

Enterprise Security

Secure Access to your
Network with Digipass

for

- > Remote access
- > Web applications
- > Local Area Networks
- > Integrated solutions

Strong Authentication

VASCO addresses the security gap caused by using static passwords for the authentication of users.

Strong authentication refers to systems that require multiple factors for authentication and uses advanced technology to verify a user's identity.

A physical device like a Digipass generates a one-time password that, in combination with something you know like a PIN code, enables you to safely identify customers and employees who are trying to access your network resources.





VASCO's time-based system generates unique passwords that change with every use, and are virtually impossible to hack or break.

"I always use the name of my wife as my password. When it expires I simply add a number to it. I am up to Laura23 now." 35% of people use a piece of personal information as password

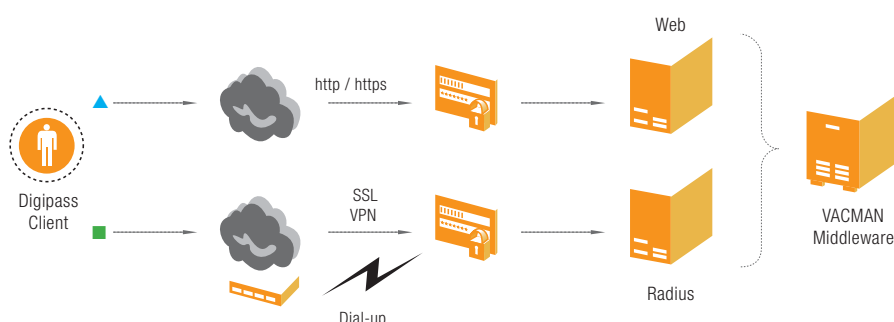
"I am safe, my password is f!\$cD5k+. I wrote it down on a Post-it note in order to remember it." 30% of users write down their passwords and hide it around their desktop

"My password is password." representative for 12% of users

Digipass Family

		BATTERY (YEARS)	WEIGHT (GRAMS)	APPLICATION	PIN PAD
	Digipass Go 1 With a simple click users open the Digipass Go 1 and receive a unique one-time password on a high contrast 8-character LCD display. (Standard programming is 6 digits OTP). ✓ attractive design facilitates user acceptance ✓ ultra portable (comes with accessories to be worn on a pocket, around the neck, on a key ring or belt) ✓ server side PIN verification possible	5	29	TIME EVENT	NO
	Digipass Go 3 The Digipass Go 3 is very small and features a high contrast LCD display and a single button. One push on the button and the Digipass Go 3 shows a unique one-time password on its LCD display. ✓ most cost-effective Digipass, single button manipulation and compact format ✓ a normal battery lifetime of 5 years and beyond offers a very high return of investment ✓ server side PIN verification possible	5	10	TIME EVENT	NO
	Digipass 260 The Personal Identification Number (PIN) code is entered into the Digipass 260 which then calculates a dynamic password. This one-time password enables authorized access into the network. ✓ most cost-effective PIN-protected Digipass ✓ customizable to your specific applications (PIN length, number of PIN trials, type of cryptographic algorithm)	7	28	TIME EVENT CHAL	YES
	Digipass 300 To gain access to applications and services you must have a PIN and a hand-held Digipass 300. The generated one-time password enables authorized access into the network. The Digipass 300 is fully programmable and offers maximum flexibility. ✓ tough shock-resistant materials and a very long battery life (10 – 15 years) for frequent use ✓ easy to customize (colors, logo on lens), even affordable for smaller quantities	10	37	TIME EVENT CHAL	YES

Access Type: Remote Access (Radius) + Web



VASCO

VASCO designs, develops and supports patented "Identity Authentication" products for secure network access, e-business and e-commerce.

With more than 13.5 million Digipass tokens in use worldwide, VASCO has established itself as a world leader for strong authentication. More than 300 international financial institutions, 1500 blue chip corporations and governments use VASCO products in approximately 80 countries.

VASCO is a European/US company which has revolutionized the European banking world. As a direct result of that experience, VASCO defined opportunities for any remote users requiring extra security.

