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Easy NAC | CGX ACCESS

Simple ♦ Strong Security ♦ Cost Effective

Easy NAC is an agentless Network Access Control solution that is simple to deploy, easy to manage, and cost effective. The CGX Access appliance uses ARP enforcement to provide a true plug-and-protect solution. Network changes, infrastructure changes, and spanning ports are not required.

www.easynac.com

Easy NAC

Visibility / Device Profiling

CGX Access lets you see devices that join your network, without the use of agents. Visibility is immediate, with untrusted devices being immediately restricted, as desired. Devices will be both passively and actively profiled to determine operating system, manufacturer, and type of device.

Posture Enforcement

CGX Access integrates with enterprise AV / XDR vendors and leading endpoint management solutions, to verify endpoint security is active and up-to-date. Devices out-of-compliance can be restricted at the point of network access. No agents required. For more advanced compliance requirements, agents can be used.

Simple to Deploy

CGX Access is a plug and protect appliance. The agent-less design deploys quickly and provides immediate benefits. Devices can be allowed access with simple ON \ OFF controls or policies can be set for automated access.

LAN / VPN Protection

CGX Access uses ARP enforcement, DNS and HTTP redirection to immediately detect and prevent unknown devices from joining the LAN. ARP enforcement is an out-of-band enforcement method. It works with any network infrastructure, both managed and unmanaged switches, with no network changes required. For VPN protection, it can be configured as in-band to allow only authorized and compliant devices.

Anti-Spoofing Protection

CGX Access provides a fingerprint feature to protect against MAC address spoofing. All devices on the network are profiled for their MAC address, IP, Operating System, and Hostname. This information can then be used to set a unique fingerprint for each device.

Automated Allow-List

CGX Access will regularly check with your Active Directory server to verify which devices are domain-joined. Devices that are confirmed as trusted can automatically be granted full access to the network. Device profiling can also be used to automate the process of approving IoT devices.

Automated Threats Response

CGX Access can receive event-based syslog messages or email messages from all types of security appliances and take immediate action when necessary. If CGX Access receives an alert that a device has malware, we can restrict it immediately. In addition, CGX Access provides Malware Lateral Spread Protection that prevents Worms or Malware spreading on the LAN.

