

Status Quo Analysis

for IT Managers, Project Managers & Team Leaders



At a glance

We perform a tool-supported analysis of your complete Oracle Forms application down to the smallest detail with PITSS.CON. Afterwards we come to you, present the results and discuss the next steps with you. You are provided with all the important information about your Oracle Forms application, like the quantity structure, code allocation, program sizes, lines of code (LOC), lines of documentation (LOD) and a complexity analysis. You gain an initial assessment of your application and the amount of effort required for any development or modernization projects. The Status Quo Analysis of your Oracle Forms application is the central starting point to improving quality, optimizing projects, avoiding wrong decisions, preserving investments and saving money and time.

Your Situation

Many Oracle Forms applications are 10, 15, 20 or more years old. During this time a lot of technical and technological know-how has gone into the applications. In many cases, an application was initially written by external developers and then further developed internally. In most cases the development teams have changed over the years. The documentation is also usually outdated.

Now it is necessary to find out what state the application is in so that it is possible to make informed decisions about how to move forward with the application:

- Can we leave everything the way it is?
- Do we want to upgrade Forms?
- How can it be further developed?
- How do we migrate to ADF or APEX?
- What makes sense for the specific application?
- What is the right decision?
- Do we have enough resources?
- Do we have enough money and time?

In order to answer these questions, a Status Quo Analysis is a prerequisite. It is the basis for all further analyzes, decisions and actions.

Our Analyses

Status Quo Analysis

- Quality Analysis
- Development Analysis
- Upgrade Analysis
- ADF Migration Analysis
- APEX Migration Analysis

The Analysis Will Help You

- *Improve quality*
- *Optimize projects*
- *Avoid wrong decisions*
- *Preserve investments*
- *Save time & money*

What We Offer

The PITSS Status Quo Analysis includes:



1. Vorbereitung (Remote oder Onsite)

- Delivery of the source code
- Recording of all important information related to the application

2. Analysis (Offsite)

- Loading and parsing of the source code
- Creation of all the dependencies in the PITSS.CON Repository
- Creation of the following metrics for the entire application
 - **Quantity Structure**
 - Metrics for all the objects of an Oracle Forms application. This includes the number of database objects, forms, libraries and reports as well as their included objects such as windows, canvases, blocks, items, program units, etc.
 - **Lines of Code (LOC) / Lines of Documentation (LOD)**
 - General overview of the distribution of the code and the comments throughout the entire application divided by DB objects and application components such as Forms and Reports.
 - **Program Sizes**
 - Average values such as line length, number of lines, variables, arguments for each program unit.
 - **Program Structure**
 - General structure of the program units under consideration of the program blocks, anonymous program blocks and exception blocks.
 - **Code Distribution**
 - Overview that shows the state of the program logic (e.g. validation, navigation, etc.) and the business logic (DML).
 - **Complexity Inspection**
 - Inspection of the objects in relation to the metrics listed above, i.e. where which objects are used how.
 - General overview of the number of complex PUs evaluated according to the number of statements in %.
- Preparation of the evaluation for the presentation and documentation

3. Presentation (Onsite)

- Evaluation and preparation of the results
- Summary and presentation of the Status Quo Analysis
- Demonstration of the procedure

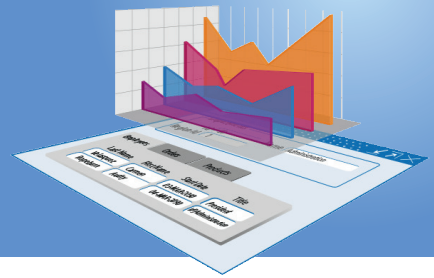
What you get:

- *Optimization potential*
- *Detailed documentation*

Duration:

