



aXsGUARD Identifier

A Dedicated and Easy to Maintain Authentication Solution

aXsGUARD is VASCO Data Security's product line of authentication and Internet security appliances. Based on IDENTIKEY, aXsGUARD Identifier offers strong user authentication for local and remote access to the corporate network or to web-based business applications. aXsGUARD Identifier is suited for enterprises which want a dedicated appliance for their authentication needs, without the hassle of installing and maintaining a software installation.

aXsGUARD® Identifier offers the full functionality of IDENTIKEY® in an integrated, easy to maintain 19" rack mountable appliance. The Identifier allows easy installation, configuration, administration and maintenance of the IDENTIKEY solution. In combination with any DIGIPASS® authenticator, it replaces the users' static passwords with one-time passwords to access the LAN, web based business applications or give remote access to the company's employees.

The solution has been designed for corporations which want to avoid sharing server resources for too many business critical applications. As a result they opt for a dedicated appliance to manage authentication requests without impacting the existing IT-infrastructure.

Multiple hardware versions are available for the smallest SME to the largest multi-national depending on the number of users. Each appliance allows replication towards any other appliance, ensuring the highest availability and adjusted performance at each remote site.

The **AG3442** is meant for smaller business or small remote sites. It is a silent, low power consuming 1U 19" rack server, which still has all the features and functionality of IDENTIKEY and Identifier.

The **AG5502** is a standard 1U 19" rack server, suited as main appliances for all business environments. It can authenticate up to 10.000 users. It is the ideal appliance to do VPN, web and Windows logon in large enterprises.

The **AG7552** is a complete redundant 2U, 19" rack server. With its dual core processor, 12 GB of RAM and 1TB hard disks in RAID 1, it is the ideal server for business critical applications or as the reporting and failover system for medium to large enterprises.

Every appliance needs additional IDENTIKEY licenses and DIGIPASS authenticators. To simplify ordering, predefined bundles are created: a STANDARD version with 1 aXsGUARD Identifier AG3442, IDENTIKEY STANDARD licenses and DIGIPASS G06, and a fully redundant GOLD version, including 2 aXsGUARD Identifiers AG3442, IDENTIKEY GOLD licenses and DIGIPASS G06.

The performance of the appliances are based on the number of users, and the applications the customer wishes to run on the appliance. The applications and its features are defined by the IDENTIKEY licenses purchased with the appliance. Check the table for the recommended performance of each application. A calculator exists for combined usage.

BENEFITS

Easy to install and manage

- An intuitive web based user interface with wizards helps administrators to setup aXsGUARD Identifier in 10 minutes.
- Automatic updates with a complete fail safe mechanism make updates hassle free. Depending on the maintenance contract VASCO® also offers remote support on the appliance itself.
- Dedicated task assignment allows administrators to delegate tasks like user or DIGIPASS management or reporting without endangering the appliance runtime environment.
- Self registration allows end-users to activate their DIGIPASS themselves on a secure website.
- Difficult configuration tasks like setting up replication between multiple aXsGUARD Identifiers can be done with a few simple clicks.
- All administration functions are conveniently accessible through a web-based user interface, allowing remote or outsourced administration, offering new opportunities for managed services providers.

Centralized user management

- Thanks to LDAP synchronization, the user management only happens in the main LDAP database (Microsoft Active Directory, Novell e-Directory, or any other LDAP) the company is using. This enhances security and minimizes the administrative tasks of user management.
- Adjustable filters allow specifying which (groups of) users need to be synchronized towards the aXsGUARD Identifier.
- It is possible to synchronize multiple LDAP domains with only one aXsGUARD Identifier.

Extensive reporting and auditing functions

- The audit console monitors incoming and outgoing RADIUS and web authentication requests. An extensive search mechanism, displaying auditing lines on the fly, helps administrators to quickly solve possible authentication issues.
- Functionality information statistics provide critical details allowing administrators to easily manage the remote access environment.
- Standard or customized reports in XML format.
- Extensive log searching and the possibility to export the log search to an external syslog server.

