

Changing the size of a database column is easy. Manually adjusting the related application so that it functions afterwards is not. This is especially true for Oracle Forms and Reports, where tight integration of logic and navigation is a core characteristic. For such tasks, PITSS.CON has special simulation engines that show the full implications of any change. This puts data behind your decisions, allowing the extent of work to be correctly assessed before a project is started or the impact of alternative approaches to be compared to identify the best scenario.

Broad range of research and analysis

With PITSS.CON Application Analysis, creating highly sophisticated queries is as easy as a mouse-click, because PITSS.CON was built by developers for developers. It has everything you need to analyze an application without overcomplicating the process. Tasks such as tracking dependencies or finding obsolete or changed Oracle Forms built-ins are performed instantly. This enables any developer to understand and use existing business logic and program code—regardless of who created the original application.

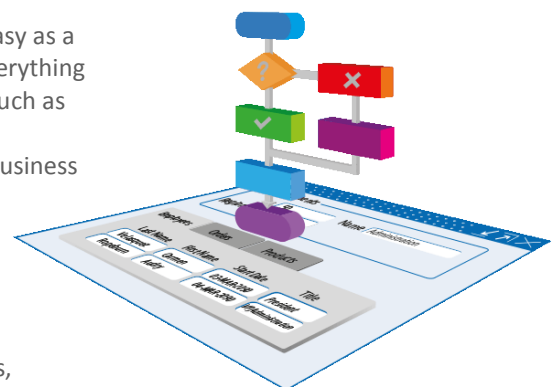
Forms knowledge transfer = Investment protection

Most Oracle Forms applications were designed more than 15 years ago and have been modified and extended since then by many different developers. Knowledge transfer is now one of the main challenges faced by developers, teams, and organizations. This is why PITSS.CON comes with lots of easy solutions to enable deeper understanding and knowledge transfer in a usable format. This allows the reuse of application components, building a solid basis for future architecture or technology changes.

PITSS.CON Data Sheet

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

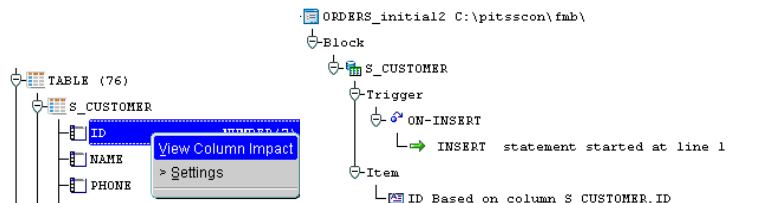
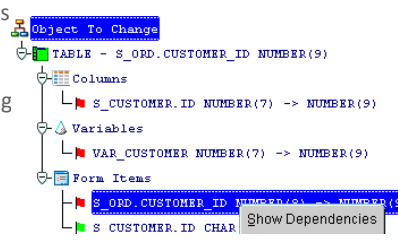
- ▶ **Gain a deep understanding** of all your Oracle application components and their structure.
- ▶ **Recognize all dependencies** including the use of functions, database or module objects.
- ▶ **Implement structural changes** such as adding column digits and automatically adjust all FMBs.
- ▶ **Perform a full impact analysis** of upcoming changes, identifying affected systems and side-effects.
- ▶ **Make accurate estimations** for future projects, assessing the time, costs and necessary skills.



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

PITSS.CON Application Analysis at a glance

The PITSS.CON product suite was developed to cover the entire lifecycle of Oracle Forms applications and provides a broad palette of comprehensive functionality. PITSS.CON Application Analysis is one of the core modules of PITSS.CON, expanding Forms and Reports Builder's analysis power by accessing PITSS.CON's Oracle-based repository and loading, parsing, restructuring, and further developing the application. By visualizing thousands of modules at once, Application Analysis gives Forms developers a broader view of the application, including details such as item properties, code, and layout editors. With full access to all of this stored, detailed data, Forms developers can generate an unlimited number of predefined or custom analyses and reports and use them as input for detailed project timeline calculations and task lists.

PITSS.CON Application Analysis Examples	
<p>▶ Viewing Dependent Objects</p>	<p>Showing where a selected object (module, program unit, built-in, database object) is used. Example: if the selected object is a database trigger, then the lines of code firing the trigger will be displayed.</p>
<p>▶ Usage of table columns</p>	<p>Finding where a table or column is used anywhere within the whole application requires just a simple mouse click, no matter if it needs to parse 1 or 10,000 modules.</p> 
<p>▶ Performing safe architectural changes</p>	<p>Performing architectural changes such as increasing the size of a column can be a risky operation. Sometimes these changes are necessary, such as extending an invoice id column with space for additional digits. PITSS.CON can help safely track the impact of changes to module and database objects and successfully implement the changes.</p> 

PITSS.CON AA:

- ▶ Works with any version of Oracle Forms and Reports.
- ▶ Considers for parsing and analysis all application components, including FMBs, MMBs, OLBs, PLLs and RDF files as well as Java, PL/SQL and C code.
- ▶ Can also execute predefined and custom functions as batch commands.
- ▶ Supports preparatory measures for SOA enabling or other modernization efforts.
- ▶ Uses impact analysis to verify whether changes to business logic and processes can be implemented within time and budget limits.
- ▶ **Leads to time and cost savings** by using automated analysis and re-engineering functions.
- ▶ **Includes documentation support:** all analysis results can be exported as text, HTML or PDF reports for integration into software documentation.

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, Munich (Germany) 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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