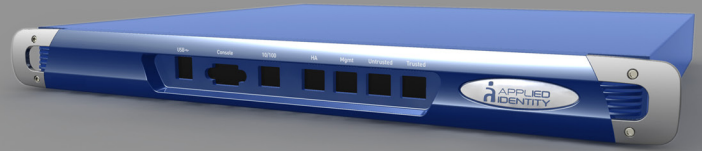


# Identisphere ID-Enforce



## Solutions

- Critical Asset Protection**  
 Cost-effectively meet your compliance-related requirements to protect sensitive data and legacy applications, with no application reengineering required.
- Guest Network Access**  
 Manage the business risks of providing non-employees with access to your network quickly, using your existing network infrastructure.
- Extended Enterprise Networking**  
 Improve business efficiencies by safely extending your enterprise network to remote sites, foreign offices or semi-public locations.
- Network Usage Reporting**  
 Reduce the administrative costs of performing network audits to prove policy compliance with automated network usage reports.

## Benefits

- Saves time**  
 Deploys rapidly into your existing infrastructure
- Saves money**  
 Reduces administrative overhead and eases compliance burdens
- Saves your network**  
 Applies the power of identity aware networking to protect your network from the inside

## The Need for Strong Internal Security

Organizations have become more vulnerable to threats from internal as well as external sources as the use of networks for resource sharing has grown. Internal security breaches continue to be a major source of security incidents - as demonstrated in the 2008 CSI Computer Crime and Security Survey report. The report states that 44% of respondents experienced incidents attributed to insider abuse, and 29% experienced incidents attributed to unauthorized network access.

Adding additional pressure, government and industry regulatory compliance mandates such as the Payment Card Industry Data Security Standard (PCI DSS) and Sarbanes-Oxley (SOX) are helping to improve security standards by specifying access to confidential or sensitive data must be controlled and auditable. The risks of non-compliance can include significant fines, negative publicity, and loss of customer loyalty.

## Welcome to the Identity Aware Network

Leveraging the identity already embedded in the infrastructure - such as Microsoft's Active Directory - the identity aware network gives organizations the ability to bridge-the-gap between application level and network level access controls. By controlling access at the lower layers within the network - without the need for constant firewall and router rule updates - identity provides a more consistent, fine-grain policy control of resource access and enforcement.

ID-Enforce is an "identity aware" Access Gateway interfaces network enforcement with user directories to provide organizations with an effective means to manage internal risk associated with inappropriate access to critical resources.

## ID-Enforce enables the identity aware network by:

- Leveraging the existing identity stores already embedded in the network, such as Microsoft Windows Active Directory and Novell's eDirectory.
- Auditing of user identities and their associated resource activity to streamline compliance reporting and policy definition
- Acting as an abstraction layer within the network, identity replaces complex topology-based policy with fine-grain User, Group and Role-based policies
- Enforcing security at the network layer based on a user identity, not their associated IP address
- Cloaking protected resources from unauthorized users to minimize the potential attack surface of critical assets
- Flexible deployment options provide network "identity awareness" without the need to 'rip and replace' existing infrastructure

## Applied Identity Products

### Identsphere

Identsphere is a product line of identity aware network solutions that enable organizations to consolidate the creation, management and audit of user identity and access policies from single or multiple identity stores.

### Identsphere Manager

Is the central interface for the creation and management of access policies. It integrates with LDAP directories to leverage enterprise user identities, roles and access policies.

### ID-Audit

Provides a central repository of audit data on user behavior and resource usage. Enables the creation of real-time views and historical reports that can be used to create policy via a "one-click" Global, User or Exception policy implementation.

### ID-Unify

Consolidates user identities between multiple and disparate identity stores, creating a virtual mapping and normalization of user information.

### ID-Enforce

ID-Enforce is an identity aware network enforcement solution that enables enterprises to embed identity and access policy control into the network, reducing operating costs and complexity.

### ID-Mark

In environments that require an increased level of accountability and non-repudiation of events, an optional ID-Mark™ client agent can be installed on the client workstation to further enhance security.