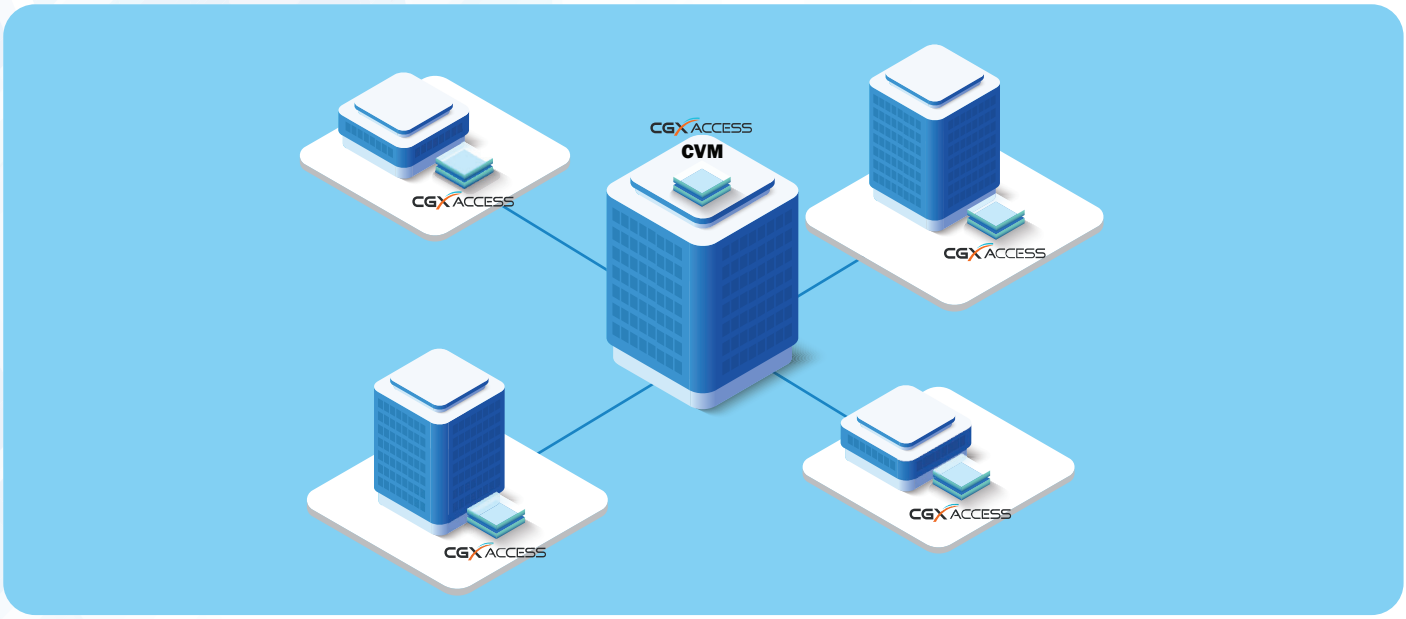
Deception - Hacking Detection

Harness the power of deception with a no-maintenance, distributed honeypot strategically located in every subnet. This feature ensures real-time identification of hacking attempts and malicious connections, with near-zero false positives.

BYOD and Guest Registration with Role-based Access Control

CGX Access provides a self-registration portal to automate the BYOD (Bring Your Own Device) registration process. Policies can be set by groups to limit the number and type of BYOD devices. Sponsors can pre-register or approve guests who have self-registered via the captive portal. It improves security by enforcing least privilege access. Guests can be limited to internet-only access, while BYOD and consultant devices can be restricted to approved resources.

Central Visibility Manager (CVM)



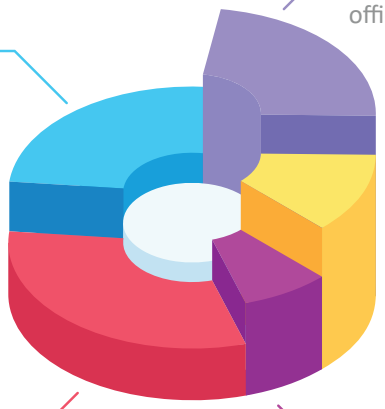
The Central Visibility Manager (CVM) provides consolidated reporting and simplifies the management of multiple CGX Access appliances. Key features of CVM include:

Transparent Device Roaming

CVM allows for trusted devices to roam between offices with a seamless end-user experience.

Deployment Manager

The Deployment manager make it easy to selectively synchronize settings between appliances. Preferred settings can be quickly uploaded to multiple appliance(s) on-demand.



Centralized Management and Reporting

CVM also automates appliance backups and simplifies firmware \ update management.

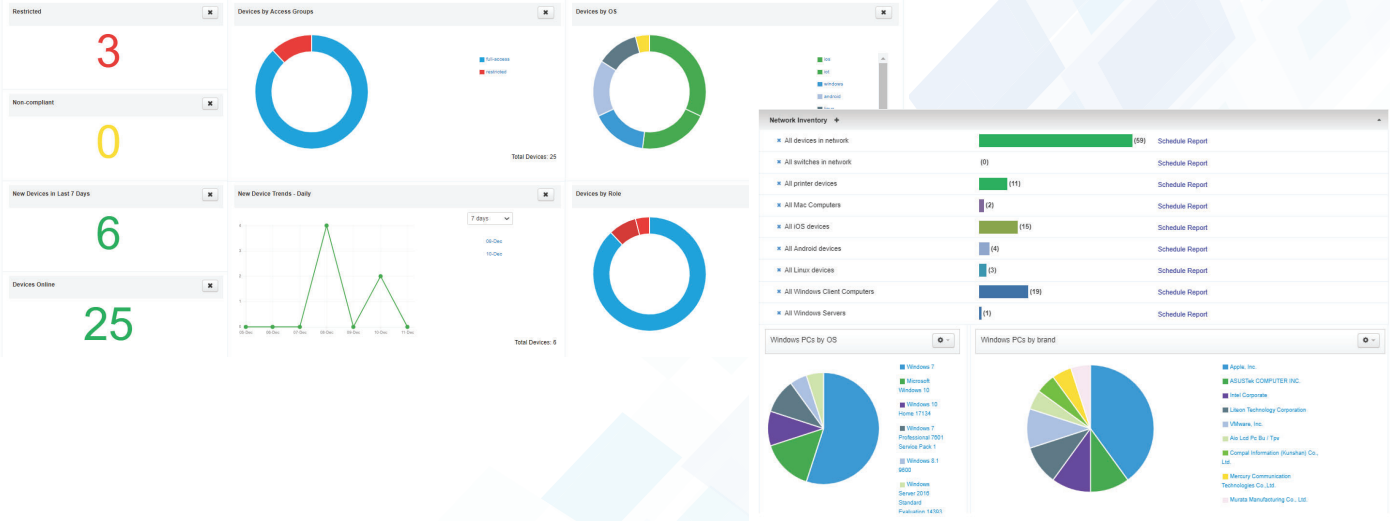
Reports from multiple appliances are consolidated and can be viewed as a whole or by regions.

