Datasheet

Next Generation (NG) Network Access Control (NAC) Appliances:

NANO 25, NANO 100, Branch Pro, Enterprise 10, Enterprise 100, and Enterprise 250

The NetClarity NACwall Next Gen Appliances deliver the ABC's of Network Security for Intrusion Defense and Regulatory Compliance – Alerting, Blocking and Correcting internal security threats, vulnerabilities and network access without being inline, without any agents, without any forklift upgrades. NACwalls combine agent-less fingerprinting and Active Directory authentication with control, detection, quarantine and blocking of untrusted assets and unmaneagable network equipment such as BlackBerry, iPhone, VoIP phones, Wireless Routers, Barcode Scanners and other devices. NACwalls do this with dynamic agent-less VLAN provisioning using secure 802.1q.   *The Next Generation of NAC has Arrived!*

The NACwall NG Appliances Family: Scalable to fit within any budget and network topology – no forklift upgrades. Keep what you have.

Next Generation(NG) NAC....It's more than another NAC solution, it's a NAC revolution. Get NG NAC Now! At 1/4th the price of earlier generation (1G) NAC solutions with deployment speeds up to 100x faster than 1G. Introducing NACwall NG - providing real-time internal network access control (NAC) and intrusion defense without clients, without software agents. Available now, worldwide, from trusted NetClarity channel partners.


Key Features:

"We've been watching NetClarity for some time. In our view, this company is among the most innovative we've seen."

SC Magazine

- Automatic Network Fingerprinting
- Patented Alerting and Quarantining System
- Dynamic Detection of Rogue Devices
- Agent-less Active Directory (AD) Integration
- Agent-less Zero-day Malware Detection
- Agent-less Vulnerability (CVE) Detection
- Regulatory Compliance Audits: VISA/PCI, GLBA, HIPAA, NERC/FERC, etc.
- Improved Asset Manufacturer Recognition
- VLAN Restriction using 802.1q not 802.1x
- Enterprise Command Center to make management of distributed environments point-and-click simple and cost-effective
- Agent-less RSA enVision® Integration
- Non-inline, Out-of-band Technology
- Daily Cloud-based Updates Service for new threats, vulnerabilities (CVEs) and assets
- Confidential, Customer Controlled

ASV Certified by the PCI Security Standards Council
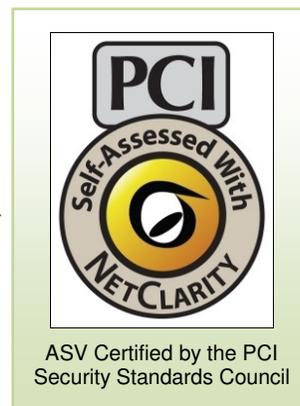
NACwall NG: Providing Intrusion Defense for Network Security, Availability, Employee Productivity and Regulatory Compliance

NACwall NG appliances are customer controlled and confidential. They avoid using agents. Instead, as non-inline, agent-less appliances, they use military grade network security and the 4D security model for NAC, invented and patented by NetClarity to:

Detect who is attempting to connect to your network. Untrusted access and unauthorized or 'rogue' devices such as Blackberry, iPhone, Wireless Routers are no longer a problem.

Deter cyber-criminals from gaining insider access to your most crucial network assets and resources. Keep mission critical assets online and know immediately when there is a problem.

Defend your organization from unexpected threats, untrusted network access, known vulnerabilities and their exploits. Do this while you are at work and even while you are sleeping. It's completely automatic and easy, using our patented EasyNAC® technology.

Defeat 'rogue' access, malicious insiders and new malware.
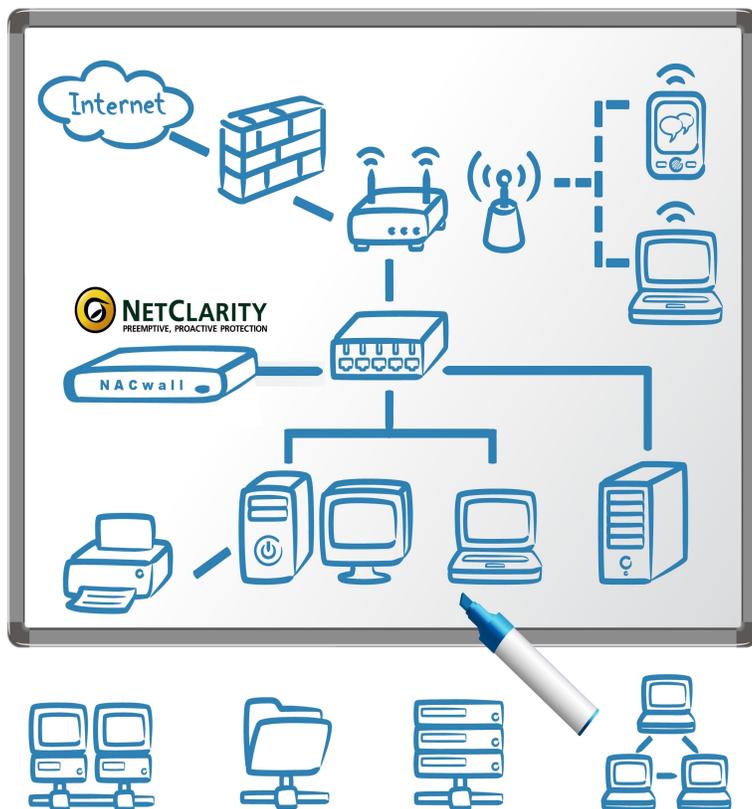
Worried about Regulatory Compliance?

