

# DIGIPASS Pack for Remote & Network Authentication

**“Replace username and password logon with a safe solution”**

DIGIPASS Pack for Remote and Network Authentication is ideal for users who require remote authentication to IT infrastructure or local authentication to operating systems, servers, applications, portals and protected websites. Simplify user authentication for remote and local access while providing added security. DIGIPASS Pack for Remote and Network Authentication is user friendly software that is extremely easy to deploy.

## STRONG DIGIPASS AUTHENTICATION

DIGIPASS Pack for Remote and Network Authentication is a security software solution that provides two-factor authentication based on One-Time Passwords. DIGIPASS Pack for Remote and Network Authentication replaces the single-factor login sequence of typing username and password with a proven security technology: strong two-factor authentication. The DIGIPASS solution requires authorized users to demonstrate both of the following:

- Possession of a DIGIPASS identity token (either by typing the One-Time Password generated by the authentication device DIGIPASS 860 (DP 860) or by inserting the DP 860 into the USB port)
- Knowledge of a unique PIN-code

This two-factor authentication technology has been designed to perform seamlessly with Windows® operating systems or any RADIUS compliant VPN client or web page.

## NO PROGRAMMING NEEDED

DIGIPASS Pack for Remote and Network Authentication is easily installed and integrated within your existing IT and authentication infrastructure. It does not replace or change underlying functionality but simply strengthens your regular authentication procedures with two-factor authentication. No special programming is required. There is no need to create new user accounts which ensures minimal administrative costs and the lowest possible Total Cost of Ownership.

## OUTSTANDING VERSATILITY, UNMATCHED EASE

DIGIPASS Pack for Remote and Network Authentication incorporates the following:

- Secure Authentication Suite which provides strong two-factor authentication to Windows operating systems, Microsoft Terminal Server environments, Citrix Metaframe environments, applications which require username/password authentication and any protected web page or portal.
- VACMAN Middleware for RADIUS authentication on any RADIUS compliant VPN client, including Checkpoint, Cisco, SonicWALL, etc.

## FUNCTIONS

- Verification of authentication requests from remote users
- Central administration of users, DIGIPASS authenticators and authentication policies
- Two-Factor logon to Windows operating systems, Windows applications, websites and portals, Citrix Metaframe and Microsoft Terminal Servers

## FEATURES

- Strong DIGIPASS based two-factor authentication
- Runs on RADIUS clients for remote VPN access
- Policy based authentication
- Bulk management and auto management
- Flexible DIGIPASS assign procedures
- ODBC/AD database support
- Dynamic user registration
- Password auto learning
- DIGIPASS authenticator auto assign
- Comprehensive audit system
- Support of multiple authentication server environments
- Works on Windows GINA for network and local IT access
- Smart Card based SSO (Single-Sign-On)
- Same functionality for connected and disconnected PCs
- Universally applicable; also secures applications and web sites
- Configurable prompts on card removal, including “lock workstation,” “user log off,” and “system shut down.”
- Multiple logon profiles on one card/DP860
- Minimal installation and support costs
- No integration necessary resulting in saved time and money
- User credentials are automatically gathered during first login, resulting in minimal administration.
- Full support of Microsoft Terminal Server environments, including session roaming
- HTTP authentication for web logon
- Support of sequential logons
- Application Logon provides built-in support for many standard applications including Windows Messenger, Remote Desktop Connection Client, Lotus Notes, Microsoft Office, PGP, and WinZip
- Versatile Macro recorder in Application Logon to learn keyboard and mouse events for complex logon procedures (e.g. SAP GUI)
- Supports strong passwords with ‘Salt and Pepper’ character sequences containing non-alphanumeric characters.



