

Central Office Premises and Rack Management System

Elisa Networks, Ltd.



The Document and Premises Management System handles information about 310 central offices and 9,500 racks.

Project Overview

Elisa Networks, Ltd. is a part of Elisa Communications Corporation, a group providing total telecommunications solutions in Finland. Elisa Networks is a nationwide network operator providing network operator products and services to other network operators. Its products are based on copper and optical fiber cable networks, as well as transmission and switching equipment. With these products, Elisa provides transmission capacity, network access services, voice telephony and Internet (IP) connections to its customers.

Elisa Networks' business and asset information systems, such as the customer, agreement and equipment space databases had no interfaces between them, making space management difficult. The need for better management is more critical now that the European Community's telecommunication regulations require that network operators make their telecom infrastructure available to third parties. To fulfill these requirements, infrastructure owners need accurate, fast and documented access to central office floor plans.

The Document and Premises Management System built on Bentley software brings all of the floor plans under Bentley® ProjectWise® control. Access to individual central offices is detailed on a per-customer, per-room basis. All of the rack cabinets are currently being entered into the system, in which any asset's location and availability can be determined by a simple query.

The solution enables Elisa to document compliance with the European Community's telecommunication regulations. Additionally, Bentley's solutions help Elisa improve efficiency, both during design and in operation. Searching for available floor or rack space, which could formerly take up to several hours, is now done in a matter of minutes.

Organization

Telecom Premises Department, Elisa Networks Ltd.

www.elisa.fi.com/english

Vertical Market

Geospatial - Communications

Location

Helsinki, Finland, Europe

Project Objectives

- Improve design and handling of central office premises
- Provide access to central office floor plans via intranet and the Internet
- Reduce time spent on searches for available floor space
- Integrate the business and asset information systems
- Comply with European Community regulations

Fast Facts

- Manages central offices in 310 locations
- Maintains information about 9,500 racks
- Maintains over 500 agreements
- Provides access to third-party operators
- Bentley SELECT® member since 1995

Bentley Products Used

MicroStation®
Bentley® I/RAS B™
Bentley ProjectWise
Bentley® Facilities Planner™
Bentley® Facilities Inquirer™
Bentley® Facilities Reports™
ProjectWise Reports

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