	ID-Enforce 5000	ID-Enforce 7000	ID-Enforce 7000F	ID-Enforce 10000
<b>Platform</b>	Linux-based, security hardened, Intel Architecture appliance, with Intel® Pentium® 4 processor and onboard non-volatile memory.	Linux-based, security hardened, Intel Architecture appliance, with dual Intel® Xeon® EM64T processors and onboard non-volatile memory.	Linux-based, security hardened, Intel Architecture appliance, with dual Intel® Xeon® EM64T processors and onboard non-volatile memory.	Linux-based, security hardened, Intel Architecture appliance, with dual Intel® Xeon™ 5300 series Quad-Core Processors and onboard non-volatile memory.
<b>Network Interfaces</b>	4 x 10/100/1000 RF45 Ethernet ports	4 x 10/100/1000 RF45 Ethernet ports	4 x SFP 1Gbps Ethernet Interfaces	2 x XFP 10Gbps Ethernet Interfaces 2 x 10/100/1000 Copper 1Gbps Ethernet Interfaces
<b>Concurrent Users</b>	500	2500	2500	2500
<b>Processor System</b>	CPU Intel Pentium M / Celeron M processor Chipset Intel 915GM + ICH6M Front Side Bus 533/400 MHz	CPU Intel Xeon EM64T dual processor Chipset Intel E7520 (Lindenhurst) + 6300ESB (Hance Rapids) Front Side Bus 800 MHz	CPU Intel Xeon EM64T dual processor Chipset Intel E7520 (Lindenhurst) + 6300ESB (Hance Rapids) Front Side Bus 800 MHz	CPU Intel Xeon 5300 quad-core processors Chipset Intel 5000P (Blackford) + 6321ESB (ESB2) Front Side Bus 1333 MHz
<b>Memory</b>	Dual-channel DDR2 533/400 SODIMM 2 GB with 2 slots	Dual-channel DDR2 400 MHz ECC registered 4 GB	Dual-channel DDR2 400 MHz ECC registered 4 GB	Dual-channel DIMM 667 MHz ECC registered 8 GB
<b>Bus</b>	1 proprietary internal PCIe x4 connector, 1 32-bit/33 MHz Mini PCI slot	1 PCIe x8 connector for LAN expansion board, 2 PCI-X 64/133 slots	1 PCIe x8 connector for LAN expansion board, 2 PCI-X 64/133 slots	3 configurable PCIe x8 channels.
<b>Supported Directory Service Platforms</b>	Microsoft Active Directory 2000 / 2003, Microsoft ADAM Applied Identity ID-Unify Oracle Internet Directory Novell eDirectory SunONE Open LDAP			
<b>Secure Network Configuration</b>	Command-Line Interface, accessible via RS-232 console or SSH.			
<b>ID-Mark Client Driver (optional)</b>	Available for Windows 98, 2000, XP, Server 2000 and Server 2003. Windows driver consists of an MSI package enabling administrative manual and remote installs.			
<b>Log Interoperability</b>	WELF/CEF record format, transportable via Syslog protocol support			
<b>Dimensions (W x H x D)</b>	16.8" x 1.7" x 14.9" inches 426 x 44.4 x 380 mm	16.8" x 3.46" x 19.2" inches 426 x 88 x 380 mm	16.8" x 3.46" x 19.2" inches 426 x 88 x 380 mm	16.8" x 3.46" x 19.2" inches 426 x 88 x 380 mm
<b>Weight</b>	9.9lb / 4.5 Kg	40lb / 18 Kg	40lb / 18 Kg	40lb / 18 Kg
<b>Power Input Output</b>	Single Power Supply AC 90 – 250 V @ 47 – 63 Hz 250W	Redundant, Hot Swappable Power Supplies AC 90-240V AC Redundant 500W	Redundant, Hot Swappable Power Supplies AC 90-240V AC Redundant 500W	Redundant, Hot Swappable Power Supplies AC 90-240V AC Redundant 500W
<b>Environmental Temperature Humidity</b>	0-40°C / 32 – 104°F 5 – 85% @ 40°C/104°F			
<b>Certifications</b>	CE Approval FCC Class A UL			
<b>Deployment</b>	Bridged or Routed			
<b>High Availability</b>	Active/Passive Fail-to-wire	Active/Passive Fail-to-wire	Active/Passive	Active/Passive
<b>Policy Configuration Software</b>	ID-Policy, ID-Audit			

Specifications subject to change without notice. Rev. 3/17/09.



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Arrange a FREE network audit that will tell you who is accessing what resources and when on your network.  
Call 888.286.7336 - Email: [sales@appliedidentity.com](mailto:sales@appliedidentity.com)