VASCO's Identity Authentication solution is delivered via its Digipass tokens, small "calculator" hardware devices carried by end-users, or in a software format on mobile phones, other portable devices, and computers.

For user access control, VASCO's VACMAN products guarantee that only designated Digipass users gain access to the protected application. VASCO's target markets are the application providers and users that utilize fixed passwords as security.

Strong authentication reduces the number of helpdesk calls while increasing user productivity by simplifying password management.

VACMAN Middleware

VACMAN Middleware is an out-of-the-box central authentication software that enforces Digipass strong authentication for your network access security.

VACMAN Middleware secures remote access and web applications. It is the perfect solution to secure small and medium size enterprises. VACMAN Middleware supports Active Directory as a repository and includes Digipass integrated management console.

Key features and benefits:

- Microsoft Management Console Administration (MMC)
- Integration with Microsoft Active Directory or ODBC repository
- Online Audit Console
- User web-based self-management
- Built-in deployment features such as self-assignment and bulk operations reduce Total Cost of Ownership (TCO)
- Support for the complete range of Digipass tokens
- Support for Virtual Digipass

Virtual Digipass (VDP)

Virtual Digipass allows users to benefit from strong authentication when a Digipass is forgotten. VDP allows users to receive their one-time password as a text message on their portable device (e.g. mobile phone). This is the ideal secure backup solution.



Integrated Solutions

VASCO offers a range of fully integrated solutions for RACF, Novell NMAS, Lotus Domino, F5, Radiator and Funk. No additional server is needed. Native integration drastically reduces the cost and complexity of deploying two-factor authentication solutions.

The plug-in inherits all the native features of your existing system or application (scalability, load-balancing, delegated administration ...).

Novell's E-Directory technology natively integrates VASCO's VACMAN Controller libraries software, so if your customers use E-Directory, the cost of implementing an authentication solution is dramatically decreased compared to alternative solutions.

F5 FirePass natively integrates the VACMAN Controller Libraries.

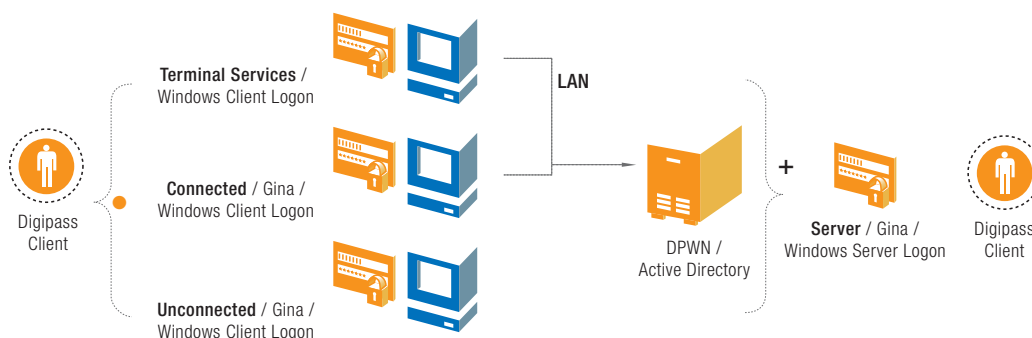
Digipass Pack for Windows Networks

The Digipass Pack for Windows Networks (DPWN) brings the advantages of VASCO strong authentication to your Windows (LAN) network.

DPWN is a VASCO bundling of Protocom SLAA and VASCO Digipass (Go 1, Go 3, DP 260, DP 300).

With its integration in Active Directory, DPWN continues to offer a single point of control for the entire user community, while offering the opportunity to manage users with the standard Microsoft Management Console (MMC).

Access Type: Local Area Networks (LAN)



Digipass Pack

A Digipass Pack consists of all the necessary Digipass hardware and VASCO software to provide you with a complete and secure strong authentication solution for a range of technology partners.

The Digipass Pack provides two-factor strong authentication for remote access (■), web-based applications (▲), local area network access (●), and exists for the following VASCO Ready Solution Partners.

