

## Cisco Integrated Services Routers Generation 2 Earn Multiple Government Security Certifications



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Cisco was recently awarded three separate government cryptographic validations in network routing for 12 of its newest [Cisco Integrated Services Routers Generation 2](#) (ISR G2) by the National Institute of Standards and Technology (NIST), pursuant to U.S. Federal Information Processing Standard (FIPS) 140-2. Cisco was awarded FIPS Level 2 validations.

The new platforms are architected to enable the next phase of branch-office evolution, providing rich media collaboration and virtualization to the branch while maximizing operational cost savings.

The newly validated FIPS 140-2 Level 2 Cryptographic validated products include:

<a href="#">FIPS #1520</a>	<a href="#">Cisco 1905, Cisco 1921, Cisco 1941, Cisco 2901, Cisco 2911, and Cisco 2921 Integrated Services Routers (ISR G2)</a>
<a href="#">FIPS #1521</a>	<a href="#">Cisco 2951, Cisco 3925, and Cisco 3945 Integrated Services Routers (ISR G2)</a>
<a href="#">FIPS #1529</a>	<a href="#">Cisco 881, Cisco 881G, and Cisco 891 Integrated Services Routers (ISR G2)</a>

### FIPS Validations

[FIPS 140-2](#) is required for all federal agencies that use cryptographic-based systems to protect sensitive information in computer and telecommunication systems. The cryptographic modules are produced by the public sector community, for use by the U.S. government and other regulated industries that collect, store, transfer, share, and disseminate sensitive but unclassified information. FIPS validation is a procurement prerequisite mandated by law for

all networking products providing cryptographic functionality for use by most federal government, intelligence, and civilian agencies.

### **What Are the Benefits and Features?**

Government customers can trust the integrity, security, and interoperability of their network routing systems and continue to procure and deploy Cisco products in their networks. The newly validated Cisco® ISR G2 is the latest generation of Cisco Integrated Services Routers available now to federal government customers. Cisco ISR G2:

- Provides a highly secure and reliable platform for scalable, multiservice integration
- Delivers next-generation WAN and network services, enabling the cost-effective delivery of high-definition collaboration at the branch office and providing a secure transition to the next generation of cloud and virtualized network services
- Enables small-to-large IT teams to scale services worldwide
- Provides excellent service delivery, on a single platform, now with up to eight times greater performance, and with the architectural scalability and investment protection needed to minimize overall deployment costs
- Investment protection with support for most of the prior generation of integrated services router interfaces

### **Features of the Cisco IRS G2 include:**

- Future-enabled with multicore CPUs
- Support for high-capacity digital signal processors (DSPs) for enhanced video capabilities as the technology evolves
- High-powered service modules with improved availability
- Gigabit Ethernet switching with enhanced Power over Ethernet (PoE)
- New energy monitoring and control capabilities, with enhanced overall system performance

### **Our Certification Commitment**

Cisco maintains an active product certification and evaluation program for products deployed by the U.S. Government and governments around the world. These efforts include Common Criteria and cryptographic algorithm implementation validation, as well as efforts associated with Approved Products Lists (APL) for global governments, including:

- The Defense Information Systems Agency (DISA) Unified Capabilities (UC) APL
- The NATO Information Assurance Product Catalog (NIAPC)

Cisco recognizes that certifications and evaluations are important to our government customers. We invest millions of dollars annually to meet the rigorous standards set forth by the Common Criteria community, National Institute of Standards and Technologies, and Defense Information Systems Agency. Cisco has a dedicated resource team of comprised of program managers, subject matter experts, and test engineers working with product and customer teams early in the product development lifecycle to help ensure adherence to certification requirements. This team also drives and supports the product evaluation efforts throughout the certification process.

## For More Information

For more information about Cisco's newest Integrated Services Router Generation 2, visit:

[www.cisco.com/en/US/prod/collateral/routers/ps10538/aag\\_c45\\_556315.pdf](http://www.cisco.com/en/US/prod/collateral/routers/ps10538/aag_c45_556315.pdf)

For more information on how Cisco is leading the way on U.S. government certification, visit

[www.cisco.com/go/govcerts](http://www.cisco.com/go/govcerts) or contact your Cisco account representative.

For more information about the Federal Information Processing Standard (FIPS), visit the [National Institute of Standards and Technology \(NIST\)](http://www.nist.gov).



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