Erasmus Medical Center
Rotterdam, Netherlands

Erasmus Medical Center is an internationally recognized hospital at the forefront of technological advances in patient care and logistics. Erasmus is also renowned for its innovative patient, educational and research facilities.

PROJECT DETAILS

Erasmus Medical Center underwent an extensive redevelopment before 2010, which included assurance of thorough TETRA emergency services coverage. Hospital management also took the opportunity to incorporate all commercial frequencies in the new in-building wireless network so it could offer optimized mobile coverage to patients and staff.

Zinwave's wideband in-building wireless platform was the easy choice for the hospital's requirements because its flexible hubs and inexpensive remotes made it cost-effective, its system architecture could be seamlessly integrated with the hospital's pre-installed cabling infrastructure, and it could support public safety as well as commercial cellular frequencies (including LTE) on a single hardware layer.

Erasmus is one of the first hospitals in the Netherlands to provide patients, visitors and staff with unrestricted mobile usage in all departments. The Zinwave system ensures frequencies used for TETRA and cellular services are optimized in all areas, including intensive care and special units, to facilitate public safety and critical radio communication while enhancing commercial cellular service availability.

VENUE

- 365,000 m²
- 1,300+ beds
- Treats 500k patients per year

SYSTEM

- 16 primary hubs
- 100 secondary hubs
- 514 remote units

SERVICES

- TETRA
- Major Dutch cellular carriers

THE ZINWAVE 3F ADVANTAGE

Zinwave's indoor wireless solution delivers three game-changing benefits.

FIBER BASED

Zinwave's simple, elegant solution leverages a building's existing fiber infrastructure and limits disruption to day-to-day activities during installation.

FULL SPECTRUM

From routine business communication to life saving emergency response, Zinwave is the only solution that supports all cellular and public safety frequencies on one hardware layer.

FUTURE READY

As smart buildings and BYOD become the new normal, Zinwave prepares your building for the future without the need for additional infrastructure investment.