

# VACMAN and DIGIPASS provide NautaDutilh with a secure remote access solution for its world-wide professional network

NautaDutilh is an international independent law firm with offices in Amsterdam, Rotterdam, Brussels, Luxembourg, London and New York. To be able to provide the highest quality service to their clients, often operating on an international level, NautaDutilh has established a worldwide network of lawyers, notaries and tax advisers. Looking for an effective solution to secure remote access for its employees, NautaDutilh went for strong authentication with a combination of VACMAN and DIGIPASS 300.

## QUALITY, FLEXIBILITY AND EFFICIENCY



As an independent law firm operating on an international level, NautaDutilh has developed its own specific structure and vision. The firm has several offices in world's leading financial and corporate centers. To ensure that their clients worldwide are provided with legal solutions that work both locally and internationally, NautaDutilh partners with carefully selected leading law firms around the globe. The firm is active in a wide range of sectors, providing services to companies and governments, and multidisciplinary teams work together to keep the sector expertise up-to-date and to pool and exchange knowledge.

In this world-wide network where flexibility and efficiency are key words, employees need to be able to access the corporate network from any location, whether working from home, at a client's office or while traveling around the world. To protect sensitive information from being intercepted, NautaDutilh needed an effective solution that could be easily integrated within its existing IT infrastructure to guarantee safe remote access for all its employees and suppliers.

## VACMAN: SEAMLESS INTEGRATION WITH EXISTING REMOTE ACCESS SOLUTION

At the time NautaDutilh decided to secure its remote access application with strong two-factor authentication, the firm's server was Novell-based. VASCO's products seemed the only logical choice, as seamless integration with E-directory was an absolute prerequisite. NautaDutilh opted for VACMAN, a simple and cost-effective solution that can elevate remote access security in any RADIUS and web environment by enforcing DIGIPASS strong authentication

technology. Later on, NautaDutilh switched to a Microsoft platform, but as VACMAN can be easily integrated in any IT infrastructure, the transition to Active Directory went very smooth as well.

## ELIMINATING STATIC PASSWORDS WITH DIGIPASS 300

NautaDutilh uses a third party appliance to enable its employees to access web applications and virtual pc's (VMware). This third party appliance supports single logon for all available applications and services. The single logon screen also contains the token password. To protect the firm's computer system from unauthorized access, the company chose to implement DIGIPASS 300, a PIN-protected authentication device. DIGIPASS 300 generates a one-time password, which has to be entered in the start screen, on top of the AD User-ID password, thus enabling the firm to identify employees using remote access. DIGIPASS 300 is a user-friendly authenticator with an expected battery life of seven years and beyond, which makes it a reliable part of the total security solution.

At NautaDutilh, DIGIPASS 300 is used by approximately 400 employees. "The authenticators and the logon procedure were received very well", says Joost van der Haar, IT Director at NautaDutilh. "We are now confident that only authorized users have access to our applications and confidential



*Dirk Van Gerven, Partner at NautaDutilh*

data.” DIGIPASS 300 also requires no additional software installation on the end-user’s computers, which makes it very easy to implement. “The logon procedure with the DIGIPASS is very simple, and the benefits of working from home or while traveling are obvious”, adds Dirk Van Gerven, partner at NautaDutilh since 1999. “It is very reassuring to know that no one can abuse your password.”

**THE BENEFITS OF STRONG TWO-FACTOR AUTHENTICATION**

The combination of VASCO’s VACMAN as a central platform and DIGIPASS 300 on the end-user side ensures a safe and user-friendly remote access. “No matter how strict the password policy is, static passwords remain the weakest link in the security chain,” continues Joost van der Haar. “Keeping in mind that safe internet traffic cannot be taken for granted these days, we consider a static password as insufficient to guarantee authorized access to the firm’s confidential data. A dynamic password gives hackers no opportunity to intercept and re-use the password, as it can be used only once and expires after a limited amount of time.”

Another benefit of VASCO’s strong two-factor authentication is the low total cost of ownership. Thanks to the average lifetime span of DIGIPASS 300 of seven years and beyond, the fact that VACMAN does not require replacement or a redesign of the existing remote access solution, and as no additional software must be installed on the end-user’s computer; the costs of implementing a VASCO authentication solution remain very low.

The result is a cost-efficient, user-friendly, and most important of all, secure remote access solution. “Our employees have to type in their AD User-ID, their AD password and the PIN-code into their DIGIPASS, and use the generated one-time password to logon. The third party appliance we work with checks the computer remotely and gives access to certain applications, depending on

the security status of the pc. For example, when a virus scan is not up to date, someone only gets access to Outlook Web Access, but when all requirements are met you get full access. The most important checks are for the virus scan and the firewall. This is essential and necessary, both PC and user who logs in have to be “trusted”.”, concludes Joost van der Haar.

**Objective**

NautaDutilh wanted to protect sensitive data and IT installations by securing remote access for employees and suppliers with strong authentication.

**Challenge**

The firm was looking for an authentication solution that could be seamlessly integrated with Active Directory and the existing IT infrastructure. Besides that, the authentication devices had to be user-friendly and should be protected from possible abuse.

**Solution**

The combination of VASCO’S VACMAN and DIGIPASS 300 was the right choice to meet NautaDutilh’s security challenges. VACMAN could be easily integrated in the firm’s existing remote access solution, providing strong authentication security, while user-friendly and PIN-protected DIGIPASS 300 authenticators could guarantee secure access for employees and suppliers from any location worldwide.



# NautaDutilh

**About NautaDutilh**

NautaDutilh is one of the leading independent law firms in the Benelux and one of Europe’s pre-eminent law firms. It is also the largest law firm in the Benelux market with 400 lawyers, civil law notaries and tax advisers in offices in Amsterdam, Rotterdam, Luxembourg, Brussels, London and New York and works in close cooperation with pre-eminent law firms worldwide on a non-exclusive basis.

NautaDutilh specializes primarily in corporate law, capital markets and finance law, but is also well known for its capabilities in the areas of tax, employment, IP, regulatory/EU and commercial property and infrastructure.

NautaDutilh is recognized by major international legal directories such as the European Legal 500 and the Chambers Global Directory, both of which recommend it as the leading independent firm in the Benelux. [www.nautadutilh.com](http://www.nautadutilh.com)

**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 a global software company for Internet Security and designs, develops, markets and supports patented DIGIPASS®, DIGIPASS PLUS®, 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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