

PITSS.CON Application Engineering

Data Sheet

PITSS.CON Application Engineering (Forms SOA Suite) brings the business and technical advantages of a service-oriented architecture (SOA) to Oracle Forms applications. Ensuring complete investment protection, PITSS.CON enables organizations to easily and efficiently migrate Oracle Forms applications to SOA.

With wizard-based tools and automatic generation of Web services, PITSS.CON makes Oracle Forms code, business logic, and data access layers SOA-compliant. Developers can automatically generate database packages and deploy them as Web services to any Java development framework such as Oracle JDeveloper and BPEL Process Manager.

As part of a complete, end-to-end application lifecycle product suite for Oracle Forms, PITSS.CON Application Engineering enables you to transition your Oracle Forms applications to an SOA environment in the most effective, efficient way. It ensures complete investment protection as you migrate, even allowing Oracle Forms applications to coexist with new Java applications.

Benefits

PITSS.CON Application Engineering lets you reap the benefits of SOA by evolving your Oracle Forms applications to be SOA compliant. With PITSS.CON, your organization will benefit from:

- Automated evolution of Oracle Forms applications to SOA
- Greater value from your application investments through improved reuse of source code
- Faster time-to-market and improved responsiveness
- Streamlined application maintenance as the interface, processing, and logic are separated
- Investment and application knowledge protection

Key Features

Seamless Forms Migration to SOA

PITSS.CON Application Engineering enables you to evolve Oracle Forms application code to an SOA infrastructure. With its built-in wizards, developers can automatically generate database packages from selected processes typically initiated by Forms triggers. Capturing the entire flow, PITSS.CON extracts Forms code and creates customizable database packages.

The extracted code can then automatically be wrapped into a Web service. The original code in the Forms application is replaced with calls to the newly generated service. Both Java applications and the Forms application can now simultaneously access the physically identical code, allowing a smooth and seamless evolution from Oracle Forms to SOA.

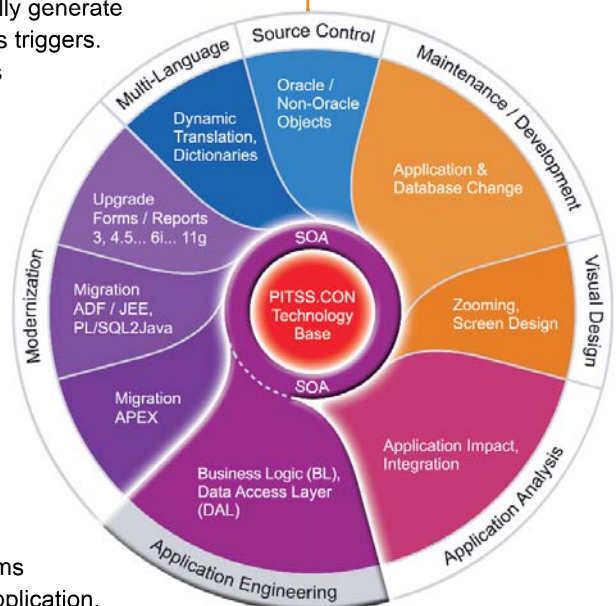
Separates User Interfaces from Application Logic

With PITSS.CON Application Engineering, Forms developers can now efficiently separate all business logic from the end user interface. This approach allows developers to start implementing Forms logic as SOA services today and generate the user interface with tools such as Oracle ADF later on. In this way, developers have the choice of either having the resulting ADF application behave like the former Oracle Forms application or to follow the processes created from the Oracle Forms application.

In either case, the evolution from Oracle Forms to SOA and Java applications can be performed smoothly in a step-by-step fashion. Java applications and Forms applications can coexist, without requiring a time-consuming and expensive rewrite of the application.

At-a-Glance

- Best way to migrate Oracle Forms applications to SOA
- Brings the advantages of SOA to Oracle Forms applications
- Easy generation of SOA services from Forms processes and flows
- Wizard-based extraction of Forms data access layers and business logic
- Coexistence of Forms and new Java applications sharing identical sources
- Integration with Oracle JDeveloper and BPEL Process Manager



Streamlines the Application

The process of moving a Forms application to a service-oriented architecture presents the perfect opportunity to remove obsolete code from the existing application. Organizations can use PITSS.CON Application Analysis, a companion module to PITSS.CON Application Engineering, to identify the correct business processes to be reused in new applications in the SOA environment. As new services are generated by PITSS.CON Application Engineering, the result is an SOA-compliant application consisting of clean code and based on logic taken from the Oracle Forms application.

Integration with Oracle JDeveloper and BPEL

PITSS.CON Application Engineering provides wizards and interfaces that allow extraction of Forms business logic and data access layers so they can be consumed from any Java code such as the Oracle ADF development environment. It also offers the ability for the Oracle BPEL Process Manager to consume the newly generated services and orchestrate them with services originating from sources other than the Oracle Forms application.

Investment and Application Knowledge Protection

PITSS.CON Application Engineering protects the investments already made in the Oracle Forms application. By enabling the reuse of Forms business logic components as well as encapsulating the underlying data access layers, PITSS.CON preserves the time and effort invested in the resolution of application challenges.

With PITSS.CON, developers can take full advantage of existing logic as they move to SOA. They simply extract what they need from existing Oracle Forms applications and wrap the code for straightforward and automatic reuse by SOA applications.

About 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.



PITSS in Europe
Germany
+49/ 8171/ 21 62-10
sales.eu@pitss.com

PITSS in USA
Troy, MI
+1 (650) 248 740 0935
sales.us@pitss.com

<http://www.pitss.com>