Distributed License Management

CVM supports a flexible licensing model, where a single bulk license can be divided and shared between the different appliances. The customer can easily reallocate the licenses on-demand to match business requirements.

Administrative Privilege Management

With CVM, administrative privileges can be managed so regional IT staff only have administrative access to the appliances and functionality relevant to their roles.



System Specification

	Physical Appliance					Virtual Appliance
	Access Mini CGXA-S10	Access Mini-1U CGXA-S100	Access Mini-1U CGXA-S200	Access 1U CGXA-S500	Access 1U CGXA-S600	Access VM ENAC-VM
Network Interfaces**	4 x 1GbE	6 x 1GbE 2 x 10G SFP+	6 x 1GbE 2 x 10G SFP+	4 x 1GbE, 2 x 10GbE 2 x 10G SFP+	8 x 1GbE, 2 x 10G SFP+	10 x virtual NICs
Maximum Devices*	300	2,500	5,000	10,000	10,000	10,000
Maximum Subnets*	10	100	100	200	200	200
VLAN Trunking	Yes	Yes	Yes	Yes	Yes	Yes
ARP Enforcement (Out of Band)	Yes	Yes	Yes	Yes	Yes	Yes
Inline Enforcement (VPN)	-	Yes	Yes	Yes	Yes (2 Pairs of By-pass NIC)	Yes
High Availiability Support*	Yes	Yes	Yes	Yes	Yes	Yes

Hardware Appliance Specification

	CGXA-S10	CGXA-S100 / S200	CGXA-S500	CGXA-S600
				
Form Factor / Height x Width x Depth	Mini-ITX 44.5mm x 195mm x 195mm	Mini-1U – Rack Mountable 43mm x 254mm x 226mm	1U – Rack Mountable 43mm x 437mm x 249mm	1U – Rack Mountable 44mm x 430mm x 450mm
Input Votage	+12V DC - Power Adapter	+12V DC - Power Adapter	100 - 240V AC ,50-60Hz	100 - 240V AC ,50-60Hz
Power Configuration	ACPI Power Management Power-on mode for recovery from AC power loss	ACPI Power Management Power-on mode for recovery from AC power loss	200W Low Noise AC-DC power supply with PFC 80 Plus Gold Certified	300W Low Noise AC-DC power supply
Temperature	Operating Temperature: 0°C to 40°C (32°F to 104°F) Non-Operating Temperature: -40°C to 70°C (-40°F to 158°F)			Operating Temperature: 0°C to 45°C (32°F to 113°F) Non-Operating Temperature: -20°C to 70°C (-4°F to 158°F)
Electromagnetic Emission / RoHS	FCC Class B, EN 55022 Class B, EN 61000-3-2/3-3, CISPR 22 Class B. / RoHS Compliant	FCC Class A, EN 55022 Class A, EN 61000-3-2/-3-3, CISPR 22 Class A. / RoHS Compliant	FCC Class A, EN 55032 Class A, EN 61000-3-2/3-3, CISPR 32 Class A. / RoHS Compliant	FCC Class A, EN 55032 Class A, EN 61000-3-2/3-3 RoHS Compliant
Electromagnetic Immunity	EN 55024/CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11)	EN 55024/CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11)	EN 55024/CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11), CNS14336-1, CNS13438, GB4943.1-2011, GB9254-2008(Class A) and GB17625.1-2012	EN 55024/CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11), EN 62368-1:2014+A11:2017
Safety	CSA/EN/IEC/UL 60950-1 Compliant, UL or CSA Listed (USA and Canada), CE Marking (Europe)			CE Class A, SI 2016/1091,SI 2019/492, SI 2016/1101

Virtual Appliances Requirements

	Virtual Appliances Requirements *
Supported Hypervisor	VMware ESX, Microsoft Hyper-V**, Nutanix AHV
Minimum Specs: 100+ devices	Dual Core CPU, 4 GB RAM
Minimum Specs: 500+ devices	Quad Core CPU, 8 GB RAM
Minimum Specs: 1000+ devices	Quad Core CPU, 16 GB RAM
Minimum Specs: 5000+ devices	Octa Core CPU, 32 GB RAM
Virtual Storage Capacity	20GB - 512GB

* Capacity is approximate and depends on network topology, endpoints, number of VLANs protected and features enabled. For example, the S500 can protect 10,000 devices with 100 VLANs or 5,000 devices when 200 VLANs are configured.
High Availiability support requires same hardware or same hypervisor, a mininum or 8GB of RAM is recommended.

** CGX Access Image (HyperV) provides only 8 virtual network adapters

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