1 Response only
2 Included with Partner product
3 No Static Password on host
4 Third Party Solution

Customization

Customize your VASCO Digipass by selecting the color and print that best fits your needs and corporate style. Please contact your VASCO Channel Partner for more information.

DIGIPASS STANDARD COLOR

- Go 1

Go 3

260

300
- Blue

Dark blue

Anthracite black

Deep Grey

Azure Blue

Transparent White

Transparent Blue

Technology Partners	Access Type			Integration Type		Digipass				Documentation		
	Remote Access (Radius)	Web	LAN	Middleware	Integrated or Plug-In	Go 1	Go 3	DP 260	DP 300	Integration guide	Whitepaper	Compatibility sheet
Digipass Pack or Plug-In for												
AVAYA	■			✓		✓	✓	✓	✓	✓		✓
FUNK STEEL BELTED RADIUS	■			✓	✓	✓	✓	✓	✓	✓		✓
LUCENT NAVIS RADIUS	■			✓		✓	✓	✓	✓	✓		✓
MICROSOFT IAS	■			✓		✓	✓	✓	✓	✓		
NETASQ	■			✓		✓	✓	✓ ¹	✓ ¹	✓		✓
OTHER RADIUS	■			✓		✓	✓	✓	✓	✓		
RADIATOR	■			✓	✓	✓	✓	✓	✓			
CHECKPOINT	■	▲		✓		✓	✓	✓	✓	✓		✓
CISCO	■	▲		✓		✓	✓	✓ ¹	✓ ¹	✓		✓
CYBERGUARD	■	▲		✓		✓	✓	✓	✓			✓
F5	■	▲		✓	✓ ²	✓	✓	✓	✓	✓		✓
JUNIPER/NETSCREEN	■	▲		✓		✓	✓	✓	✓	✓		✓
MOBILITY GUARD	■	▲		✓		✓	✓	✓ ¹	✓ ¹			✓
NETILLA/AEP	■	▲		✓		✓	✓	✓	✓	✓		✓
NOVELL NMAS/iChain/BorderManager	■	▲	●		✓	✓	✓	✓	✓	✓	✓	✓
PASSGO	■	▲			✓ ²	✓ ³	✓ ³	✓	✓			✓
SAFENET	■	▲		✓		✓	✓	✓ ¹	✓ ¹	✓		✓
SONICWALL	■	▲		✓		✓	✓	✓	✓	✓		✓
STONESOFT	■	▲		✓		✓	✓	✓	✓			
SYMANTEC RAPTOR	■	▲		✓		✓	✓	✓	✓	✓		
WATCHGUARD	■	▲		✓		✓	✓	✓	✓	✓		✓
WHALE COMMUNICATIONS	■	▲		✓		✓	✓	✓	✓			
CITRIX		▲		✓		✓	✓	✓	✓	✓		✓
COMPUTER ASSOCIATES/NETEGRITY/SITEMINDER		▲			✓ ²	✓	✓	✓	✓			✓
EVIDIAN		▲		✓		✓	✓	✓	✓			✓
HP Baltimore OpenView Select Access		▲		✓		✓	✓	✓	✓	✓		✓
IBM LOTUS DOMINO		▲			✓	✓	✓	✓	✓	✓		✓
IBM RACF		▲	●		✓	✓ ³	✓ ³	✓ ¹	✓ ¹		✓	✓
IBM TIVOLI ACCESS MANAGER		▲			✓	✓	✓	✓	✓		✓	✓
MICROSOFT OWA		▲		✓		✓	✓	✓	✓	✓		✓
NOMADIX		▲		✓		✓	✓	✓ ¹	✓ ¹	✓		
REGULAR WEB CONTENT		▲		✓		✓	✓	✓	✓			
WINDOWS NETWORKS/Protocom SLAA			●		✓ ⁴	✓	✓	✓ ¹	✓ ¹		✓	✓

Where to buy?

VASCO Digipass Packs are available through any of our Authorized Channel Partners. All VASCO Partners work to address the security challenges of today: the integrity of online identities and the secure protection of information.

Visit www.vasco.com to locate your nearest reseller.



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