

Telos Designs and Implements an Enterprise Mobile Solution for DISA

The Defense Information Systems Agency (DISA) needed to provide access to DISANet throughout the three-building DISA campus at Ft. Meade. This access needed to be secure and available whether employees were at their desks, in a conference room, or roaming throughout the campus. DISA also wanted to set a baseline architecture for wireless connectivity to DISANet for use at all DISA locations and set a standard for secure use of wireless LAN across DoD.

Telos Solution

Telos secure wireless and information assurance engineers and project personnel worked closely with DISA network and security personnel to develop a solution that provides centrally managed enterprise wireless LAN capability. This allows all authorized personnel access to their network resources anywhere they needed to physically be throughout the campus.

Solution Capabilities

The initial phase of the implementation ensured ubiquitous secure wireless access with the following capabilities:

- Seamless roaming across campus
- Laptop connectivity to DISANet
- Centralized management
- Multi-site enterprise management
- Radius authentication – using Aruba ClearPass
- Integrated wireless intrusion and protection
- Guest access network/CAC-enabled laptops – using Aruba ClearPass
- Security authorization and approval
- Program management, training and on-site support

A follow-on effort was then implemented to include integration of the enterprise wireless LAN solution with the currently deployed DoD mobility solution. DoD's mobility platform is based on a mobile device management solution from MobileIron for iOS and Android devices and the Blackberry Enterprise Service platform for Blackberry devices. Telos integrated these two platforms into the Aruba Wireless LAN environment using the Aruba Clearpass software for secure network access and mobile device onboarding.



The additional capabilities offered with this solution include:

- WLAN access for mobile devices
- MDM integration for enterprise mobility
- Blackberry integration for enterprise mobility

Security

Telos security experts worked with the DISA FSO to ensure the wireless components added to the DISA network met all requirements to ensure a secure solution was implemented.

Conclusion

Telos and DISA worked together to build out an enterprise mobility platform that integrates wireless LAN and cellular access for all approved laptops, iOS devices, Android devices, and Blackberry devices. This standard, approved solution is now available for all other DISA locations to implement. It allows all remote sites to be centrally managed from DISA Ft. Meade. And it provides all the security documentation necessary to replicate this solution across DISA and DoD.

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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