



MedNet International Ltd.

<http://www.mni.gr/>

Industry: Health Insurance - Software

Oracle Products & Services:

- Oracle JDeveloper / Oracle ADF 11g R1
 - ADF Faces Rich Client
 - ADF Task Flows
 - ADF Business Components
- Oracle WebLogic Server 11g R1
- Oracle Application Server 10g R2
- Oracle Reports 10g R2
- Oracle RDBMS 10G R2

Related Software

- Subversion
- Linux

Project Scale:

- Project Manager
- Technical Manager
- Technical Consultant
- 16 Oracle ADF developers
- 200 Forms to develop
- 27 Logical Modules developed already
- 2600 ADF Business Components elements developed already
- 300 Java classes developed already
- 240 Web Pages developed already

MedNet International Ltd.

"Since the beginning of our company 17 years ago we have been exclusively developing on Oracle technology and this has enabled us to meet our business objectives. At the moment we have a very large investment in Oracle Forms 6i (around 700) and we have embarked on a project to re-write our product using ADF 11g. Oracle ADF 11g was the natural choice for us and we believe that it will help us upgrade our technology platform too while maintaining most of the rich UI features of Oracle Forms."

-Gerry Raftopoulos, General Manager, MedNet International Ltd.

Executive Summary

MNI is the information technology centre of excellence of the MedNet Group and Munich Re's Health Division.

MNI design, develop and implement comprehensive IT solutions for the health insurance industry. The solutions combine functionality for health insurance administration and management, E-Business and Business Intelligence that enable organizations managing health insurance risks to achieve a sustainable competitive advantage.

MNI also provide quality services that together with the solutions, contribute to their customers' success.

The Business Issue

MNI's product is designed to manage the Health Insurance business. It supports a wide variety of insurance products, including traditional indemnity, managed indemnity, Preferred Provider Organization (PPO) and Point of Service (POS). It supports all types of health insurance coverage including in-patient, outpatient, pharmaceutical, dental, vision and allowances for individual and group policies on the same system platform. MedNeXt integrates enterprise-wide core health insurance administration functionality, sophisticated health insurance management functionality, e-business capability and business intelligence, establishing a very powerful and flexible solution. MedNeXt's unique functional and technical features enable profitable business growth; drastically reduce medical and operational costs; improve customer service and loyalty; and lead to operational excellence and market leadership.

The Current MedNeXt product is based on Oracle Forms 6i. The issues faced are the following:

- The application is Client/Server based
- Clients require Rich JEE Web systems
- Integration through Web Services

Key Challenges

- Re-engineer existing Oracle Forms 6i health insurance product

- The new product is designed with a rich Web interfaces, supports high performance data entry operations and implements enterprise security
- The product is scheduled to be delivered to production within a relatively short period of time without disrupting the ongoing operations and current Oracle Forms 6i product functionality
- The developers had no prior knowledge of Oracle ADF and had to learn the framework

Solution

Develop a rich transactional Web application using Oracle ADF to implement MNI's strategy and brings new SOA value to customers.

The Oracle Solution: Oracle JDeveloper / Oracle ADF 11g, Oracle WebLogic Server, Oracle RDBMS

MNI decided to use ADF Business Components because this platform is used by Oracle itself for their next generation business applications, Fusion. Oracle ADF allows simple integration with Oracle SOA Suite and has shown to be stable and scalable when deployed on Oracle WebLogic Server.

Business Value

- Product is developed based on JEE standards
- Modernized product can be integrated with other systems using Oracle SOA Suite

Oracle Value

- New developers (Oracle Forms or JEE) can become productive within 4 weeks
- Oracle ADF integrates easily with WebLogic. Test and production deployment effort is minimized
- Oracle ADF provides declarative development approach, increasing development productivity
- Oracle ADF is central development tool of Oracle Fusion

Credits:

MEDNET INTERNATIONAL

Andrejus Baranovskis, Red Samurai
Consulting

Grant Ronald, Oracle

Application View

Action ▾ Information ▾

Apply Undo Create Authorisation... View Attach Claims... Print Announcement Letter Print Outpatient Information **Exit** Sales Entity...

Outpatient Insert Delete First Previous Next Last

* Insured Member Status OPEN Effective Date

* Policy Number Category Expiry Date

* Case Nbr Outpatient Nbr Search Insurance Company Deletion Date

Outpatient Procedures Notes

Provider

Notifying Information

Date Time

Method

Notifying Person

Notified Person's Name

Outpatient Information

Prescription Date

External Reference

Estimated Cost

Treatment Plan

View ▾ Insert Delete Detach

Procedure Type	Procedure	Date	Quantity
No rows yet.			

Diagnosis

View ▾ Insert Delete Detach

Diagnosis Type	Diagnosis Code	Date	Qualifier	Print
No rows yet.				

Internal Notes
Report Notes

Apply Undo