



Data Innovations
Brussels, Belgium
www.datainnovations.com

Industry:

Healthcare

Annual Revenue:

US\$21 million

Employees:

89

Oracle Products & Services:

Oracle Database Enterprise Edition
Oracle Active Data Guard

“Oracle’s embedded software licensing structure enables partners to leverage Oracle technology to bring the benefits of world-class solutions to companies of all sizes, without the financial risk of upfront investment.” – Bob Rothstein, Managing Director, Data Innovations Europe

Data Innovations Embeds Affordability into Market-Leading Clinical Laboratory Middleware Solution

Data Innovations (DI) is the world’s largest clinical and blood laboratory middleware company with over 6,500 installations in 58 countries and a market leading position in Europe. DI’s Laboratory Production Manager (LPM), which runs exclusively on Oracle Database, is a complete solution for pre-analytical, analytical, and post-analytical sample processing.

Challenges

- Increase market penetration by making LPM affordable and maintenance-free with rapid installation capabilities for hospitals and clinical laboratories without an existing Oracle site license
- Develop a high availability version of LPM with dynamic data backup to increase security and sample data integrity for customers operating older or less reliable laboratory systems
- Minimize risk by avoiding the need for upfront investment in the technology required to develop a high availability version of LPM

Solution

- Implemented Oracle Database Enterprise Edition, integrating it directly into LPM version 5.5.3 to provide an embedded, boxed turnkey solution for smaller clinics and laboratories which may not use Oracle Database
- Embedded Oracle Database Enterprise Edition into LPM to maximize system availability with built-in, automated data replication and disaster recovery
- Leveraged Oracle Database to enable end users to create one or more synchronized standby databases to protect against data failures, errors, or corruptions
- Used Oracle Data Guard to enable clients to switch operations to a standby database if needed without data loss or downtime
- Deployed Oracle Active Data Guard to provide hot backup of live data with the flexibility to configure replication frequencies to meet each client’s traffic volumes and data criticality needs
- Ensured data integrity during backup with Oracle’s redo log, which places system in hot backup mode while data is copied
- Leveraged Oracle’s royalty-based embedded software license to avoid the need for upfront investment, paying a percentage of the sale price of each customer system to Oracle