



Team Simoco

team talk

Press Release



Team Simoco's Xfin Selected for National Search and Rescue Radio Communications Network

ICS Electronics opts for Xfin technology to deliver cost-effective, easily managed national shore-based radio over IP network

26 October, 2009 – Xfin technology from radio communications specialist Team Simoco has been selected for use in a national maritime radio communications network.

ICS Electronics, which specialises in the provision of shore-based marine communications solutions, has ordered over 100 Xfin units from Team Simoco for use in a national radio communications network, which will ensure reliable maritime communications.

Team Simoco has worked closely with ICS Electronics to jointly develop this system solution for use in the marine environment. Session Initiation Protocol (SIP) has been integrated into the Xfin technology to support the specific operating and communications requirements of a coastal radio network. The Xfin IP Base Station was designed to work with the new ICS V4 Radio Over IP (RoIP) Marine Communications System which includes RoIP gateways, RoIP Audio Switch and Radio Operator Consoles.

The customised Xfin radio over IP network has been specifically enhanced for use within the marine environment and will enable maritime operators such as Coastguards, Military, Port & Harbours and Homeland security to communicate effectively and ensure a coordinated response.

Kevin Page, Managing Director of ICS Electronics said: "We opted for the Xfin system, as it best met the operating requirements of the marine environment, where reliable communications are vital to the mission-critical work being undertaken and for the safety of all staff and the people they are providing life-saving support to."

“A key additional benefit of the Xfin is that everything is housed in a single rackmount unit. It’s therefore simpler to install, requires less wiring and is as a result more cost-effective to deploy, lowering the cost of communication.”

Ian Carr, Managing Director of Team Simoco added: “ICS’ in-depth knowledge of the marine sector and experience of designing and implementing communications systems for this type of environment has been invaluable. Xfin’s IP capability ensured easy integration with ICS’ PC-based dispatch system, and we have worked closely with ICS to jointly develop a radio over IP solution customised for the unique communications requirements of coastal radio communication systems.”

Xfin is the world’s first fully distributed IP base station, enabling network connectivity over Internet-based IP connections. It delivers voice communications over an IP backbone, and includes integrated telephony channel interfaces as standard, allowing dynamically allocated telephone audio to be routed over an IP network to any traffic channel.

The future-proofed design enables easy network expansion, while its distributed IP system architecture and multiple fallback modes means Xfin is the only inherently resilient base station system. Xfin’s remote diagnostics enable centralised management control, and its hot-swap modular replacement enables live system maintenance without loss of service.