



Reutlingen, Germany – June 18, 2008

NXP and Bibliotheca provide a state-of-the-art Longlife RFID library solution for leading research institution

Bibliotheca RFID Library Systems, globally one of two leading RFID provider, and NXP Semiconductors – named the leading RFID Transponder IC vendor worldwide¹ by ABI Research – today announced that Max Planck Institute for European History of Law, a prominent German research institution, will be the first to implement the latest in long-term RFID asset management technology. The library has chosen Longlife RFID labels from Bibliotheca RFID Library Systems, based on the recently launched ICODE SLI-SY chip. This latest ICODE product offers a guaranteed 40-year data lifespan to produce a robust solution which offers long-term data integrity. The internationally renowned Max Planck Institute for European History of Law Library will now begin the rollout of the new RFID library solution for its archive of 320,000 assets.

“The Max Planck Institute Library in Frankfurt houses one of the most important collections of historic primary resources and secondary literature about the development

¹ For more information on ABI Research’s RFID Transponder IC Vendor Matrix from December 2007 please see <http://www.abiresearch.com/abiprdisplay.jsp?pressid=1013>.



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of European Law,” said Dr. Sigrid Amedick, library director of the Max-Planck-Institute for European History of Law.

“It is therefore essential that we maintain the collection for future generations. This is why it’s essential that the library’s stock maintenance system should have longevity and be based on trusted technology that is secure and easy to use.”

Bibliotheca RFID Library Systems – internationally known for its leading RFID library technology – has initiated the development of this innovative solution to respond to the needs of contemporary libraries. “By the end of last year, we determined that the chip technology and production has been enhanced to enable a solution with improved data retention. To get our product idea realized we successfully committed our leading partners in label production with NXP,” stated Uwe Brandenburg, COO Bibliotheca.

The use of high-quality paper and pH-neutral adhesive bond prevents degradation of documents to which the labels are attached, making labels easily to detach without leaving any residue. This is key for old and valuable collections of material.

Designed specifically for use within library and archive environments, the ICODE SLI-SY plays a central role in Bibliotheca’s new Archive and Longlife Labels which are



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ideal for academic libraries, government, legal and medical archives.

“Bibliotheca has created a solution which fully complements the benefits of the ICODE SLI-SY”, said Rainer Lutz, RFID marketing manager, NXP Semiconductors. “Both the Archive and Longlife labels are perfect packaging solutions for our new RFID IC. While standard library labels have been proven and reliable on 500 Million books and media worldwide, ICODE SLI-SY based labels are ideal for academic libraries, government, legal and medical archives requiring a guaranteed data integrity of at least 40 years. Having the Max-Planck Institute for European History of Law choose the solution clearly demonstrates the senior position NXP and Bibliotheca hold within the Library RFID solutions market place.”

Building on the proven ICODE platform, used by over 1,500 libraries worldwide, the new solution offers additional benefits including password-protected security and benchmark read range. Other key security features include a protected EAS functionality and full compatibility to the ISO 15693 standard.

Key features of the ICODE SLI-SY include:

- 40 year data retention
- ISO 15693 / ISO 18000-3



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- 2048 bits of on-chip memory
- EAS functionality with optional password
- Password protected write command to prevent unauthorized alteration of data
- Password protected privacy mode
- Benchmark RF performance and reliability

About Bibliotheca RFID Library Systems

Bibliotheca RFID Library Systems, Cham/Switzerland, specializes in the development, manufacture and marketing of software and hardware for automation and media security in libraries. With more than 350 installed projects, Bibliotheca is the European market leader; internationally, the company is number two. Bibliotheca is currently maintaining branches in Germany, Denmark, Italy, Australia, Canada and the USA.

Please find more information on www.bibliotheca-rfid.com.

About NXP Semiconductors

NXP is a top semiconductor company founded by Philips more than 50 years ago. Headquartered in Europe, the company has 37,000 employees working in more than 20 countries and posted sales of USD 6.3 billion in 2007. NXP creates semiconductors, system solutions and software that deliver better sensory experiences in mobile phones, personal media players, TVs, set-top boxes, identification applications, cars and a wide range of other electronic devices. News from NXP is located at www.nxp.com.

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