Objectivity.

Ericsson

Industry: Telecommunications

The Challenge:
A world leader in telecommunications, serving hundreds of telecommunications clients around the globe, Ericsson was developing ETNA (the Ericsson Transport Network Architecture), offering an integrated transport infrastructure for all telecommunications services.

ETNA had to include all transport network technologies including PDH (Plesiochronous Digital Hierarchy), SDH (Synchronous Digital Hierarchy) and WDM (Wavelength Division Multiplexing), under the control of a single, integrated, unified management platform.

The Objectivity/DB Solution:
The ETNA OSS is the integrated, unified management system that can control all transport equipment within the ETNA product portfolio. The ETNA OSS uses Objectivity/DB to provide storage of the network-related data.

Objectivity/DB allows ETNA OSS to provide a number of well documented interfaces based on international standards such as TMN, and gives it the flexibility for high scalability and distributed management configurations.

"A transport network must work as a single, coordinated entity, even though it may include many hundreds or thousands of network elements of various types," says Richard Winfield, Director of Marketing at Ericsson business unit Transport & Cable Networks. "Combining the building blocks to produce the network solution that's right for customer needs is of prime importance to Ericsson. We selected Objectivity/DB because of its scalability, performance and reliability," he adds.

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