Multifactor Authentication Seminar

The Bank van de Nederlandse Antillen hosted an Authentication and Security Seminar on October 22, 2007. Invited to this seminar were all financial institutions (local banks of all the islands, international banks and credit unions). The major objective of the seminar was to present to the financial institutions "The Provisions and Guidelines for Safe and Sound Electronic Banking." These provisions focus on the risks and risk management techniques associated with operating over the public internet network and using innovative technology, while the principles are applicable to all forms of e-banking activities. As indicated by the Bank, these provisions must be implemented by July 31, 2008. One of the mandates within these provisions is that all financial institutions comply with at least 2-factor authentication within their E-banking applications.

The other objective of this seminar was to provide the financial institutions with information on the risks associated with 1-factor authentication and the different solutions available to implement 2-factor or multifactor authentication. The information was supplied by Mr. Karim Zerhouni from BearingPoint and some vendors who displayed the products they have already implemented (or intend to implement) at local institutions.

KARIM ZERHOUNI
Senior Manager, BearingPoint

Mr. Karim Zerhouni is a Senior Manager in BearingPoint's Financial Services Information Security practice. He has proven expertise in leading IT professionals, implementing Information Security corporate policies and global projects, and implementing and overseeing cutting-edge technology strategies (including multifactor authentication strategies). Mr. Zerhouni is currently helping a world leader in the Payment Card Industry to become and remain the encryption authority in the payment industry across all on-line channels. This high visible, very strategic project will have a major impact on online payments across the industry. From January 2006 to January 2007, he acted as the lead program manager for the Multifactor Authentication program of Citigroup in New York, reporting directly to the Chief Security Officer and CTO.

Mr. Zerhouni possesses an in-depth understanding of emerging technologies, their respective markets, and commercial applications. For 18 years, he has successfully managed and coordinated activities that provide innovative and cost-effective information technology, telecommunications, and wide-area voice & data networking solutions. Mr. Zerouni is able to interact with all levels of staff and management, especially executive management, and has

extensive experience in the financial services industry. Mr. Zerouni holds a Ph.D. in Computer Science from the Pierre & Marie Curie University, Paris, France (1992).

The following topics were covered by Mr. Zerouni during the seminar:
1- Phishing and Countermeasures
2- Multifactor Authentication
3- Virtual Tokens

The information with regard to "The Provisions and Guidelines for Safe and Sound Electronic Banking" was presented by Mr. Carolus Walters from the BNA. The following vendors presented their products:

BearingPoint:
BearingPoint is a global management and technology consulting company known for its extensive industry experience and high customer satisfaction. It collaborates with clients in government and industry in 60 countries to solve their most pressing challenges, from strategy through execution.

Its more than 17,000 employees provide strategic consulting, application services, technology solutions, and managed services to government organizations, Global 2000 companies, and medium-sized businesses in the United States and around the world.

BearingPoint's service offerings are designed to help its clients generate revenue, increase cost-effectiveness, manage regulatory compliance, integrate information, and transition to "next-generation" technology.

The company earns recognition for its client service from leading analysts and trade publications, but is proudest of its high customer satisfaction scores.

http:// www.bearingpoint.com

VS Solution Group:
VS Solution Group is a firm with more than 10 years experience in designing and providing technological solutions through system integration and consultation. The group's performance has given them a clear vision of efficiency in the most complex systems management, both in the public and private sectors.

The firm has a professional staff, specialized in leading and implementing important project, covering the whole spectrum of any company's needs. These needs include advice and initial diagnosis, identification of the most convenient products and technologies, project management, and furnishing the most appropriate hardware and software.

The mission of VS Solution Group is to provide organizational and IT solutions of excellence, aligned with their clients' objectives.
http://www.visualsoftsolutions.com

FOX-IT and VASCO:

Fox-IT is a specialized IT security company with solid knowledge of information security, forensic research, and strong authentication. The mission of Fox-IT is to realize security solutions and to solve security problems for clients who consider security of great importance.

VASCO is the number one supplier of strong authentication, and e-signature solutions and services. VASCO has established itself as the world's leading company specializing in internet security.

Fox-IT, expert on information security, and VASCO, the number one supplier of strong authentication, work together to deliver complete solutions for all information security needs.

http://www.fox-it.com

IBM and Entrust:

IBM is a globally integrated innovation company, serving the needs of enterprises and institutions worldwide. The company seeks to be a partner in its clients' success by enabling their own capacity to innovate, so that they may differentiate themselves for competitive advantage in a globalizing economy. IBM views enterprise innovation not only in terms of products and services, but across all dimensions of a business: business processes, business model, management systems, culture, and role in society. To help clients achieve growth, effectiveness, efficiency, and the realization of greater value through innovation, IBM draws upon the world's leading systems, software, and services capabilities.

Entrust serves as trusted security experts, securing a client's digital life — and the digital life of the client's organization and employees, partners, and customers.

A client's digital life encompasses all that it does electronically, from communication to commerce to collaboration, both at work and at home. It's a digital identity and all that it does online. It's personal. It has value. Clients want their digital life to be safe, just like their physical life. In many ways, "digital life" has become just "life" — like "e-business" is now just "business."

Entrust secures a client's digital life by providing software solutions that

- protect its digital identity through authentication
- enforce policy via advanced content scanning
- protect information assets through encryption

http://www.entrust.com

RSA

RSA is the premier provider of security solutions for business acceleration. As the chosen security partner of more than 90 percent of the Fortune 500, RSA helps the world's leading organizations succeed by solving their most complex and sensitive security challenges. In September 2006, after over 20 years providing leadership to the security industry, RSA Security joined forces with EMC Corporation and Network Intelligence to form the Security Division of EMC. Driving this merger was the recognition that customer needs have changed, and traditional approaches to information security are no longer sufficient. Increasingly, what should be a company's most important company asset—information—is its greatest liability.

In response, RSA is ushering in a new information-centric approach to security that will empower leading companies worldwide to address these challenges and move ahead with the confidence to compete and win in today's marketplace. Fueling its mission is the passionate belief that security should be about lifting business limitations, not imposing them.

http://www.rsa.com

Copy of the presentations:

1. Multifactor Authentication Brief
2. Phishing and Countermeasures Curacao
3. Virtual Tokens
4. Provisions and Guidelines E-banking