

TDMA Upgrade to Satellite Communications Earth Station in Africa

A large international telecommunications company selected L-3 Satellite Networks to provide a broad array of products and network expertise to modernize its satellite communications system in Africa.

The Situation

L-3 Satellite Networks' customer, a leading provider of telecom services in Africa, needed to update its **earth station** to improve the quality of communications and enhance the capabilities of its international telecom facilities.

The customer's legacy facilities seriously affected the reliability and quality of the service it provided to North America, Europe, the Middle East, and other African countries. The customer wanted to upgrade its equipment with advanced digital technology that included Time Division Multiple Access (**TDMA**) terminals and IF/RF equipment.

The project required a turnkey solution that included all engineering services, staff training, equipment installation, and long-term support. The customer's staff had already made successful first-level technical and operational decisions, but they needed expert help in defining their overall program approach.

The Solution

L-3 Satellite Networks' complete solution included expert engineering design, systems installation and integration, and onsite facility management. These service components were essential because the customer's existing equipment was difficult to maintain and prone to failure. L-3 Satellite Networks provided reliable, high-quality, and cost-effective international telecommunications service to the global clientele.

The Benefits

- Complete solution.
- Upgrade to digital platform enabled system-wide improvements to the service.
- Custom-designed to meet Intelsat TDMA standards.
- Delivered on time.
- Technical support continues as needed.



communications
Satellite Networks

125 Kennedy Drive • Hauppauge, NY 11788
Ph: +1-631/272.5600 • +1-800/666.7060
Fx: +1-631/272.5517
www.L-3com.com/satellitenetworks
Em: SN.mktg@L-3com.com