



Eurotransplant International
Foundation
Leiden, The Netherlands
www.eurotransplant.nl

Industry:
Healthcare

**Oracle Products &
Services:**

Oracle Application Server 10g
Oracle Forms
Oracle JDeveloper

“Oracle was the natural choice for us. It didn’t take long to find that its application development framework mapped to our needs nicely.” – Wilfred van der Deijl, System Architect, Eurotransplant International Foundation

Eurotransplant Equips Surgeons with Instant Access to Organ Information

Established in 1967, Eurotransplant International Foundation is a not-for-profit organization that helps coordinate the supply of organ donations and related information to relevant institutions in the Netherlands, Germany, Luxemburg, Belgium, Austria and Slovenia. The foundation brings together hospitals, transplant centers and laboratories in a collaborative framework, and supports scientific research aimed at improving the results of organ transplants.

Challenges

- Replace the restrictive legacy IT infrastructure with an information system that can adapt easily to future needs
- Provide physicians and surgeons with remote, online access to information about available organs and transplant waiting lists
- Make the system available offline from operating theaters
- Ensure security of the system

Solution

- Implemented a new IT architecture based on Oracle Forms, Oracle JDeveloper, and Oracle Application Server 10g, which gives physicians and staff fast, easy access to the information system via a Web browser
- Used Oracle JDeveloper and Oracle’s Application Development Framework to build a self-service interface that simplifies remote access, allowing surgeons to make crucial decisions the moment an organ becomes available
- Designed a desktop application using Oracle’s Application Development Framework that gives off-line access to the system in surgical theaters with no network access
- Integrated Oracle Forms technology with future-oriented, standards-based architecture, through the use of Oracle Application Server 10g, to ensure that the system can adapt easily to future needs and to increase the foundation’s return on investment
- Assures system security through Oracle’s single sign-on technology, whereby each member of the medical team logs on with an individual password