

Development Analysis

for IT Managers, Project Managers & Team Leaders



At a glance

The PITSS Development Analysis builds upon the Status Quo Analysis. With the Development Analysis you receive a detailed insight into the results of the Status Quo Analysis. You are given an overview of the architectural structure of your application in relation to the table and program use as well as object and logic distribution. This also includes evaluation of error handling, possible security vulnerabilities, unused program code and unused tables in your application. In addition, redundancies are identified. All these are aspects that have a lasting influence on the profitability, reliability and sustainability of an application.

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 The documentation is also usually outdated. Parts of the application have been replaced, for example by standard software, or even decommissioned.

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?

With the Development Analysis you will be provided with the basis to understand your system and improve it if necessary.

Our Analyses

- Status Quo Analysis
- Quality Analysis
- Development Analysis**
- Upgrade Analysis
- ADF Migration Analysis
- APEX Migration Analysis

The Analysis Will Help You

- *Identify table & program use*
- *Determine object & logic distribution*
- *Develop error handling*
- *Identify security vulnerabilities*
- *Identify unused elements*
- *Identify redundancies*

What We Offer

The PITSS Development Analysis includes:



Presentation of the documentation with the following metrics:

- **Object Distribution**
 - Evaluation of objects and their references
 - Use of libraries, global variables, package variables
- **Program Use**
 - Program dependencies
 - Distribution of the business logic (select, insert, update, delete)
- **Table Use**
 - Distribution of business logic
 - How are the tables accessed (more reading / writing)
 - Table dependencies
- **Exception Handling**
 - Number of exception blocks
 - Number of exceptions
 - Distribution exceptions depending on the program size
- **Security Issues**
 - List of all potential security vulnerabilities
- **Library Use**
 - Frequency of use of the program units in a library
 - Frequency of use of the library (e.g. only linked to one form)
 - A list of all unused libraries
 - A list of all libraries only used once
- **Dead Code**
 - A list of all program units not queried
 - A list of all unused tables and views
 - A list of all unreferenced objects in the object libraries
- **Redundancies**
 - Overview of possible savings potential in the summary of the program units
 - A list of all redundant program units

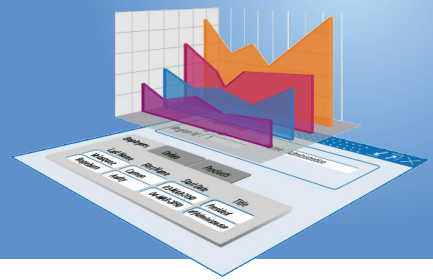
What you get:

- *Cost evaluation*
- *Optimization potential*
- *Detailed documentation*
- *Recommendations*

Duration: Results within a week

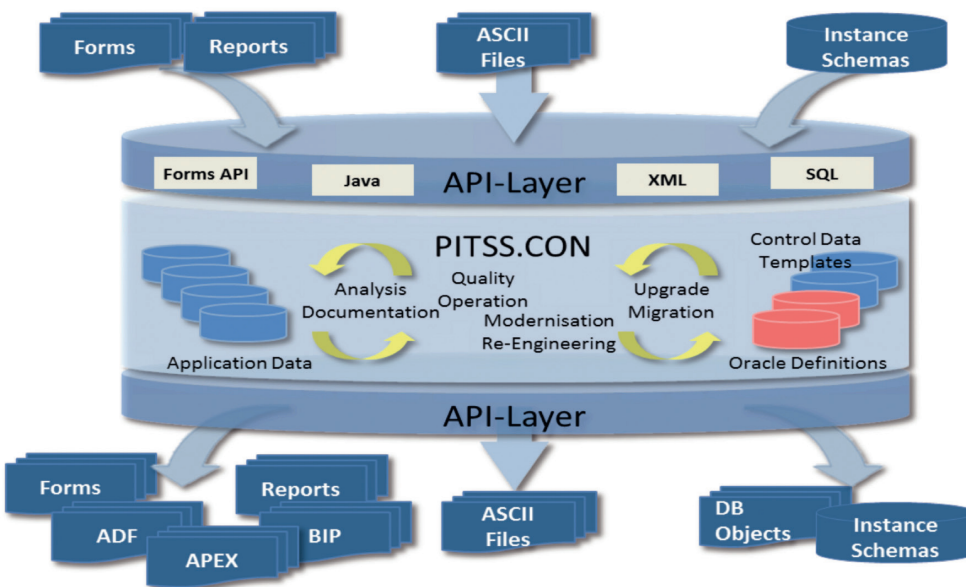
Prerequisites: Status Quo Analysis

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:

„In order to better manage our Forms application, we are once again counting on the superior performance of PITSS.CON.“

*Walter Pließeis, Head of Application Development,
Agrarmarkt Austria*



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.

PITSS GmbH

PITSS Headquarters

Industriestrasse 3
70565 Stuttgart
Germany
Phone +49 (711) 91 40 12-0
Fax +49 (711) 91 40 12-11
E-Mail headquarters@pitss.com

PITSS EMEA & AP

Königsdorfer Str. 25
82515 Wolfratshausen
Germany
Phone +49 (8171) 21 62-10
Fax +49 (8171) 21 62-11
E-Mail sales@pitss.com

PITSS UK

314 Midsummer Boulevard
Milton Keynes, MK9 2UB
United Kingdom
Phone +44 (1908) 440 016
Fax +44 (1908) 847 401
E-Mail sales.uk@pitss.com

PITSS America

1050 Wilshire Dr., Suite 110
Troy, Michigan 48084
USA
Phone +1 (248) 740 0935
Fax +1 (248) 740 1556
E-Mail info@pitssamerica.com