

CALL DEFENSE™ SYSTEM

Cloud & Hosted UC Deployment Options

Fully Cloud-Based Deployment Option

Announcing the delivery of SecureLogix® Call Defense™ System as a fully cloud-based solution, offering key call security and trust services to service providers and enterprises. Our secure cloud platform is designed to remove the deployment friction that comes with on-premise appliances and other virtual devices, and includes our market-leading Voice Firewall and Intrusion Prevention System (IPS) application services to secure inbound and outbound call traffic.

Ideal for Service Providers and Enterprises

The Call Defense System's cloud platform is the perfect solution for service providers and enterprises that need to move their enterprise voice services or voice applications to the cloud in a safe and secure manner. Our platform is carrier agnostic and broadly compatible with the most prevalent voice application services available today, utilizing industry standard SIP protocol (signaling only) to ensure maximum compatibility with service provider and enterprise networks and to reduce cost of integration and connectivity.

Benefits of Cloud Delivery

Call Defense delivery via the cloud provides the enterprise with needed voice security and trust services using a relatively frictionless model. Enterprises can gain the financial benefits associated with cloud delivery models, including reduced TCO through the elimination of Customer Premises Equipment (CPE), IT staff management responsibilities, and hardware/software synchronization and refresh. They can also enjoy flexibility and elasticity in over network protection as IT and Voice architectures change, with simplicity in contracting and renewals.

Increased Revenue for Service Providers

Additionally, full cloud support allows service providers to deliver call security and increase revenue associated with enterprise voice transformation and subscriber migration to cloud voice architectures. They can also compete effectively for and retain existing revenue streams in the provision of toll-free and DID services as enterprises consider trunk services available from third-party voice application providers such as MS Teams, Amazon Connect, and Webex Calling. Our cloud platform provides simplicity in contracting and pricing.

Cloud Capabilities and Key Use Cases

Call Defense is delivered over the cloud via the SecureLogix® Orchestra One™ platform, while retaining the same key call security application capabilities available when deployed over the traditional SecureLogix CPE platforms (The ETM® System and PolicyGuru® Controller). These cloud capabilities address all of the key use cases needed to support the SecureLogix Call Secure™ Managed Service, which is the Call Defense™ System delivered as a fully managed service. One advantage of this solution is that it bundles the traditional Call Defense security use cases with the existing security and authentication features of Orchestra One, providing full call trust and security protections against:

- Inbound spoofing, fraud, & impersonation scams
- Malicious & restricted calls
- Call pumping & toll service fraud schemes
- Inbound robocalls & voice spam
- Telephony Denial of Service (TDoS) attacks
- Other threats

Services and Deliverables

The services and deliverables from the Call Secure Managed Service over the cloud are the same as those provided for other CPE implementations of the Call Defense / Call Secure solutions, including monthly reports, ad-hoc reports, alerts on attacks and suspicious calls and patterns, red list management, customer-specific black / white list management, and policy configuration and execution.

Service Provider Integration

Our cloud platform also supports integration with other SBC vendors to provide access to SIP and full call control. This capability can be provided through our technology alliances with leading session border controller vendors and their Session Border Controller (SBC) as a Service (SBCaaS) offerings. SecureLogix Call Defense over cloud solution is enabled by RESTful API requests / queries to the SecureLogix Orchestra One platform.

Partnership with AudioCodes

With SecureLogix Call Defense System over cloud, the enterprise and service providers can benefit from the SecureLogix security and authentication features, while also leveraging the proven, highly available, redundant, 24x7, monitored SBC capabilities of AudioCodes. This approach eliminates the need for SecureLogix to be involved in the SIP "plumbing." The same configuration can be used for other locations in the service provider networks, such as Hosted Unified Communications and trunk aggregation offerings from service providers such as Verizon and AT&T.

Call Defense System over Cloud: Benefits

- a comprehensive call security and trust solution supported by a full cloud platform
- carrier agnostic and broadly compatible
- simply priced
- flexibility and elasticity in over network protection
- financial benefits of cloud delivery models

Call Secure - Cloud Deployment

