



## Our Client

**A leading US Test & Measurement Solution vendor in the Network Monitoring market**

## The Challenge

Amartus was engaged to design and build a Carrier Class Test & Measurement solution that allowed network operators to carry out real-time monitoring of business and residential network services (MPLS & DSL). Amartus' knowledge of the IP Service Provider market, enterprise technologies and the Product Development life-cycle allowed for successful positioning well in front of the competition.

The initial project was built on top of an existing application. The charter was to deliver a next generation network monitoring solution for a L3VPN B2B Carrier. A key requirement was, seamless integration with the Service Providers OSS systems, allowing tier 1 operators to run tests with minimal ramp-up.

## The Solution

This solution required a team with deep knowledge of Operation Support Systems (OSS) and Networking as well as proven expertise building scalable and reliable Carrier Class software solutions.

Amartus chose to build the solution on the latest Oracle application server & database, which was configured to provide the scalability and high availability required. The solution implemented a full Java Enterprise (JEE 5) N-tier architecture with presentation, business and data layers.

Encrypted Web Services were used to communicate with the test engines and OSS's residing on separate servers.

## The Benefits

The senior team at Amartus has been developing Carrier Class software solution for leading Network Solution providers for over 15 years and were able to quickly add tangible ROI value.

The **first working solution** was **delivered in just 2.5 months** (from concept to go-live). Since this initial engagement the relationship has gone from strength to strength with the Amartus team continuing to play a strategic partnership role.

## Our Strengths

- Deep knowledge of the Telecoms and Networking environment built over 15 years (systems, protocols, management & standards)
- A strong background in commercial Product Development (strategy, planning & engineering)
- Extensive working knowledge of Tier 1 Service Providers
- Broad software expertise ranging from single platform systems to highly scalable enterprise solutions
- Proven track record in successful delivery of projects on-time and to budget
- Mature dedicated teams of highly experienced solution analysts, architects, designers and engineers
- 'One team' engagement process for clients with quick turnaround, minimal ceremony & low overhead

## About Amartus

- Headquarters in Ireland, with development centres in Dublin & Eastern Europe
- International client base (US & Europe)
- Sole focus on Telecoms software systems development
- Proven track record in New Product Development (NPD) & integration projects
- Mature, dedicated teams of engineers
- Long term relationships with a small number of key client companies
- Proven, iterative software development process
- Low staff attrition
- Strong client IPR protection