



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale
et de la Formation professionnelle

Luxembourg Ministry of Education
Grand Duchy of Luxembourg
www.men.lu

Industry:

Public Sector

Employees:

5,000

Oracle Products & Services:

Oracle Database
Oracle Application Server
Oracle Developer Suite

Oracle Partner:



VDS-Computing
www.vds-computing.com

“Working with VDS-Computing to implement the Oracle system has enabled us to monitor the class schedules, career paths, and scholarly progress of our 5,000 teachers and 45,000 students in the preschool and primary education system from a single computer. The Oracle solution is very stable and saves us time.” – Jean Schram, Project Leader Scolaria, Luxembourg Ministry of Education

Luxembourg Ministry of Education Streamlines Administration and Steps into e-Government

The Luxembourg Ministry of Education is responsible for monitoring and managing the national education programs that are executed by the local townships. The 116 local townships arrange their own educational organization and class schedules on a yearly basis.

Challenges

- Implement a reliable, flexible, and scalable IT solution that is easily upgradeable for future needs
- Standardize the administrative processes with proven state-of-the-art technology
- Restructure and organize communication channels for class schedules to monitor teachers' class allocations and extracurricular activities
- Allow interoperability with other databases for easy data exchange and synchronization

Solution

- Worked with VDS-Computing to implement Oracle Application Server on a single server and the Linux operating system to create a vastly reliable system
- Reduced overall development time of the application—from initial analysis to graphic interfaces—with Oracle Designer
- Streamlined and greatly reduced administrative tasks by replacing multiple documents with the ability to input standardized information via the Web to create simple and user-friendly graphic templates
- Enhanced efficiency by making the entire upstream administrative paper flow for monitoring teachers and students almost entirely redundant
- Provided a dynamic relational database to effectively combine data and statistics, as well as automatically generate forms and reports—resulting in new insights and trends prognoses
- Created XML data exchange for interfacing with external applications
- Implemented scalable and modular solution for 5,000 users