Audit yourself with NACwall's built-in CVE® certified vulnerability scanning and management system.

Report using over a dozen different reports including Differential and Trend Analysis reports for Auditors and Executives showing your progress at system hardening remediation.

Comply with GLBA, HIPAA, Visa PCI, NER/FERC and many other U.S. and international regulations. Use the built-in ISO27002/27001/17799 self-assessment policy tools to outperform any compliance requirements.

Who is on my network?

- Are those I trust vulnerable or infected?
- Can I keep those I don't trust off my network, even while I'm sleeping?
- Can I prove (through reports) that I've taken appropriate steps for Due Care and Duel Diligence for Regulatory Compliance?

We call this the "ABC's" of Network Security – Alert, Block and Correct.

You need to know the ABC's behind your firewall, now more than ever:

According to the MITRE Corporation, the National Vulnerability Database (NVD) at the National Institute of Standards and Technology (NIST), the FBI and USCERT, *over 95% of security breaches are a direct result of an exploit against a Common Vulnerability and Exposure (CVE®).*

In addition, *more than 80% of these security breaches happen behind the firewall and on systems running the latest anti-virus software.*

Take a look at **PrivacyRights.org** and see for yourself – data breaches are accelerating at an incredible pace, yet billions of dollars have been spent on Firewalls, Intrusion Detection Systems (IDS), Intrusion Prevention Systems (IPS) and Anti-virus Software (AVS).

Alert | Block | Correct

NACwalls not only solve the most important network security and compliance risk formula (where risk = threats x vulnerabilities x assets), they also answer these crucial security and compliance questions by proactively guarding your network, from the inside-out, behind the firewall – the ABC's of Network Security.

NACwall NG – Protecting Your Network Behind Your Firewall.
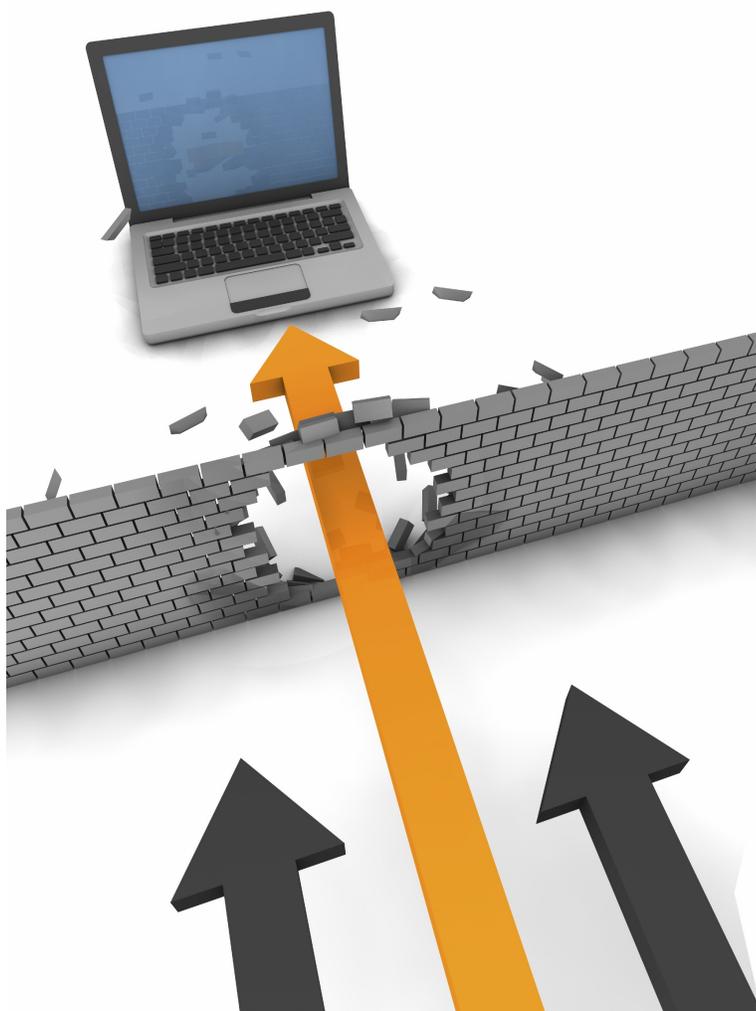
NACwall NG: With Built-in EasyNAC® Technology, it couldn't be any easier to deploy. Plug-and-play appliances that are always up to date.

