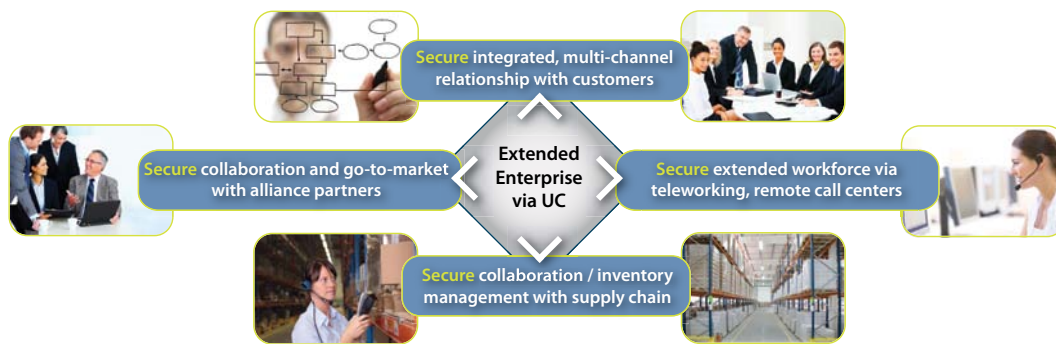


UC-Sec Appliances



Sipera UC-Sec appliances offer comprehensive VoIP and UC security that enables enterprises to simply and confidently deploy VoIP and Unified Communications over any network to any device. The comprehensive, plug-and-play security platform enables the safe termination of SIP trunks on the customer premises, with the industry's most advanced protection against toll fraud, intrusion, unauthorized access and eavesdropping.

With UC-Sec enterprises can safely deploy new UC applications:

- Softphones, wifi and dual mode
- smartphones
- Integrating e-mail, voice, video, instant messaging and presence

Enterprises are also able to simply and easily extend rich communications:

- To home workers, teleworkers, mobile workers, distributed call center staffers with remote IP phones
- To partners, the supply chain and customers with SIP trunks

Key Features

Privacy

Encryption that ensures mission-critical and protected information is kept private and confidential.

Access Control

Authentication of users, including seamless, clientless use of 2-factor authentication ensuring even greater protection of enterprise information resources.

Threat Mitigation

No need to rely on outsourced conferencing provided by a 3rd party organization allows businesses to be more responsive to conference call requirements.

Policy Enforcement

The ability to apply policies on UC traffic with no performance hit, including differentiated policies based on user, network, application, time of day and other characteristics.

Key Benefits

Privacy

- **Compliance & Business Continuity:** Conduct business from anywhere in the world while ensuring the communication remains confidential even over public networks.

Access Control

- **Flexibility:** Give enterprise users access to critical communication resources over any networks using any device without risking exposing key systems to untrusted parties.

Threat Mitigation

- **Availability:** Provide protection from attacks, based on the most advanced library of vulnerabilities built from years of primary research by Sipera's industry-leading VIPER LabTM.



- **Increased efficiency & productivity:** Quickly expand VoIP and Unified Communications with new applications such as voicemail email integration, softphones, smartphones while maintaining the same level of security.

Policy Enforcement

- **Reduce Costs:** Apply security, application, routing, recording, monitoring policies based on business needs and compliance mandates such as PCI-DSS, HIPAA, FDIC, GLBA etc.
- **Compliance:** Use cost effective SIP trunking for PSTN connectivity and perform flexible least cost routing.



Technical Specifications & Capacities

UC-Sec is a real-time, purpose-built appliance with multiprocessor, multi-core, and on-chip crypto acceleration architecture. All media processing, including encrypted media under load and attack conditions, is done deterministically in less than 50 micro seconds. UC-Sec supports 1+1 high availability deployments and clustering across multiple sites for scalability, geographic redundancy, and real-time call preserving failover. All UC-Sec appliances are centrally managed with the UC-Sec element management system (EMS).

| Specifications | UC-Sec 1U Security Appliance | UC-Sec 2U Security Appliance |
|--|--|--|
| Encryption | • Includes Encryption - Support for TLS and SRTP | |
| Users | • 100-1000 users, 50-375 simultaneous sessions | • 1000-50000 users, 375-10000 simultaneous sessions |
| Dimensions | <ul style="list-style-type: none"> • Height: 1.7" (4.32 cm) • Width: 17.1" (43.45 cm) • Depth: 15.5" (39.37 cm) • Unit Weight: ~ 15.5 lbs. (7.03kg) • Boxed Weight: ~ 32 lbs. (14.52kg) | <ul style="list-style-type: none"> • Height: 3.5" (4.27 cm) • Width: 17.0" (43.18 cm) • Depth: 17.0" (43.18 cm) • Unit Weight: ~ 24.0 lbs. (10.89kg) • Boxed Weight: ~ 36.0 lbs (16.4 kg) |
| Power Input | • 340W redundant - AC 110V – 220V auto switching | |
| Nominal Current (110V) | 1.2 A | |
| Maximum Current (110V) | 2 A | 3 A |
| AC Power (Max) | 250 Watts | 350 Watts |
| Interfaces (Ports) | | |
| Data | 6 x 1GbE | 5x 1 GbE, 1 x 100 MBE |
| USB | 2 | 2 |
| Console | 1 (DB 9 - Female) | 2 (RJ45) |
| LCD Display | No | Yes |
| Replaceable Fan | No | Yes |
| Replaceable Hard Drive | No | Yes |
| Redundant PSU | No | Yes |
| Port Bypass | No | Yes |
| Form Factor | 1U | 2U |
| Environmental | • Operating Temperature 10° to 35°C (50° to 95°F) | |
| Nominal Operating Temp | 20°C | 20°C |
| Operating Temp Range | 10°C ~ 35°C | 10°C ~ 35°C |
| Relative Humidity | 10% - 90% | 10% - 90% |
| Requirement | <ul style="list-style-type: none"> • Storage Temperature: -40° to 65°C (-40° to 149°F) • 5% to 95% (non-condensing) | <ul style="list-style-type: none"> • Storage Temperature: -40° to 80°C (-40° to 176°F) • 20% to 95% (non-condensing) |
| Certifications & Compliance | • FCC, CE, CSA, UL & RoHS | • CE/FCC, UL, RoHS |
| Security Certification | Common Criteria Certified EAL3+ | |



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