

A Flying Start — Network roll-out at record speed with a solution from IS Tools

Customer

A Fortune Global 500 provider of telecommunication equipment, system integration and related services to mobile and fixed network operators. The company is a world-leading, end-to-end telecommunications solution provider to more than 1000 networks in 140 countries – 40% of all mobile telephone calls are made through systems this company sells and supports.

Objective

Within 12 months, roll out a new, large and complex network, while simultaneously upgrading and integrating an old network with the new, for a major mobile telecommunications operator in the South Pacific region. The objective was to “green field” deploy and commission more than 5000 3G sites and, in parallel, upgrade the existing 2G networks to 3G at 2000 sites, within six months. To meet this objective within the 12-month goal, a substantial number of internal and external subcontractors were enlisted to conduct a multitude of work activities in parallel. Critical to the accomplishment of the objective was for project management to operate with the highest level of effectiveness and efficiency with, at the outside, a razor-thin margin for error.

Identified mission critical capabilities:

- Complete control at all times
- Strict adherence to the schedule
- Accommodate coordination and collaboration of stakeholders
- Readiness to jumpstart and support a diversified and dynamic project
- Complete, accurate and timely information with different access levels to different stakeholders

Solution

The IS Builder Platform was selected for management of the whole roll-out project. Professional services from IS Tools AB assisted in a rapid application configuration and deployment of the platform. A foundation for “best practice” gained from previous roll-out projects using The IS Builder Platform provided the template for getting the project “kicked off and flying”.

“Without IS Builder we would never have been able to keep the network roll-out speed at this level”

Senior Manager

Features of The IS Builder Platform solution:

- Report, track and monitor progress on-the-fly and with transparency
- Structure, delegate and distribute work assignments rapidly, with control
- A common communication vehicle for sharing accurate and timely information
- Dynamic online adaptation of project structures and process logic to deal with changes
- Proven and cost-effective IT platform
- Large and scalable concurrent usage for all stakeholders through Internet web browsing

Benefits:

- Boosted project speed and enhanced value chain efficiency, from end-customer through to sub-contractors, by providing process and teamwork support
- Short lead time for project start-up
- Ability to run many tasks simultaneously through proactive project management and performance measurement
- Deliver targeted project quality and productivity





The Story

Telecommunications operators measure revenue streams by uptime and capacity utilization of the network, and neither can be stored nor delivered later. Even instances of short downtime or reduction in network capacity can result in a huge loss of revenue with adverse bottom line impact. Vendor contracts involving strict and often costly penalties by reason of time delays are common in the industry.

The customer used The IS Builder Platform to configure and setup the project to manage and monitor progress of the entire undertaking. Information input and access, underpinning the effective and efficient use of resources, were delegated to stakeholders (e.g. company staff, customer and subcontractors) for an effective and efficient information flow. Geographically dispersed users employed web brows-

ing for instant access to crucial information, as well as to an aggregated overview. In this case our customer maintained a roll-out speed with commissioned sites exceeding 400 per week during some periods. Further, a project team of over 1500 people was depending on The IS Builder Platform to manage their daily work.

All critical aspects of the project were easily set-up together with appropriate relationships. These aspects and relationships could be maintained (e.g. extended or amended) at any time while the system was live with active users.

The IS Builder Platform from IS Tools addressed and delivered the critical capabilities required and was a crucial factor in the success of this project.

The Product

IS Builder is a state-of-the-art, Java-based platform for building complex yet flexible information systems.

Capability highlights:

- Provides a ready and easy to use framework for
 - set-up of structures, rules and logical aspects
 - management of complex access rights for internal and external users
 - modelling and configuring a complete information system application
- Dynamic adaptation in "real-time" while users are on-line
- Multilingual support
- Fully web-enabled and scalable to accommodate for large operations and concurrent usage
- Runs on Microsoft and Linux/Unix OS
- Supports and can be used with most modern database systems (Oracle, MS SQL, MySQL etc.)
- Proven - several thousand users in more than 40 countries; business processes are supported 24/7

The Company

IS Tools provides the foremost adaptive information system tool and platform mirroring and supporting your business processes.

We deliver:

- a cost-effective, proven, powerful and flexible product platform with associated professional services
- an information system and solution aligned with your business processes and not the other way around

The provider of the adaptive IS solution for

- sustainable competitive advantage
- operational excellence

Empowers organizations to do business their way

Shortens time-to-productive system