



Our Client

Leading Network Traffic Monitoring solution provider

The Challenge

The client was undertaking development of their next generation traffic monitoring solution and needed a team of highly skilled engineers with strong domain & technical expertise to work alongside their in-house team to develop the solution in a very tight time-frame.

Scalability and reliability is crucial for this solution, which sampled and analyzed large volumes of live network traffic, presenting real-time characterisation to the end user.

The Solution

Amartus provided a senior team of engineers to work alongside the client team, supporting them in key areas of architecture and engineering.

The solution consisted of a number of network appliances distributed throughout the network to capture live network traffic and report status to network operators via a Web based GUI. The Amartus team were responsible for development of a number of key components including an SNMP Agent for the network appliance (NMS integration), a Web User interface / Web GUI Framework for fine grained reporting and a Server Manager and IPC mechanism to manage and control processes. The system was built using Java / C++ with a Web based GUI deployed on Jetty and ran on a Linux platform. It incorporated many frameworks & components built for performance, reliability and extensibility.

The Benefits

The extensive domain and technical expertise of the senior Amartus team resulted in an immediate impact on the client's ability to deliver to an aggressive schedule. The flexible approach offered by Amartus led to the successful development of the solution on-time and to plan.

Our Strengths

- Extensive experience developing Network Management solutions for leading Telecoms operators
- Experts in building highly scalable enterprise solutions using a variety of platforms
- Strong product strategy & development experience
- 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 with quick turnaround, minimum 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