



Integrated Communications System

for Brunei Shell Petroleum

Project Profile

ST Electronics (Info-Comm Systems) delivered its home-grown SuperneT™ Integrated Communications System (ICS) to Brunei Shell Petroleum (BSP) in March 2008. The award-winning SuperneT™ ICS was chosen among solutions proposed by other established vendors due to its field-proven capabilities that meet BSP's stringent operational needs. It is also an established product constantly recommended by business partners to their customers.

The SuperneT™ ICS was installed at BSP's communications centre to provide its operators easy access to both telephone and radio via an integrated PC console. Based on VoIP technologies, the system can be expanded to include more operator positions with additional PC consoles. To cater to future needs, the system can add extra radio gateways to increase the number of radios connected to the system.

With the SuperneT™ ICS in place, BSP is able to manage their communications centre more effectively and efficiently.

THE SOLUTION

The SuperneT™ ICS can be deployed as a versatile communications backbone for both fixed and mobile communications centres. It seamlessly integrates wired and wireless communications systems, such as line telephony, digital/analogue radio systems, GSM/3G, VSAT etc., to create a unified communications network. The system delivers a complete suite of voice, data and multimedia services to fixed and mobile user terminals and between remote/mobile and fixed sites. It enables interoperability between different operators/agencies for closer coordination, enhanced operational efficiency, faster decision-making and responses to any situations.

Based on VoIP and RoIP technologies, SuperneT™ ICS is scalable and expandable. Its services can be extended over wide area networks. The system's open standard interfaces and protocols facilitates integration of various COTS devices and application specific communications systems such as digital/analogue trunk radios, conventional HF/VHF/UHF radio systems, WiFi/WiMax, 911/999 emergency telephony system, GSM/3G cellular systems, messaging systems, video conferencing and streaming systems, etc. It is suitable for use by the commercial, homeland security and defence sectors.



SuperneT™ Integrated Communications System

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