

SOLUTION OVERVIEW BANKS AND FINANCIAL INSTITUTIONS

Satellite Networks — Delivering Security and Reliability

24/7 online banking is a necessity for all financial institutions. Mobile banking is quickly growing in all parts of the world. Real-time account management, with up-to-date client profiles, is now expected by bank customers. Next generation ATM will integrate even more services like loan applications, video call to customer service agent, as well as on-demand service. Bank networks also need to provide access to the most remote agencies, as well as ATMs or Point of Sale equipment in a secure and reliable way. This requires flawless IT operations with high availability and fully redundant infrastructure to comply with local regulations.

Banking applications, like all other enterprise applications, are moving to the Cloud. This change will require an efficient network infrastructure that is both cost-effective and easy-to-manage. By supporting SD-WAN, which integrates diverse networks and broadband access types with advanced QoS technologies to balance traffic, service providers can begin to deliver a cost effective solution that is easy-to-manage.

A satellite-based solution provides the answer to all these connectivity challenges. Multipurpose satellite networks provide a highly efficient means for advancing banking applications, from ATM integration to VoIP and business continuity, providing fast, reliable connectivity under just about any circumstance.

EVOLUTION

DIALOG

powered by

Newtec  **iDIRECT**

Key Features

- Extend/complement terrestrial network
- Secure connectivity using AES256 and/or IPSec
- Flexible QoS model for best Quality of Experience
- Easy integration into corporate networks provides a cost-effective solution
- Best in class bandwidth efficiency with lower operational cost
- Dual mode technology to provide highest availability for ATM or PoS network

ST Engineering iDirect's Solution

- ST Engineering iDirect is a leader in satellite ground infrastructure and solutions. Our primary offerings for the enterprise market are Dialog, Evolution and Velocity. Leading satellite operators and service providers around the world rely on these multiservice platforms to deliver exceptional efficiencies, performance and service capabilities with the scale and flexibility necessary to expand global connectivity requirements. Our platforms are designed to enable sophisticated Quality of Service (QoS) management providing easy integration into the existing corporate network. Our QoS features allow for countless possibilities of quality of service levels, bandwidth management and traffic prioritization resulting in higher Quality of Experience (QoE). Furthermore, our technology brings maximum virtual private networking flexibility, enabling Layer 3 routing and Layer 2 networking over the satellite links, so that they can operate seamlessly as part of an integrated global IP network. With Layer 2 over Satellite (L2oS), our platforms can implement a variety of modern, converged network architectures; pass any Layer 3 protocols; and more easily integrate with hybrid network scenarios.
- VSAT solutions need to assure full security of personal data and bank transactions, with encryption. Our solution supports advanced encryption Standard (AES) and IPSec for secure connectivity solutions such as Point of Sale (POS), ATM and corporate communications.
- Dual Mode terminal (VSAT and LTE) will ensure that ATM or Point of Sale networks are always connected, ensuring the high availability required for these services while having access to the bandwidth needed to develop new services.
- Our innovative satellite technologies such as DVB-S2X, Adaptive TDMA and Mx-DMA® provide unprecedented bandwidth usage efficiency, resulting in the lowest possible OPEX, while assuring the best-in-class service reliability. For transactional data, such as payments transactions we offer a range of cost-effective VSAT terminals with Adaptive TDMA return links. In addition, quick and easy deployment using remote commissioning tools and installation certification and verification assures rapid and reliable VSAT network deployment using local technicians.
- Our commitment to ongoing innovations and developments such as support for multi orbit constellation, SD-WAN, and the 5G standard, will protect today's investment with forward compatibility.

At ST Engineering iDirect, we have all the enterprise solutions that service providers need to pursue the broadest market opportunity and choose the right technology for their business model and expansion strategy.

For more information about banking solutions, please contact your Sales Representative at sales@idirect.net.

