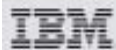


Bibliotheca RFID Library Systems - Smarter inventory management with IBM AnyPlace Kiosk and ILOG



Smarter Planet Reference Study



The customer: Bibliotheca RFID Library Systems

Bibliotheca RFID Library Systems specializes in developing, producing and marketing software and hardware for automation, inventory taking and control and media security in libraries. As a company of Swiss origin, they have installed more than 1000 projects, positioning them as the European market leader and number two in the world. Bibliotheca guarantees professional service standards worldwide through its local representatives. Branches in Germany, Denmark, Italy, the United Kingdom, Australia, Canada and the USA provide sound local foundations for the company's services, sales activities and its network of customers and partners. Bibliotheca RFID Library Systems was awarded the Swiss Technology Award in 2005, and the Zug Innovation Prize in 2004.



„Bibliotheca RFID Library Systems is synonymous with first-class project partnership for the launch of state-of-the-art and customized RFID system solutions.“

Matthias Joos, CEO, Bibliotheca RFID Library Systems

Highlights

- The solution enables the library systems to gain insight into their patrons' borrowing habits, enabling the libraries to optimize circulation, lower costs and improve service.
- Bibliotheca's Next Generation Software and its GUI respond to practical demands and customer's requirements at the highest level.
- Bibliotheca's library customers can use the information from the [ILOG system](#) to best determine how many versions of each selection a single library, or connected library system, needs for an optimal balance of turnover and availability.
- The system, with its interconnected security devices, can help prevent theft and loss, and help libraries improve security.



The challenge

Libraries have increasingly begun to connect their circulation systems in order to share media and books, so they can offer a much broader assortment to their patrons. Bibliotheca offers the BiblioChip RFID System, an integrated and customized RFID solution, with the capacity to support this library inventory management processes among libraries. Patrons benefit from user-friendly and fast [lending](#) and [return](#) process via SelfCheck stations.

The BiblioChip System keeps the entire inventory safe and effectively prevents theft. Bibliotheca's yearly growth in the library industry was between 50 and 120 percent worldwide. As a result, it needed an open and modular solution compliant with international standards to address the following IT concerns:

- Manageable hardware assets and central system management with LiveView monitoring from any workplace/BiblioCockpit
- Variety of installations using different suppliers' products in its kiosks worldwide
- Huge maintenance costs from the kiosk touch screens
- Modern system flexibility because of a broad range of user-specific configuration options
- Need to refine its kiosk hardware in Switzerland
- The expansion of connected library systems has led to logistical concerns

The solution

Bibliotheca RFID Library Systems selected [IBM AnyPlaceKiosk](#) because the solution allowed Bibliotheca's management to be involved in every step of the solution. IBM initially provided loaned equipment in a test environment to prove the value of the solution. The client was also impressed because IBM Global Business Services and IBM Global Technology Services could deliver worldwide services efficiently and quickly.

The IBM solution called for the implementation of its Retail Store Solution (RSS) and IBM AnyPlace Kiosk hardware to replace the client's PC-based kiosk solution. IBM AnyPlace Kiosk is a flexible and powerful ultra-compact self-service solution that supports a global ecosystem of software applications. The IBM kiosk solution includes Retail Management Agent (RMA) and energy-efficient 80 PLUS power supplies which provide a major improvement over the existing client's kiosks.

Because Bibliotheca uses RFID technology and will be combining it with the latest Retail Store Solution products and the AnyPlace Kiosk printers and screens, IBM is also responsible for integrating the hand held readers and security gates, payment stations, access control points, self-service terminals, dispensers and return and sorting devices. The solution is based on the client's BiblioChip software and has an interface to the library management systems.



The Benefits of IBM AnyPlace Kiosk and the IBM ILOG System

- IBM AnyPlace Kiosk provides a complete family of 15", 17" and 19" touch screen high-performance models with dual video display capability support advanced rich media applications.
- All-new, flexible and powerful ultra-compact self-service AnyPlace Kiosk solution delivers a compelling customer experience virtually anyplace
- The IBM ILOG supply chain applications are designed to complement and enhance existing investments in enterprise resource planning (ERP) and advanced planning and scheduling (APS) solutions.
- These IBM ILOG applications help companies make better decisions faster, addressing global supply chain design and sourcing strategies, transportation planning, and the optimal flow and placement of inventory across the end-to-end supply chain.

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