



Prefeitura da Cidade de Santos  
Santos, Brazil  
[www.santos.sp.gov.br](http://www.santos.sp.gov.br)

#### Industry:

Public Sector

#### Employees:

11,000

#### Oracle Products & Services:

Oracle Database  
Oracle Real Application Clusters

#### Implementer:

Oracle Consulting

#### Oracle Partner:

GPTI Engenharia de Software  
[www.gpti.com.br](http://www.gpti.com.br)

**“Oracle collaborated with us throughout the project, from the viability study to the deployment. We needed a solution to protect our extremely strategic and mission-critical information, and Oracle Database fit our needs exactly. We are now thinking about new projects, adding such areas as healthcare and social services to this database.”** – Roberto Cruz, Software Engineering Coordinator, Prefeitura da Cidade de Santos

## Prefeitura da Cidade de Santos Implements Robust Database to Manage Strategic Information

The Prefeitura da Cidade de Santos is the administrative organization for the village of Santos, the main port on Sao Paulo’s coastline, which was recognized as a city in 1839. Today, Santos has a population of more than 418,000 and has an annual budget of US\$460 million.

### Challenges

- Implement a reliable, secure IT infrastructure to safeguard mission-critical applications
- Implement a robust database to address the need for an information repository for Prefeitura da Cidade de Santos (and for the entire City of Santos), both in the area of geoprocessing and in other areas within the scope of IT
- Transform outdated data processing center by enabling greater data capacity and reliability
- Reduce or eliminate downtime especially during peak periods at the beginning and end of the year
- Achieve financial viability for the project, as Prefeitura da Cidade de Santos is a public institution with limited resources

### Solution

- Migrated, over the course of nine months, 90% of all municipal data to Oracle Database, obtaining an overall vision of the city’s reference information (contract administration, school administration, and geoprocessing) in a single location
- Worked with Oracle Consulting and Oracle Partner GPTI Engenharia de Software to provide internal clients with greater speed, greater availability, and security with Oracle Real Application Clusters
- Achieved near real-time results even with a large volume of data through strategic investment in a new data repository
- Deployed Oracle Real Application Clusters to distribute data processing during system peaks at the beginning and end of the year—eliminating downtime previously experienced due to the number of internal and external clients accessing the system
- Reduced the amount of annual downtime from 10 hours to 2 hours, after the implementation of Oracle solutions