

Tellabs Government Systems Fact Sheet

Tellabs Government Systems helps to enable ultra-reliable telecommunications that meet the mission-critical needs of government. Many of the world's largest telecommunications service providers trust Tellabs network solutions to provide their customers with reliable, quality services. Today, Tellabs carrier-class equipment handles most Internet sessions and phone calls in the United States — with superior reliability and the highest quality of service.

More than three decades of engineering expertise and Joint Interoperability Test Command (JITC) certified products make Tellabs an excellent partner to meet the needs of government. Tellabs solutions are deployed in multiple government agencies including the Defense Information Systems Agency (DISA), Department of Energy (DOE), U.S. Army, U.S. Navy, U.S. Air Force, U.S. Marines, and many civilian agencies.

Innovative Solutions

Tellabs Government Systems works with government agencies to understand their unique technology challenges. Tellabs offers the Tellabs® Optical Enterprise Solution, comprised of Tellabs Packet Optical Transport and Tellabs Optical LAN.

Bandwidth Management with Tellabs Packet Optical Transport

Tellabs optical networks provide bandwidth on demand, network diagnostics, integrated testing and full remote management capabilities to provide the lowest life cycle costs.

- The Tellabs® 7100 Optical Transport System (OTS) and Tellabs® 7100 Nano™ OTS offer a single, flexible platform that combines the most advanced optical networking and services layer technologies. Supporting up to 88 channels ranging from 100 Mbps to 40 Gbps, the Tellabs 7100 OTS offers the scalability, service flexibility and cost-effectiveness that enable true next-generation transport networking. Supporting Wavelength Division Multiplexing (WDM), Wavelength Selective Switching-Reconfigurable Add/Drop Multiplexer (WSS-ROADM), Add/Drop Multiplexer (ADM) and Ethernet capabilities, the Tellabs 7100 OTS is ideal for intra-/inter-base and agency infrastructures and facilitates a smooth migration to packet-based services over a mesh network.

Base Modernization with the Tellabs Optical LAN

Tellabs Optical LAN provides high-speed, high-bandwidth and secure voice, video and data service delivery over a converged fiber network. Leveraging industry standard GPON technology, fiber is deployed over a passive intra-building network to the communication closet or directly to the desktop. Traditional copper-based Local Area Networks (LANs), copper-based phone, and coaxial-based video services are consolidated onto a single fiber. Base modernization projects can choose from Fiber-to-the-Desktop and Fiber-to-the-Communications Closet architectures.



These applications eliminate costly and power-hungry Ethernet switches while delivering high-bandwidth voice, video and data services over fiber or existing interior copper infrastructures. Both applications offer compelling capital savings, significant reduction in power usage, and the ability to eliminate electronics from the Communications Closet while delivering gigabit speeds to end-user workstations.

- Tellabs Optical LAN features the Tellabs® 1100 Multiservice Access Platform (MSAP) which serves millions of households at major U.S. service providers. The Tellabs 1100 MSAP serves as an Optical Line Terminal (OLT) that enables network convergence over a fiber infrastructure. Up to 2.4 Gbps per end-user are delivered using native end-to-end IP/Ethernet technology.

Multiservice Routing for Inter-Agency Communications

Tellabs Multiservice Routing solutions enable guaranteed service delivery for the seamless inter-operation of Internet Protocol/Multiprotocol Label Switching (IP/MPLS), Ethernet, legacy Asynchronous Transfer Mode/Frame Relay (ATM/FR) and Time Division Multiplexing (TDM) networks. Through sophisticated Quality of Service (QoS) techniques, Tellabs solutions help support mission-critical service levels and also offer Tellabs® ServiceAssured™ in-service upgrades.

- The Tellabs® 8800 Multiservice Router Series is designed to gracefully migrate legacy infrastructures and converge Layer 2/Layer 3 services onto a single platform, providing a gateway to IP/MPLS core networks.

Comprehensive Portfolio of Turnkey Engineering, Support and Consulting Services

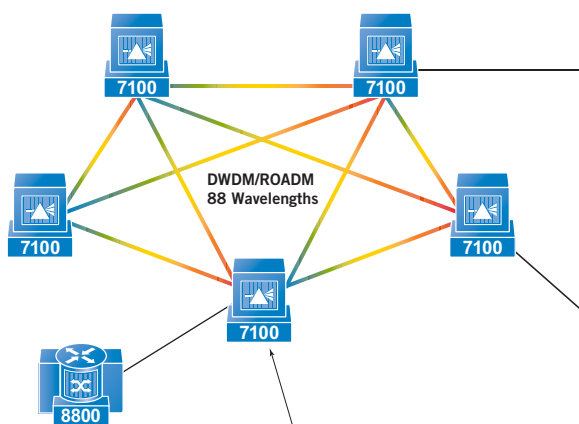
Leveraging our deep expertise and specialized services, Tellabs® Global Services helps solve the complex challenges faced by government agencies that are required to deliver applications and services on carrier-class networks. Tellabs Global Services delivers the skills and experience required to help plan, build and operate a full range of optical, GPON and data networking services including professional and consulting services, deployment services, support services and training.

Tellabs Government Systems Solutions

PACKET OPTICAL TRANSPORT

Base Modernization

Deliver high-bandwidth voice, video and data across campuses or military bases, eliminating costly Ethernet switches



Multiservice Routing

Migrate legacy infrastructures and converge Layer 2/Layer 3 services onto a single platform to provide a gateway to IP/MPLS core backbone networks

Packet Optical Transport

Providing flexible transport solutions with ADM, Carrier Ethernet, and ROADM -based DWDM technology integration

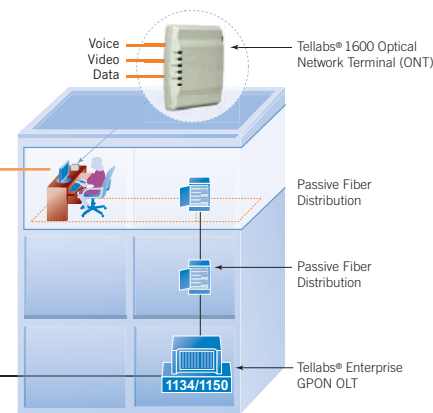
Track Record of Success

For more than 30 years, service providers have trusted Tellabs equipment to meet the critical needs of their customers, including government agencies.

GPON OPTICAL LAN

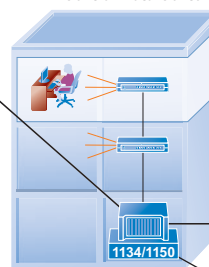
FTTDesktop

Deliver high bandwidth solutions to the desktop

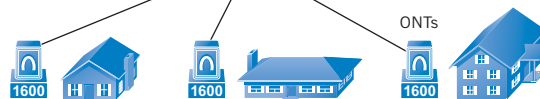


Fiber to the Communications Closet

Central Data Center



Tellabs® Enterprise GPON OLT



Voice - Video - Data

Mission

The heightened telecom needs of many federal agencies now resemble the needs of carrier networks, as opposed to those of large enterprises. Tellabs Government Systems is dedicated to helping federal agencies meet the demand for advanced network performance with carrier-class equipment.

Sales

The complete suite of Tellabs solutions offers flexible, scalable products designed for the most challenging applications. For additional information about how Tellabs Government Systems can support and enhance the unique telecommunications needs of government, please call +1 240 686 6801 or email sales-info@tellabs.com.

Procurement

Various contract vehicles are available via Tellabs strategic partners. Please contact us to obtain a list of suitable contacts for your specific application.

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