NACwall appliances can be setup in a matter of minutes, hours or even a few days in some of the largest, most complex deployments. It doesn't take weeks or months to configure one or more NACwalls, deployed across multiple subnets, VLANs or geographies. *All NACwalls can be managed from a single Command Center* which ships for *free* in all Enterprise appliances. Find and control Active Directory users, agentlessly.

Keeping up to date is also easy. EasyNAC® cloud updates services includes new threats, vulnerabilities and asset signatures so you can fingerprint any device that shows up on your network and know if it is vulnerable or has already been exploited and is attempting to propagate malware. This patented technology requires NO software clients or agents. None, whatsoever.

Basic Operation: Automatic Asset Discovery, Endpoint Assessment and Control

Network Access Control   Found 27 hosts ...

IP Address	Host Name	Operating System	MAC Address
192.168.254.1	corpfw.acme.corp	Linux 2.6.5 - 2.6.11	00:1A:8C:16:28:B8 (Astaro AG)
192.168.254.28	pgrtcontroller.acme.corp	Microsoft Windows	00:D0:B7:53:4F:30 (Intel)
192.168.254.77	b5250y.acme.corp	Linux 2.4.0 - 2.5.20	

Add to Trusted Assets List   Remo

▼ IP Address	Trusted	Host Name	VLAN	Opera
■Subnet 128.1				
☐ 128.1.200.10	Y	MALWARELAB	GUEST	Micros
☐ 128.1.200.16	Y	128.1.200.16	GUEST	Linux 2
☐ 128.1.200.189	Y	128.1.200.189	GUEST	Linux 2
☐ 128.1.200.235	Y	VLAN Tag 33	GUEST	Operati

Assets Currently Blocked

IP Address	MAC Address	
192.168.254.195	00:13:72:92:86:E1	Unblo

System Information

* IP Address	192.168.254.99
# MAC Address	00:10:B5:8B:B9:47 Detect MAC
# Host Name	CFO.AcmeBank
# Operating System	Microsoft Windows 7
# Manufacturer	Dell Corporation
Value	1776 American Dollar ▼
System Name	Chief Financial Officer
System Type	Laptop ▼
Serial Number	DELL-XPS-10252-GSM-2011
Location	Dawn's Office
Data Outlet Num	23
Asset Notes	Purchased 1 year ago
Target VLAN	Select VLAN ▼
Allow Multiple IP Addresses	Select VLAN
Add system to	Broadcast-rsvp
	CONTRACTOR
	DB lists
	Default Switch safe lists
	EXECUTIVE
	GUEST
	HUMAN_RESOURCE
	MDoffice
Refresh VLAN List	QUARANTINE ▼
	Servers
	WiFi

* Required field
# Data detected by Asset Discovery

Regulations and Security Programs

U.S. Regulations

☐ E-Sign   ☐ Sarbanes-Oxley   ☐ DoD Compliance
☐ FDA - CFR 21 part 11   ☐ ISO 27001/17799   ☐ HIPAA

International Regulations

☐ Brazil   ☐ Canada (CA198)   ☐ Colombia (ESNP)
☐ Poland   ☐ Thailand   ☐ United Kingdom (BS7799)

Security Programs

☐ Visa Card   ☐ American Express   ☐ MasterCard

NACwall NG: With Built-in Command Center on Enterprise Units – securely control networks around the globe with a few mouse clicks.

NACwall NG Enterprise appliances ship with a secure, easy-to-use free Command Center so you can keep track of and manage risks, threats, vulnerabilities and network assets all around the globe using TLS/SSL tunnels for secure communications between locations. Command Center features alone, from most competition, will cost you as much as your total NACwall deployment and are more complex/require weeks of configuration and training. Anyone who can point and click their mouse can use the NACwall Command Center. It's that easy.

The NACwall NG Appliances Family: Scalable to fit within any budget and network topology – no forklift upgrades. Keep what you have.

NACwall appliances are designed to *save you money* – why buy 80 appliances to manage 80 VLANs when our NACwall Enterprise Unlimited can do it all – *in one box!* You don't have to make any network infrastructure changes – these appliances will protect everything from your wireless infrastructure to your voice over ip (VoIP) networks.