Other functionality

- Scalability: A flexible license system allows easy expansion of users and DIGIPASS
- Optional lifetime hardware maintenance ensures your appliance (hardware and software) is never out of date.
- Multiple aXsGUARD Identifiers can be cascaded through replication resulting in multiple aXsGUARD Identifiers in branch offices for authentication, and a central aXsGUARD Identifier for reporting, all equipped with failover.



SPECIFICATIONS	AG3442	AG5502	AG7552
Recommended users RADIUS/DAWL*	500/250	10.000/1.000	100.000/10.000
Software	IDENTIKEY 3.1.4	IDENTIKEY 3.1.4	IDENTIKEY 3.1.4
Operating System	Identifier Core OS 8.0	Identifier Core OS 8.0	Identifier Core OS 8.0
Chassis Form Factor	1U Rack Mount	1U Rack Mount	2U Rack Mount
Processor Type	Intel® Atom™ 330 Dual-Core 1.6GHz (FSB 533 MHz)	Intel® Core™2 Duo E8400 3GHz 1333MHz 6MB LGA775	Intel® Xeon Proc. E5520/2.26GHz/5.86GTs 8MB
Memory	1GB 667MHz DDR2 ECC CL5 DIMM	4GB 800MHz DDR2 ECC CL5 DIMM	12GB 1066Mhz DDR3 ECC
Disk n/siz	1 x HDD/WD REII/320GB SATA 7200rpm 16MB	1 x HDD/WD REII/500GB SATA 7200rpm 16MB	2x WD HD RE3/1TB SATA II 7200rpm 32MB
RAID format	nap	nap	RAID 1
Hot Swappable	No	No	Yes
Power Supply	AC 100~240V, 50/60 Hz, 4-2 Amp Max	AC 100~240V, 50/60 Hz, 4-2 Amp Max	AC 100~240V, 50/60 Hz, 10-4 Amp Max
Power Redundancy	200W max 80 PLUS Certified no	200W max 80 PLUS Certified no	700W max 80 PLUS Certified Hot swappable
Network Ports	2 GbE NIC Bridged ports	2 GbE NIC Bridged ports	2 GbE NIC Bridged ports
Management	Web GUI SSH consoleport	Web GUI SSH consoleport	Web GUI SSH consoleport
Dimensions (W/H/D)	437mm x 43mm x 249mm 17.2" x 1.7" x 9.8"	426mm x 43mm x 365mm 16.8" x 1.7" x 14"	437mm x 89mm x 450mm 17.2" x 3.5" x 17.7"
Weight	6,7 kg (<15lbs)	7.7 kg (<17 lbs)	17.6 kg (<38.8 lbs)
Compliance to standards	Safety UL, C-UL, CE EMC FCC, CE Environment RoHS	Safety UL, C-UL, CE EMC FCC, CE Environment RoHS	Safety UL, C-UL, CE EMC FCC, CE Environment RoHS
Mounting Position	Horizontal orientation, 19" Rack, 1 U	Horizontal orientation, 19" Rack, 1 U	Horizontal orientation, 19" Rack, 2 U
Operating Temperature	10 to 35 °C, 50 to 90 °F	10 to 35 °C, 50 to 90 °F	10 to 35 °C, 50 to 90 °F
Operating Humidity	8 to 90% (non-condensing)	8 to 90% (non-condensing)	8 to 90% (non-condensing)
Storage Temperature	-40 to +70 °C, -40 to 158 °F	-40 to +70 °C, -40 to 158 °F	-40 to +70 °C, -40 to 158 °F
Storage Humidity	5 to 95% (non-condensing)	5 to 95% (non-condensing)	5 to 95% (non-condensing)
Reliability MTBF	45,000 hours (5 yrs)	45,000 hours (5 yrs)	45,000 hours (5 yrs)

* Estimated recommended number of users is calculated depending on the usage of the application:

- RADIUS and Windows login, 2 authentications per day, logs kept on the appliance during 2 years

About VASCO

VASCO is a leading supplier of strong authentication and e-signature solutions and services specializing in Internet Security applications and transactions. VASCO has positioned itself as global software company for Internet Security serving a customer base of approximately 8,500 companies in more than 100 countries, including more than 1,250 international financial institutions. VASCO's prime markets are the financial sector, enterprise security, e-commerce and e-government.

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