Results within a week

Our Tool-Supported Method

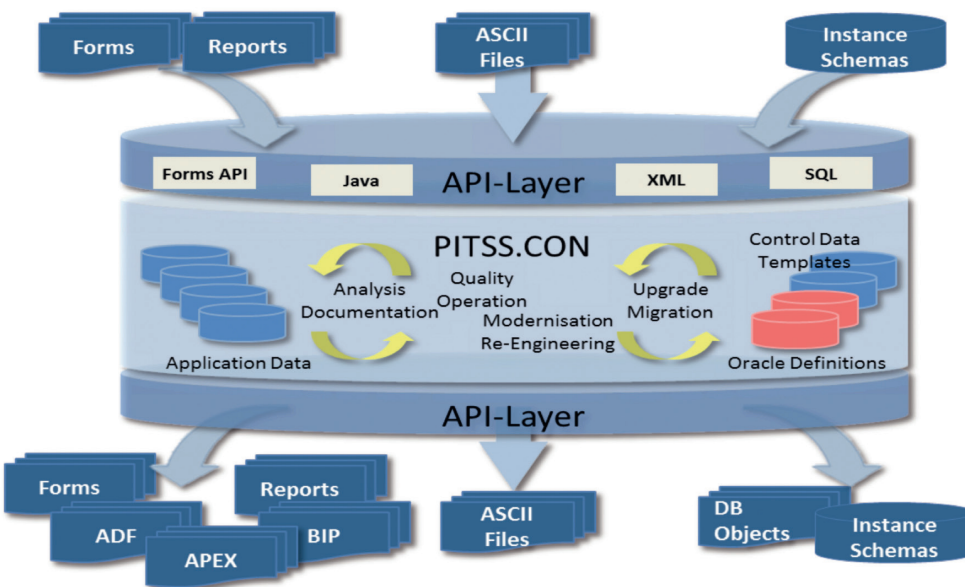


We load your application in the repository-based analysis tool PITSS.CON with the unique functionality of the module PITSS.CON Source Code Analytics (SA). In a parsing process, all the objects in your application and their dependencies are identified and made available for analysis.

Since PITSS.CON inspects the entire source code (forms, reports, libraries, database objects, scripts, etc.), the algorithms provide a very detailed insight into the structure, scope and complexity of the application.

PITSS.CON Repository

- *Unique technology for the administration of every object and function of an Oracle application*
- *Data and figures for successful Oracle project decision*



PITSS.CON Repository: The documented results of this analysis enable us to show you the optimization potential.

With the PITSS.CON Repository, Oracle Forms and Reports applications of any size and complexity can be managed, developed and re-engineered. The heart of PITSS.CON is an innovative, unique Oracle-based repository that is able to understand and manipulate applications at the finest granular level. At the same time, 100% consistency and adherence to standards for the processed applications are ensured.

The PITSS.CON Technology Base is the underlying base technology for the entire PITSS.CON development platform that opens the way for a wide range of functions for the entire lifecycle management of Oracle applications.

This is what PITSS customers have to say about the PITSS.CON analysis:

„With PITSS.CON it is possible to gain a deep understanding for the technical interdependencies of our application very efficiently and in a very short period of time.“

Wolfgang Stramitzer, iALADIN European Competency Center Manager, Air Liquide - ALSEIS



PITSS is the leading provider of software & services for modernizing and effectively managing Oracle applications. With over 1,000 customers and a multitude of successful Oracle projects PITSS has gained international recognition.

PITSS.CON

The high performance software solution PITSS.CON has been convincing for years in all areas and phases of Oracle Forms projects through a high level of automation, speed, efficiency and reliability. The module PITSS.CON Source Code Analytics supplies decision-relevant project results already in the starting phase.

PITSS SERVICES

PITSS Services successfully supports its customers in Oracle IT projects with a customised Full Service Offer in the form of consulting, training, development, administration & support. The focus is on Oracle themes, Oracle databases and Fusion Middleware such as: Forms & Reports, SOA, WebLogic Server, Single Sign-on (SSO), Java, ADF, APEX, upgrade, migration, reengineering and web development. PITSS Services demonstrates the best expertise, well-founded knowledge of applications, high project experience and a strong and targeted project management. PITSS Services advisors are Oracle (OCP) certified.

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