

## De Lijn increases efficiency by implementing a fast, reliable and user-friendly resource planning & maintenance portal



De Lijn  
Mechelen, Belgium  
[www.delijn.be](http://www.delijn.be)

**Industry**  
Transportation Industry

**Employees**  
+7.500

**Technology used**  
WebSphere Application Server  
Rational Application Developer  
DB2 database  
Java 1.5  
Spring  
Hibernate  
JSF

**Key Benefits**

- Better data quality
- No data duplication
- User-friendly GUI
- Better, faster and more efficient planning of resources
- Available anywhere, anytime via the Internet portal technology

“De Lijn” is the commercial name of the Flemish Transportation Company, an autonomous government company responsible for city- and area transport with bus and tram in Flanders. De Lijn was founded in 1990 and currently has more than 7.500 employees.

Today, De Lijn has a broad offering of durable and quality transportation solutions with a focus on safety, reliability, and efficiency. De Lijn is also an important interlocutor of the Flemish government with regard to the expansion of the mobility policy thus supporting the economical, ecological, and social development. The main objective is to contribute to a Flanders that is easily reachable and where living is good.

### Challenges

De Lijn made the strategic decision to replace all Domino technology/infrastructure by Java technologies for both the Internet and the Intranet. Several Notes applications still exist in production today. GFI was asked to port two Lotus Notes Intranet applications to the Java Enterprise (JEE ) platform, being:

- Opmachten controledienst (Assignments control service)
- Exploitatie storingen (Exploitation malfunctions)

The web solutions had to offer a very user friendly interface.

### Solution

The solution consists of:

- The implementation of a portal solution based on the IBM WebSphere Server technology
- Integration of existing Lotus Domino applications within the portal, making it modern web applications
- A user friendly interface with excellent performance, by using the latest Java technologies as JSF
- An easy maintainable solution by using standard Java frameworks such as Spring and Hibernate

**Thanks to the GFI expertise on Lotus Domino and WebSphere platforms, De Lijn has been able to modernize their Intranet applications.**