

CORPORATE BACKGROUNDER

NEOWAVE, a leader in the high growth Smart Objects market, offers an innovative platform for the delivery of multiservice solutions based on Smart Card and Web technology

Neowave simplifies Internet and contactless identification and secures transactions for a variety of communities, thus enabling dematerialization and revolutionizing online services in an increasingly connected and mobile world.

Paris, November 17, 2009 – Growth in the Smart Objects market is fueled by the need for the dematerialization of tickets and payment transactions – both online and in the physical worlds – and the dematerialization of documents and workflow processes in business environments. According to Eurosmart, 20 Billion Smart Objects will be in use by 2020, globally. Neowave is poised to take advantage of that opportunity, by delivering Smart Objects suited for multiple applications, such as e-ticketing, e-payment, physical and logical access control.

Weneo Smart Objects

An innovative leader in the Smart Objects market, Neowave offers the Weneo range of products, a new generation of transactional, multi-application devices, based on a small and ergonomic form factor. Embarking a Smart Card, Smart Card reader, contactless interface, flash memory, virtual CD-ROM and USB connector, Weneo combines the performance of RFID/NFC communication with the high security of Smart Cards, to provide the latter with the connectivity they have been lacking until recently.

Representing a person within a given community, Weneo makes it easier for the user to authenticate and access services specific to his or her day-to-day environment. Simplified daily tasks include: purchasing e-tickets online and validating them in mass transit systems, accessing buildings requiring identification, logging securely into a corporate network to access shared resources, paying in contactless mode at the cafeteria or vending machine, signing emails and documents electronically, etc.

Neowave is guided by its vision of a connected world where a direct, privileged relationship and flow of information between an individual and the organizations he or she interacts with daily, is an essential aspect of modern business. The company's goal is to bring to market a multi-applicative, end-to-end solution that meets the needs of various user communities.

Solutions for Communities

Neowave's products and solutions address the needs of all Smart Card traditional markets: mass transit, banking, enterprise security, health, etc. Neowave believes that communities in education (schools, college, higher education), distribution (loyalty programs) and services (events, tourism, sports clubs, etc) will also be able to deliver great benefits to their members and constituents thanks to Weneo.

In the last couple of years, Neowave actively contributed to the launch of several mass transit dematerialization projects in France and Europe, including an on-going pilot in Brittany with SNCF, the French railway company. Neowave's products are qualified on many public transportation networks in cities such as Grenoble, Montpellier, Lyon, Paris and Strasbourg.

Innovation

Neowave never stops innovating, as demonstrated by the recent introduction of Weneo Duo, the first Smart Object to combine two Smart Cards into a single device. With the launch of the Weneo Identity solution last summer, Neowave made its debut in the enterprise security market, another high growth potential area for Weneo. A close partnership with BMS, the company operating the Moneo e-Purse in France, helped increase the breadth of services available to customers. Cooperation with BMS was critical in meeting the needs of the City Council of Bordeaux and of the University of Toulon within the PACALABS project.

Once again exhibiting at the Cartes & Identification show this year, Neowave will be presenting its Weneo Identity enterprise solution and hot new product, Weneo Duo. Both are finalists for the 2009 Sésames Trophy, awarded to the most innovative products representing a genuine breakthrough in the card industry and bringing significant benefits to potential users.

Weneo IDentity: the enterprise solution

- Logical access control (strong authentication: Windows Logon, Web/SSL, VPN)
- Contrôle d'accès physique (RFID)
- Services NFC/RFID (payment, mass transit, etc)

Weneo Duo: the new generation of Smart Objects with 2 Smart Cards

- Contactless access and validation on heterogeneous networks
- Online connectivity and reloading for both chips
- Multiple NFC/RFID transactional services with both chips
- Personal productivity (flash memory)

« Since its inception, Neowave has been innovating to offer great Smart Objects for mass transit ticketing, strong authentication and e-payment, says Bruno Bernard, President of Neowave. The company now engages in the second phase of its development, and will be focusing on delivering multi-application, end-to-end solutions to various communities, including local governments, universities and enterprises. »

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About Neowave

With Smart Objects as its core business, Neowave revolutionizes dematerialization and online services by simplifying secure Internet and contactless transactions for various communities of users. Weneo Smart Objects combine the high level of security provided by Smart Cards with the benefits of USB connectivity and contactless NFC/RFID technologies.

Neowave's products and services address the needs of the following user communities:

- *Local governments: contactless validation of mass transit tickets, physical access to*

municipal services and collective infrastructures (pools, library, etc), with online booking and reloading.

- *Enterprises: physical and logical access control, electronic signature using certificates securely stored on the device, e-payment at the cafeteria, e-ticketing, etc.*
- *Banking: strong web authentication for secure access to accounts, electronic signature using certificates securely stored on the device, online payments and contactless micro-payments.*
- *Other communities: education, health, sports clubs, etc.*

Founded in June 2007 in Gardanne, at the heart of the SCS cluster (Secure Communication Solutions), Neowave was built on the expertise of its founders in Smart Card technology, embedded software, secure components and high-tech end-user products.

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