



Cannizzaro Hospital  
Catania, Italy  
[www.ospedale-cannizzaro.it](http://www.ospedale-cannizzaro.it)

**Industry:**

Healthcare

**Annual Budget:**

US\$219.5 million

**Employees:**

1,280

**Oracle Products & Services:**

Oracle Database  
Oracle Real Application Clusters  
Oracle Application Server

**Oracle Partner:**



Sicilia Sistemi  
[www.siciliasistemi.it](http://www.siciliasistemi.it)

**“The filmless system, which runs on Oracle infrastructure software, makes results and radiological images quickly available. It helps us to eliminate paper and film and drastically reduce the amount of time required to obtain results, resulting in improved efficiency and quality of the service.”**

– Giuseppe Digeronimo,  
Information Systems Manager,  
Cannizzaro Hospital

**Cannizzaro Hospital Improves Service with Filmless Radiology System Built on Reliable Data Infrastructure**

Cannizzaro Hospital is a level-three regional emergency hospital in Italy that offers citizens a wide range of diagnostic services and treatments. Located near the Gulf of Catania, it has about 35 wards for hospitalized and day patients, with three emergency rooms, a trauma center, two operating blocks, two operating theaters exclusively for emergencies, and two recovery rooms fitted with the latest equipment. In addition, the hospital features three rooms for various radiological diagnostics tests.

**Challenges**

- Rationalize and optimize filing and transfer of diagnostic images from digital radiographic equipment including computerized axial tomography (CAT) scans, magnetic nuclear resonance scans (MNRs), angiographies, etc.
- Reduce production and distribution of radiographic film drastically
- Share information easily and securely
- Centralize the radiological archive
- Decrease margin of error in archive management

**Solution**

- Worked with Sicilia Sistemi, an Oracle Partner, to implement a filmless system based on Oracle Database, Oracle Real Application Clusters, and Oracle Application Server, as well as Exprivia software, to make results and radiological images available to healthcare personnel in real-time and in digital form in all operating units
- Provided easy, secure access to digital radiological results for approximately 300 users
- Produced an efficient, easy-to-use system that has been favorably received throughout the hospital
- Improved the hospital’s efficiency, leading to higher quality service
- Realized considerable cost savings, as the hospital expects to reach the break-even point in just 13 months