	NANO 25 and 100	Branch Pro	Enterprise 10	Enterprise 100	Enterprise 250
Form Factor	Mini-ITX wall mount	1u rackmount	1u rackmount	1u rackmount	1u rackmount
Setup Time	15 minutes or less	30 minutes	under an hour	1-4 hours	4-8 hours
Agent-less Active Directory (AD) Support	YES	YES	YES	YES	YES
Agent-less NAC	YES	YES	YES	YES	YES
Agent-less CVE® Audits	YES	YES	YES	YES	YES
Agent-less Malware Blocking	YES	YES	YES	YES	YES
Auto Device Discovery	YES	YES	YES	YES	YES
Inventory Alerting	YES	YES	YES	YES	YES
MAC Spoof Detection	YES	YES	YES	YES	YES
MAC & IP Spoof Block	YES	YES	YES	YES	YES
Multiple User Logins	YES	YES	YES	YES	YES
Workflow Engine	YES	YES	YES	YES	YES
ISO 27001 Policy Tools	NO	NO	YES	YES	YES
Compliance Reports	YES	YES	YES	YES	YES
Command Center	NO	NO	YES	YES	YES
Controllable Units	N/A	N/A	up to 10 remote	up to 100 remote	Up to 250 remote
Manageable	YES	YES	YES	YES	YES
*Protected Nodes	25 or 100	500	1000	1500	2000
802.1q Tagged VLANs	10 VLANs	20 VLANs	40 VLANs	60 VLANs	80 VLANs
Storage for Logs	150 GB	250 GB	500 GB	500 GB	1000 GB (1 TB)
Ethernet Ports	2	2	4	6	8

Benefits

- ✓ Improved Network Security
- ✓ Automates Compliance Reporting
- ✓ Keeps The Auditors Off Your Back
- ✓ Stops New Threats, Instantly
- ✓ Alerts You Only When There Are Problems
- ✓ Keeps You Up to Date Automatically
- ✓ Finds Holes and Helps You Fix Them
- ✓ No Forklift Upgrades Necessary
- ✓ Don't Change Your Network Infrastructure

Cuts Your NAC Budget By Over 75%

CustomerTestimonials

*"We were **so impressed with the NACwall NG appliances that we chose them over all the well known first generation (1G) NAC vendors**."   CIO, Oil Company*

*"The NACwall NG appliances have **freed me from the headaches caused by student hackers on our school network**. Finally – a NAC solution with the features I needed **at a price I can afford.**" – IT Director, Higher Education*

*"We defend our Banking network with NACwall NG appliances against 'surprise' visitors attempting to find an open network jack and gain access to our DHCP server. **We also saved over $80,000 USD on our annual IT audits** by using the built-in vulnerability management and reporting features, which helps us comply with FDIC's GLBA requirements."   CIO, Public Bank*

*"Our **wireless networks and barcode scanners are now secure** and we now **comply with PCI**, thanks to NetClarity."   CIO, Major Retailer*

*"**We broke all the other NAC solutions** by using p2p attacks on hubs, MAC spoofing and 802.1x hacking, **except NetClarity's NACwall NG.**" CIO, Military Contractor*

Hardware Specifications

The NACwall NANO units are small, portable, low-heat, low-power, wall mountable, while the Branch and Enterprise Appliances are 1U Rack-able hardware, all running the EasyNAC® software technology on hardened Linux operating systems. These devices comply with US FCC part 15, Canadian ICES-003 (NMB-003 du Canada), CE and VCCI Class A and is ROHS certified.

AC input voltage: 100 - 240 VAC (auto-range)   Hz: 50/60   Rated input current: 4A Max

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Model Name:                Part Number:
NACwall NANO 25            NC-NW-NAN-025-NG-2011
NACwall NANO 100           NC-NW-NAN-100-NG-2011
NACwall Branch Pro         NC-NW-NBR-PRO-NG-2011
NACwall Enterprise 10      NC-NW-ENT-010-NG-2011
NACwall Enterprise 100     NC-NW-ENT-100-NG-2011
NACwall Enterprise 250     NC-NW-ENT-250-NG-2011
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Software Updates

All NG NACwall appliances are sold with a bundled firmware updates and EasyNAC® cloud-based risk, threat, vulnerability and asset signatures updates, which is prepaid annually.

Warranty

NetClarity provides a standard one-year warranty on all NACwall NG hardware appliances.

For More Information

To learn more about NetClarity NACwall Appliances, please visit your local, trusted, certified NACwall reseller or distribution partner, or visit us online at http://www.netclarity.net.

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*"NetClarity is Changing
The Game for SMB Security"*

– Golden Bridge Award, 2011

*"The NACwall NG Appliance
family may very well be the
most innovative NAC solution in
the world, this year."*

- InfoSec Products Guide, 2011

Made in the United States of America.

The Only Next Generation (NG) NAC Solution in the World.