### BENEFITS

- Strong DIGIPASS two-factor authentication ensures your users' identities
- DIGIPASS One-Time Passwords eliminate the risk of password theft
- Safe and convenient password storage - no more passwords on sticky notes
- No need for regular password changes
- Designed to fit the needs of small and medium sized companies
- 'Out-of-the-box' solution
- Easy to integrate, administer and audit
- Seamless solution; easy to use
- Reduced administrative costs by eliminating lost or forgotten password support issues
- Low set-up, support and no integration expense save time and money
- Extremely low Total Cost of Ownership
- ROI in less than six months

### SERVER REQUIREMENTS

<b>Operating System</b>	<ul style="list-style-type: none"> <li>• Windows 2000 (SP4)</li> <li>• Windows XP (SP1 or above)</li> <li>• Windows 2000 Server (SP1 or above)</li> <li>• Windows 2003 Server (SP1 or above)</li> </ul>
<b>Processor</b>	500 MHz or faster <i>The following conditions may increase the load of the CPU:</i> <ul style="list-style-type: none"> <li>• Heavy volume of RADIUS authentication / accounting requests</li> <li>• RADIUS requests proxied to RADIUS server</li> <li>• One or more audit consoles active</li> <li>• ODBC auditing enabled</li> <li>• Server debug option enabled</li> </ul>
<b>Memory</b>	Minimum RAM capacity of 512 MB <i>The following conditions may increase memory size requirements:</i> <ul style="list-style-type: none"> <li>• User cache enabled with a large number of users to be cached</li> <li>• Audit viewer active</li> </ul>
<b>Disk Space</b>	Minimum disk space of 200 MB <i>The following conditions may increase disk space requirements:</i> <ul style="list-style-type: none"> <li>• Large number of user and token records</li> <li>• Audit log files that are not archived</li> </ul>
<b>Winsock</b>	Version 2.0 or above

### About VASCO

VASCO is the number one supplier of strong authentication and e-signature solutions and services. VASCO has established itself as the world's leading software company specialized in Internet Security, with a customer base in the financial sector, enterprise security, e-commerce and e-government.

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### COMPLIANCE TO STANDARDS

<b>Smart Cards</b>	ISO 7816
<b>RADIUS</b>	RFC 2865 and 2866
<b>Authentication</b>	DIGIPASS

### CLIENT REQUIREMENTS

<b>Operating System</b>	<ul style="list-style-type: none"> <li>• Windows 2000 (SP4)</li> <li>• Windows XP (SP2 or above)</li> <li>• Windows 2000 Server (SP4)</li> <li>• Windows 2003 Server (SP1 or above)</li> </ul>
<b>Processor</b>	500 MHz or faster
<b>Memory</b>	Minimum RAM capacity of 512 MB
<b>Disk Space</b>	Minimum disk space of 40 MB

### PACK CONTENTS

DIGIPASS Pack for Remote and Network Authentication includes:

- Five DP 860 units
- Five end user licenses for DP Windows Logon, DP Application Logon, DP Web Logon, DP Microsoft Terminal Server logon, DP Citrix Metaframe logon
- Five end user licenses for VACMAN Middleware for RADIUS
- Two software installation CDs
- Two quick installation manuals
- One year of software maintenance and support services.

### POSSIBLE GROWTH PATHS

VASCO Data Security is committed to our customer's continued success and offers many options to support your growing needs. End user licenses can easily be upgraded, for example, to VACMAN Middleware for Web Authentication. The following upgrades are available at anytime for DIGIPASS Pack for Remote Authentication with VACMAN Middleware for RADIUS:

- Additional user licenses
- Upgrade from RADIUS authentication for VPN to RADIUS for VPN and Outlook Web Access Authentication
- Upgrade from RADIUS authentication for VPN to RADIUS for VPN and Citrix Web Interface Authentication
- Upgrade from RADIUS authentication for VPN to RADIUS for VPN and Internet Information Server Basic Authentication

For more information, please contact your nearest VASCO Sales office. A full list of compatible appliances for DIGIPASS packs is available on our website at [www.digipasspack.com](http://www.digipasspack.com).

