

Verizon Cypher Suite

End-to-end
encryption for
commercial
smartphones

verizon[✓]

Powerful voice encryption for today's mobile workforce

Many enterprises and government agencies are faced with the increasingly complex task of managing mobile device use among employees while still maintaining security. Whether employees are using their mobile phones to discuss high-stakes business strategies or sensitive but unclassified (SBU) government operations, the risk of call and text interception is real.

To provide the high-level security needed in today's mobile workplace, Verizon Wireless and Cellcrypt have come together to create Verizon Cypher, a powerful, cost-effective voice encryption solution that can be used on commercial smartphones.

How Verizon Cypher works

Verizon Cypher provides end-to-end encryption between callers, even if the call crosses over multiple networks. Plus, encryption provides inherent security, so calls remain secure, even if intercepted.

Verizon Cypher delivers:

- The advanced functionality and cost savings of a consumer device, with the ease of management of government-compliant security.

- High-level assurance with National Institute of Standards and Technology (NIST)-certified voice security to counter cybersecurity threats.
- Software-based Voice over IP (VoIP) for leading mobile operating systems across CDMA and GSM networks.

Verizon Cypher also provides instant interoperability between government agencies or business divisions that utilize different radio systems, helping to reduce both complexity and setup costs.

The Verizon difference

Verizon Wireless operates America's largest and most reliable 4G LTE network. We build and manage networks that keep you connected when you are on the go. We provide the expertise you need to help efficiently transform your agency or enterprise, with flexible pricing and business models, a broad portfolio of devices and modules, integrated services and advanced technology.

Verizon Cypher empowers agencies and enterprises to:

- Use end-to-end encryption on commercially available smartphones.
 - Provides a cost-effective means for satisfying security and personnel preferences.
- Save time and money with a downloadable application deployable across the globe in minutes.
 - No need for hardware, special devices or Controlled Cryptographic Items (CCIs).
 - Deploy and manage across the organization without increasing tech support staff.
- Communicate easily between divisions or agencies and devices.
 - Solution is not device- or agency-specific.
 - Simplifies collaboration and the secure sharing of information.
- Stay discreet, while maintaining a high level of security.
 - No additional hardware or special devices needed.
 - Operates worldwide.
- Bring users up to speed quickly.
 - Ease of use ensures higher probability of acceptance.

Verizon Cypher features

Government-grade security

- Meets important government security certifications:
 - U.S. NIST FIPS 140-2 compliant, NIST certification in process
- Secure messaging
- Secure photographs
- Secure voice
- Secure group messaging
- Secure conferencing

Simplicity

- Downloadable app with no hardware or special equipment required
- Deployable over the air in minutes
- Runs on popular Android,[™] BlackBerry[®] and iPhone[®] smartphones
- Runs on popular Android or iOS tablets
- Intuitive user experience, no training required
- Integrates with device phone books

High performance

- High call quality with low latency
- IP-based, running on 2.5G, 3G, 4G LTE, mesh, Wi-Fi and satellite networks
- Interoperable across a variety of devices, including Windows Mobile[®], BlackBerry, Android, and iPhone smartphones and some tablets
- Industry-leading performance for secure voice communications

Choose the best network.

Verizon Cypher is one part of the equation for helping your business. A widely available, stable wireless network is the other. That's why it makes sense to choose America's largest and most reliable 4G LTE network: Verizon Wireless.

Learn more.

To learn more about the Verizon Cypher solution, please contact your Verizon Wireless business specialist.