



Commune de Villeurbanne  
Villeurbanne, France  
[www.mairie-villeurbanne.fr](http://www.mairie-villeurbanne.fr)

#### Industry:

Public Sector

#### Annual Revenue:

US\$220 million

#### Oracle Products & Services:

Oracle Database  
Oracle Application Server  
Oracle Spatial

#### Oracle Partner:

Générale d'Infographie  
[www.generale-infographie.fr](http://www.generale-infographie.fr)

**“Using EP Center, Générale d’Infographie’s management solution, linked to Oracle Database, we can monitor our public lighting equipment and maintenance reactively on the ground.”** – Jean Louis Marin, DSI, Commune de Villeurbanne

## Commune de Villeurbanne Deploys System to Manage and Maintain more than 10,000 Lighting Points

With 134,000 inhabitants, Commune de Villeurbanne is the second-largest city in the Rhône. The Villeurbanne public lighting department is part of the technical services and environment directorate and is responsible for managing and maintaining public lighting equipment. The organization manages and maintains over 10,000 lighting points.

### Challenges

- Manage equipment, repairs, and preventive maintenance for more than 10,000 lighting points and the associated network
- Synchronize and update alphanumeric and cartographic data in real time
- Respect the geographic information system (GIS) architecture in place and make it possible to interface with existing third-party applications

### Solution

- Worked with Générale d’Infographie to deploy EP Center—a Web-based public lighting management solution for capital equipment, repairs, and preventive maintenance—on Oracle Database 10g and Oracle Application Server
- Implemented Oracle Database 10g to take advantage of its ability to handle a large volume of alphanumeric and cartographic data, its advanced administration and control functions, its management of concurrent processes and its automated backup and calculation processes
- Allowed officers operating on the ground to use personal tablet computers to input data on emergency repairs and intervention requests into the system
- Synchronized an automatic update of alphanumeric and cartographic data with Oracle Database 10g
- Used Oracle Database 10g, Oracle Spatial, and Oracle Locator to integrate and manage geospatial localization data on several hundreds of thousands of items relating to lighting installations, network topology, and associated background maps