



# Cisco/Harris Secure Wireless Architecture Type 1 (SWAT1)

## Two Industry Leaders Providing One Industry-Leading Wireless Encryption Solution

In the past, NSA-approved Type 1 wireless options were somewhat limited in number and functionality. We're excited to overcome those factors with a unique and innovative partnership between two of today's leading technology companies offering enterprise-class 802.11 wireless, NSA-approved Type 1 HAIPE products and world-class integration services.

## Cisco/Harris—Partnering for Your Success

Two companies you've long known as industry leaders in network equipment, management and support have teamed to deliver your agency SWAT1—the premier, fastest Type 1 wireless solution available on the market today. Now you can get the best of Cisco and Harris products, services and expertise in a seamless, scalable offering that satisfies your wireless security needs and redefines your mission potential.

## How the Partnership Works

The Cisco/Harris partnership unifies each company's core strengths into a cohesive solution that can help your agency accomplish your mission objectives with expert architecture, integration, installation and support.

1. **Cisco** – The industry leader in installed wireless networks provides the backbone of your wireless network to ensure reliable access to voice, video and data applications.
2. **Harris** –Manufactures the fastest Type 1 wireless product available. And, through its Harris IT Services division, can engineer, furnish, install, operate, support, manage and provide training for your secured wired and wireless environments.

## SecNet 54™—The Fastest Type 1 Wireless Product Available

Harris' new SecNet 54™ delivers speeds of 54 mbit/s for 802.11a/b/g. Beyond supporting the NSA's High-Assurance Internet Protocol Encryptor (HAIPE) standards, SecNet 54 delivers new levels of flexibility that enable Harris to design and architect new and existing Cisco-based networks with Type 1 security to satisfy your agency's specific needs today and as they evolve.

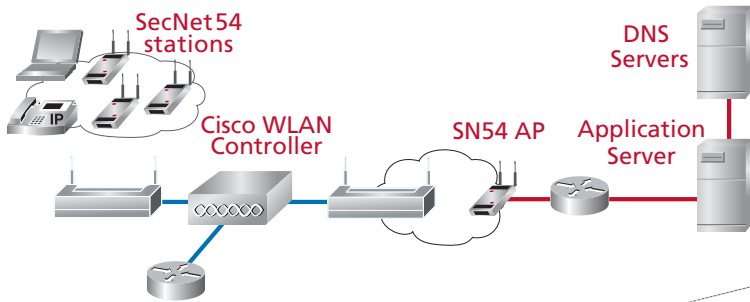
## The New Standard of Type 1 Wireless Devices

| Product           | Security                              | Throughput          | Standard-Based<br>Red and Black Sides |
|-------------------|---------------------------------------|---------------------|---------------------------------------|
| Harris SecNet 11™ | Type 1 Link Encryptor                 | Up to 11<br>Mbits/s | --                                    |
| Harris SecNet 54™ | Type 1 HAIPE<br>Encryptor 802.11a/b/g | Up to 54<br>Mbits/s | ✓                                     |

**HARRIS**®

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# Global Military and Commercial Red Data Center WLAN



## Impressive Advantages

This unique partnership gives your agency the assurance of knowing you're working with industry leaders to get an end-to-end solution that delivers measurable advantages.

### Intelligence

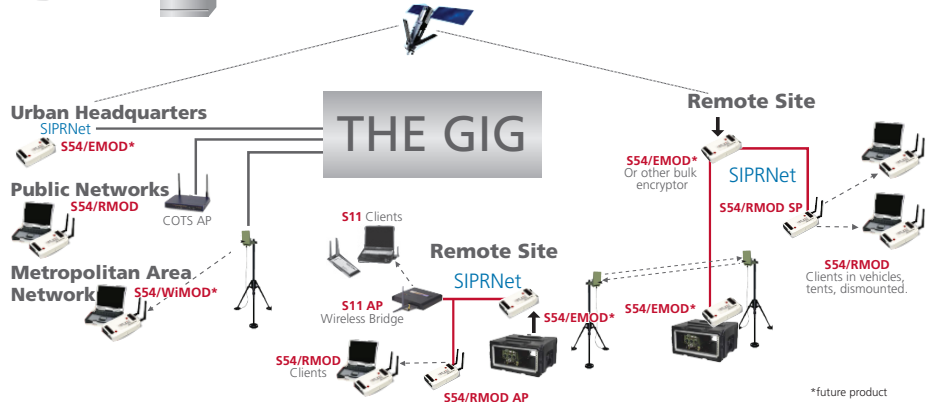
- Data confidentiality (FIPS 140-2 WPAv2 and HAIPE Type-1)
- Location tracking of SecNet 54 devices within WLAN
- Wireless intrusion detection
- Location-based alarms
- Fast secure roaming
- Wireless QoS (802.11e) prioritization of HAIPE traffic on WLAN
- End-to-end network management

### Integration

- HAIPE interoperability
- Use with outdoor mesh products
- Compliant with DoD 8100.2 WLAN Policy
- Scalable for large enterprise deployments
- Routing between SecNet 54 clients without N\*(N-1)/2 tunnel configuration at the end point
- Team is capable of handling and integrating ComSec devices
- Integrate existing networks on a single Type 1 network instead of parallel networks

### Insight

- Cisco's Cognio Spectrum Expert for WiFi provides full, real-time spectrum and protocol visibility into WiFi networks
- Perform real-time RF spectrum analysis for troubleshooting WLANs
- Detect and identify specific interfering devices in real time, including Bluetooth, cordless phones, microwave ovens, video cameras and dozens of wireless modulation techniques
- Pinpoint the location of problematic wireless devices
- Record and play back spectrum troubleshooting sessions
- Graphically display the WiFi spectrum in any number of user-configurable graphs and charts
- Analyze all WiFi and public safety bands (4.9GHz) of spectrum in use today, including 802.11a, 802.11b and 802.11g



## Why Cisco/Harris

Just as SWAT1 is tightly integrated, so to is the innovative Cisco/Harris partnership. Your agency has the advantage of working with a single contact throughout the planning and implementation process, and your solution can be custom designed to specific architecture demands, while remaining easily scalable to grow and evolve with your mission requirements.

## Learn More

Contact us at [Ask\\_The\\_COE@external.cisco.com](mailto:Ask_The_COE@external.cisco.com) to discover how the powerful Cisco/Harris partnership and SWAT1 — the premier, fastest Type 1 wireless solution available on the market today — can take your agency's productivity, efficiency and success to the next level.

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