



# IDEN TIKEY<sup>®</sup> Appliance

## A Dedicated and Easy to Maintain Authentication Solution

**IDEN TIKEY Appliance is VASCO<sup>®</sup> Data Security's product line of authentication and Internet security appliances. Based on IDEN TIKEY Authentication Server, IDEN TIKEY Appliance offers strong user authentication for local and remote access to the corporate network and to web-based business applications. IDEN TIKEY Appliance is highly suited for all enterprises that are looking to acquire a dedicated appliance for their authentication needs, avoiding the hassles and cost of installing and maintaining a software-based solution.**

IDEN TIKEY Appliance offers the full functionality of IDEN TIKEY Authentication Server in an integrated, easy to maintain, 19" rack mountable appliance. IDEN TIKEY Appliance allows easy installation, configuration, administration and maintenance of IDEN TIKEY Authentication Server. In combination with any DIGIPASS<sup>®</sup> authenticator, it replaces the users' static passwords with one-time passwords (OTP) to access the corporate network and its business applications from any remote location.

### DEDICATED PLATFORM DESCRIPTION

IDEN TIKEY Appliance comes as a standard appliance that fits into any 19" equipment rack. It is a complete authentication server offering with all software pre-installed. Besides offering full IDEN TIKEY Authentication Server functionality, IDEN TIKEY Appliance comes with a separate appliance administration interface as well as automatic upgrade and backup features. As IDEN TIKEY Appliance is not depending on external software, it offers a fixed and optimized performance. Deploying IDEN TIKEY Appliance is as easy as deploying a plug and play device: just install the appliance in your infrastructure, configure the front-end and back-end interfaces, import the user data and DIGIPASS and the authentication server is operational.

### SCALABILITY

IDEN TIKEY Appliance comes in multiple hardware versions, addressing the needs and required performance levels of the smallest SME to the largest multi-national. The criteria for the selection among the different models is the number of actual users that will use the authentication system.

- The **3000 Series** targets smaller businesses or small remote sites.
- The **5000 Series** is a standard 1U 19" rack server, suited as main appliance for all business environments.
- The **7000 Series** is a complete redundant 2U, 19" rack server for large enterprises or business critical applications.

Every model allows server failover and database replication towards any other Identifier appliance, ensuring the highest availability and adjusted performance at remote sites, resulting in zero downtime and permitting the setup of a backup site and global deployment of the authentication system.

### COMMERCIAL OFFER

In order to setup a complete authentication solution, every IDEN TIKEY Appliance needs to be complemented with additional IDEN TIKEY licenses and DIGIPASS authenticators. These can be purchased as separate components, or are conveniently available out-of-the box as DIGIPASS Packs.

IDEN TIKEY Authentication Server is available in several editions, offering dedicated functionality, such as RADIUS support, Desktop Windows login, Backup Server, Internet Application login, ect.

The complete solutions, containing the IDEN TIKEY Appliance, IDEN TIKEY Authentication Server licenses and DIGIPASS authenticators, are available for single or dual appliance setups.

### CONVENIENCE

The main driver for choosing an appliance-based solution is user convenience. In IDEN TIKEY Appliance, all administration functions are conveniently accessible through a web-based user interface. A variety of wizards help administrators setup IDEN TIKEY Appliance in a short time, and help performing other complicated tasks. Difficult configuration tasks like setting up replication between multiple IDEN TIKEY Appliances can be done with a few simple clicks. Automatic updates, both online and offline, with a complete fail safe mechanism keep IDEN TIKEY Appliance up-to-date with the latest software changes with a minimum effort and risk. Optional remote support can be offered as part of the maintenance agreement.

With IDEN TIKEY Appliance, VASCO is offering an appliance based strong user authentication solution that is up and running with minimum delay and that offers the lowest Total Cost of Ownership (TCO) by significantly reducing the maintenance costs.

### ADDITIONAL BENEFITS

- Self registration allows end-users to activate the DIGIPASS devices via a secure website without administrative intervention.
- The embedded LDAP Synchronization Tool enhances security and minimizes the administrative tasks of user management. Updates on the user management in Microsoft Active Directory, Novell e-Directory or any other LDAP depository are automatically synchronised towards Identifier. Adjustable filters allow specifying which (groups of) users need to be synchronized and it is possible to synchronize multiple LDAP domains with only one Identifier.
- 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.
- The delegated administration feature allows administrators to delegate tasks like user or DIGIPASS management or reporting without endangering the appliance runtime environment.
- The webbased nature of the administration interface allows remote or outsourced administration, offering new opportunities for managed services providers.
- Functionality information statistics provide critical details allowing administrators to easily manage the remote access environment.
- Standard or customized reports can be created and exported, in both CSV and XML format.
- Extensive log searching and the possibility to export the log search to an external syslog server are provided.
- 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.



SPECIFICATIONS	3000 Series	5000 Series	7000 Series
Recommended users RADIUS/DAWL*	500/250	10.000/1.000	100.000/10.000
Software	IDENTIKEY Authentication Server 3.x	IDENTIKEY Authentication Server 3.x	IDENTIKEY Authentication Server 3.x
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™ Processor D510 (1M Cache, 1.66 GHz)	Intel® Core™2 Duo E8400 3GHz 1333MHz 6MB LGA775	Intel® Xeon® Processor E5620 (12M Cache, 2.40 GHz, 5.86 GT/s Intel® QPI)
Memory	1GB 667MHz DDR2 ECC CL5 DIMM	4GB 800MHz DDR2 ECC CL5 DIMM	12GB 1066Mhz DDR3 ECC
Hard Disk Drive	1 x HDD 320GB SATA	1 x HDD 500GB SATA	2 x HDD 1TB SATA II
RAID format	–	–	RAID 1
Hot Swappable	–	–	Yes
Power Supply	AC 100~240V, 50/60 Hz 4-2 Amp Max 200W max 80 PLUS Certified	AC 100~240V, 50/60 Hz 4-2 Amp Max 200W max 80 PLUS Certified	AC 100~240V, 50/60 Hz 10-4 Amp Max 700W max 80 PLUS Certified
Power Redundancy	No	No	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 logon, 2 authentications per day, logs kept on the appliance during 2 years

A complete functional description of IDENTIKEY Authentication Server is available on [www.identikey.com](http://www.identikey.com).

The commercial offering for IDENTIKEY Authentication Server can be reached on [www.identikey.com/overview](http://www.identikey.com/overview).

See [www.digipasspacks.com](http://www.digipasspacks.com) for a detailed overview of the DIGIPASS Packs that can be used for expanding the IDENTIKEY Appliance.

## 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 and designs, develops, markets and supports DIGIPASS®, CertiID™, VACMAN®, IDENTIKEY® and aXsGUARD® authentication products. VASCO's prime markets are the financial sector, enterprise security, e-commerce and e-government.

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