Partner Story

CG One Contained Attacks with Microsegmentation

Cybersecurity provider strengthened customers' Zero Trust security and contained attacks using Akamai Guardicore Segmentation

Enabled 7x faster recovery

Reduced lateral attack movement

Accelerated Zero Trust adoption

Securing complex digital environments across Brazil

CG One enables organizations across Brazil to protect their digital environments from cyberthreats. It supports more than 500 companies with services for infrastructure security, identity protection, application security, and managed security.

As threats grow more complex, CG One helps customers adopt **Zero Trust** security. To strengthen this approach, CG One partnered with Akamai and uses **Akamai Guardicore Segmentation** so customers can see, control, and isolate traffic inside their environments. This empowers them to respond faster to threats, stop attacks from spreading, and reduce risk in an AI-accelerated threat landscape.

Security starts with visibility and control

According to Fernando Bittencourt, Director at CG One, today's security teams must constantly verify identities, device behavior, and application traffic. For that reason, CG One's approach to security starts with visibility. "You can't secure what you don't understand inside your network," Bittencourt said.

This visibility is essential since modern IT environments are more connected than ever. "APIs, automation, and cloud services create more ways for attackers to enter networks," he continued.

Attackers use automation and AI to move through networks faster than security teams can respond. Traditional security tools alone can't stop them.

As Bittencourt underscored, "Intelligent segmentation is needed for more than compliance. It's now critical to keeping businesses running."

Enabling fast implementation of stronger protection with Akamai

CG One uses Akamai Guardicore Segmentation to enable that **segmentation**. The partnership combines Akamai's world-class technology with CG One's deep expertise in agile delivery and implementation.

CG//One

Location
São Paulo, Brazil
cg-one.com

Industry
Software and SaaS

Solution
Security

Product
Akamai Guardicore Segmentation

Akamai Security

"Akamai provides the microsegmentation platform, and we bring the expertise to implement it effectively. Together, we deliver stronger security for customers," said Bittencourt.

Key capabilities of Akamai Guardicore Segmentation include:

- **Shows network traffic:** Provides detailed visibility into traffic flows and application behavior in real time. This helps teams design segmentation policies based on real behavior, not assumptions.
- **Limits attack spread:** Enables microsegmentation to control traffic between applications, users, and systems, and limits lateral movement after a breach.
- **Tests and enforces policies:** Allows security teams to simulate the impact of policies before going live. Blocks unauthorized communication by default and uses AI to generate least-privilege policy recommendations.
- **Works across many environments:** Supports agent-based controls for virtual machines and servers, as well as agentless options for IoT and OT (operational technology) environments.

From flat networks to segmented environments

Many organizations think microsegmentation takes years to deploy. That often happens because they start without a clear view of how systems connect and communicate.

CG One helps customers go quickly from a "flat" vulnerable network to a fully segmented one. Using Akamai Guardicore Segmentation's dependency mapping, CG One can see real-time traffic patterns and build policies based on actual behavior.

"This data-driven approach removes guesswork and significantly cuts setup time. That means we can achieve a fully segmented network in significantly less time, all without disrupting business operations," Bittencourt said.

Faster response when attacks happen

When an attack occurs, Akamai Guardicore Segmentation helps isolate affected systems quickly. This limits damage and reduces downtime.

"When a system is compromised, the combination of CG One's strategic deployment and Akamai Guardicore Segmentation's granular policy enforcement prevents an attacker from reaching the rest of the network," explained Bittencourt.

Bittencourt shared a real-world example. A customer in the education sector suffered a ransomware attack that locked up systems and encrypted data. Facing major financial and reputational risks, it turned to CG One.

CG One responded quickly using Akamai Guardicore Segmentation to isolate infected systems and stop the malware from spreading. "Akamai Guardicore Segmentation gave us the control we needed to quickly contain the attack and stop lateral movement," said Bittencourt.

The customer recovered in three days, significantly faster than typical ransomware recovery timelines. "Thanks to a well-orchestrated response backed by Akamai Guardicore Segmentation, our client recovered about seven times faster than the typical 21 days for this type of attack. Segmentation turned what could have been a company-wide crisis into a contained, manageable incident," he continued.



Akamai Guardicore Segmentation helps us contain attacks fast, before threats spread.

Fernando Bittencourt
Director, CG One

Expanding Zero Trust across Brazil

As attacks become more automated and fast-moving, segmentation has become a key part of how CG One helps organizations defend against modern threats. Bittencourt believes this approach will only become more important — and Akamai's technology and CG One's expertise make it possible.

"Akamai provides superior visibility and granular control, while we provide the local expertise to tailor the technology to each customer's environment. That enables us to deliver Zero Trust at scale and ensure effective protection from day one," Bittencourt concluded.

CG One is the evolution of the Compugraf brand. With over 40 years of expertise in the technology market, it specializes in delivering cybersecurity that works, providing comprehensive protection for corporate digital ecosystems. It develops and manages strategic solutions in AI Security, Infrastructure Security, Identity & User Security, AppSec & DevOps, and Managed Security Services (MSS). CG One's highly qualified and certified team has ensured secure operations for more than 500 companies of various sizes and sectors across Brazil.

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