

# Telos Campus Wi-Fi Solutions

*Moving toward an all-wireless workplace.*



## Telos solutions make pervasive mobility possible while reducing operating costs, improving user experience, enabling mobile initiatives and enhancing security.

Many government and commercial organizations are shifting from desktop computing to mobile computing systems, using laptops, smartphones and tablets. Telos builds high-performance 802.11n/ac indoor and campus mobility networks to carry voice, video and data traffic across the enterprise in a robust, seamlessly roaming wireless environment.

The mobilization of applications, bring-your-own-device (BYOD), public hotspot access and software-as-a-service are driving requirements for organizations to deploy end-to-end mobility solutions. These trends are mandating enterprise-wide Wi-Fi systems, almost like a carrier network that delivers mobility services to many different users, devices and locations within the enterprise.

Telos Enterprise Campus Wi-Fi solutions consist of the key capabilities these organizations need to support their mobility requirements, resulting in a secure wireless LAN (WLAN) system that provides exceptional coverage, capacity, and reliability.

### WLAN Infrastructure

Telos Campus Wi-Fi infrastructure includes Master and Local Mobility controllers to manage the wireless access points (APs); Air Monitors (AMs), which are APs configured to listen and monitor the airwaves; and other key elements of the solution. Access points, antennas, and Air Monitors are installed and configured to provide optimum coverage and performance in a seamless roaming environment.

### Intrusion Detection and Prevention

Wireless intrusion detection systems (WIDS) are integrated into the Campus Wi-Fi solution using Air Monitors and WIDS software on the Mobility Controller.



### Network Access Control

Telos integrates centralized network access control (NAC) into the Campus Wi-Fi solution to provide RADIUS/PKI authentication of users for authorized access to network resources.

### Centralized Management

Mobility Controllers provide end-to-end visibility and centralized control of all network components. Enterprise management of multiple locations can be implemented to ensure an entire organization, regardless of location is managed, monitored and controlled at the same level

### Mobile Device Onboard/Policy Management

BYOD is being implemented across government and commercial enterprises, are bringing exceptional value and cost savings to organizations. The Telos Campus Wi-Fi integrates mobile device onboarding and policy management to securely manage these devices.

### Guest Access

Telos Campus Wi-Fi secure guest access allows visitors to access the internet and their VPNs in order to reach their own network resources.

Telos Campus Wi-Fi solutions provide significant value and capability for the mobile enterprise. IDC reports that moving to a wireless workplace results in budgetary savings, increased business productivity, ease of onboarding and policy management, and a reduction in infrastructure costs.

- Centralized management
- Network access control
- Mobile device onboarding and policy management
- Secure guest access



*A secure campus-wide Wi-Fi environment helps improve efficiency, boost productivity, and reduce errors thanks to greater collaboration and real-time information at the point of work.*

#### **Government**

Provide secure access to NIPR and SIPR networks. Allow secure guest access. Provide mobile device on-board and policy management, mobile application management and mobile device threat detection.

#### **Manufacturing**

Personnel can manage logistics, shipping, receiving, and warehouse inventory using handheld devices anywhere in the facility. Processes streamlined through mobile-enabled RFID, voice recognition, applications, and other technologies.

#### **Healthcare/Hospital**

Provide mobile device access to health records while simultaneously providing disruption-free access to Wi-Fi voice handsets. Integrate patient monitors and telemetry devices. Track shared medical equipment using RFID tags.

#### **Critical Infrastructure**

Technicians can access repair manuals and order replacement parts at the point of maintenance. Wireless SCADA and ICS are securely enabled for tighter management of devices and processes.

#### **Educational Facilities**

Enable students in crowded academic environments to improve collaboration and learning while supporting the proliferation of personal mobile devices using a robust 802.11ac Wi-Fi network.



Please contact us to get started planning for the future with a campus Wi-Fi solution for your organization. We look forward to working with you.

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