DATASAT COMMUNICATIONS

Government networks based on cost, security and perfromance

Whether building a global infrastructure for diplomatic services or delivering communications for the effective operation and protection of critical infrastructure, government networks are driven by three key requirements: Cost, security and performance. Datasat Communications provides effective communications in the world's hard to reach places.

Datasat has over 25 years of experience in designing, building and managing international government networks. Regardless of the location, the company delivers high quality, robust, secure communications when and where it is needed. Datasat networks operate at the highest levels of security, reliability and availability to meet the stringent requirements of those involved in emergency services and critical infrastructure.

Regardless of the location, Datasat Communications delivers high quality, robust, secure communications when and where it is needed.

Above all, every government organisation anywhere in the world is operating within a very tough fiscal environment. Secure communications are essential but they must also be cost-effective. Datasat networks minimise the amount of network equipment and management overhead required. In addition, Datasat provides exceptional reliability through facilities such as multi-path and redundant path routing as well as back-up networks.

› Best of Breed Networks

Best-of-breed network infrastructure based on the appropriate blend of communications technologies to guarantee connectivity in the world's hard to reach places.

› Adding network intelligence

Intelligent network management increases security, coverage and performance while reducing the amount of network equipment and management involved.

› Dynamic bandwidth

High speed, dedicated or shared, primary or back-up satellite backhaul for global connectivity and remote management anywhere in the world.

› QoS Management

Through intelligent Layer 3 management, our wireless network infrastructures are driven by full Quality of Service (QoS) management - to an individual traffic type or user group level.

› Security Clearance

All members of the Datasat installation and engineering teams have received UK government security clearance.

› One Stop Communications

Complete remote communications solution from a single supplier – with a single contract, single SLA and single pricing structure.

Datasat specialises in providing high quality, high performance connectivity into hard to reach places. Our Government networking services are especially beneficial where secure, cost-effective communications over extended geographical areas is essential. Key areas include:

Diplomatic Networks An end-to-end service to provide a complete and secure global network for voice and data to embassies and consulates.

Emergency Services A range of satellite backhaul and rapid deploy services for emergency services and first responders. The focus is on availability where communications is essential.

Critical Infrastructure Datasat networks add video surveillance capabilities to traditional low bandwidth data systems for remote asset monitoring and protection.

In addition to the company's experience of delivering secure VSAT satellite systems into remote locations, networks from Datasat Communications are formed around a range of wireless technologies designed around innovative Layer 3 architecture that extends the performance, security, manageability and reliability of the network infrastructure.

Figure 1: A global network infrastructure configuration to connect embassies and consulates across the world to central office..

IP-based surveillance equipment can be connected like any other network device and the network extended quickly and cosy-effectively - one camera at a time.

A single network infrastructure can provide complete multi-service operation and concurrent wireless backhaul over the license-free 2.4GHz and 5GHz frequency bands. Whilst wireless provides an excellent solution for local connectivity, satellite backhaul enables connectivity between remote locations and central Government offices. Satellite technology delivers a very high degree of maturity, reliability and security. In this way, Datasat can deliver network availability of 99.95%.
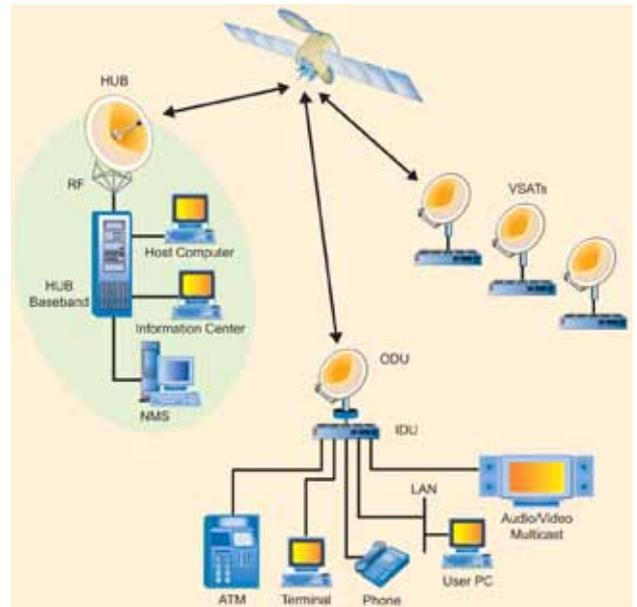
Contact us today with your communications requirements on **+44 (0)118 934 9199** or email us at **sales@datasat.com**

DATASAT COMMUNICATIONS

A DATASAT COMPANY

5 TAVISTOCK ESTATE
RUSCOMBE LANE
TWYFORD
RG10 9NJ, UK

+44 (0) 118 934 9199
sales@datasat.com
www.datasat.com