



Client

Church management software is being used by thousands of churches nationwide, with Icon Systems at the forefront. Whether you're tracking a single congregation or managing an entire community of churches, Icon Systems has a number of software solutions available to help ensure your religious organization's daily operations run smoothly.

For more than twenty-five years, Icon Systems has been developing high-quality software exclusively for religious organizations. The company was founded in 1992 by Robert Gifford who developed the first Windows system for churches. Robert saw a need in the church management software (ChMS) industry for a solution that handled two key components necessary for a church's daily operations: donations and membership. At the time, such systems weren't within the average church budget. Robert's new product, Revelations, filled that need.

In 1999, Icon Systems started developing the first web-based church management software called IconCMO, which pioneered a new trend in online church management systems.

In 2015, the organization started developing Rubix, its latest software product, which is built on the most advanced web technologies and includes a child check-in module. The software uses one code base for the desktop and mobile applications and provides live updates to the user as data changes.

The Need

Icon Systems was looking for a label printer provider with an Application Programming Interface (API) so its programmers could interface the main Rubix system to the label printer using the iOS and Android™ platforms. Icon Systems required a labeling solution that worked seamlessly with its child check-in process — 'One Click Check-in' — so that labels could be printed quickly without selecting the printer each time. This integration would ensure that the check-in process was fast and seamless for parents checking in their children.

Icon Systems' programmers had several more needs. They needed a direct communication channel to the provider's API experts to resolve issues quickly and easily. They required a label printer that could connect by Wi-Fi, Bluetooth® wireless technology, or hard wire, with a printer service plugin app that could print directly to the network printers so the printer selection box did not appear each time a parent checked in a child.

Standard printer service apps were simply insufficient for Icon Systems' goal of providing a fast check-in experience for parents. The selection box makes the check-in process slow, tedious, and ineffective.

The Solution

When Icon Systems started developing Rubix in 2015, Brother was the only label printer company to have Wi-Fi enabled label printers.

From the development perspective, the Brother software development kit (SDK) provided every feature needed, including the ability to find all network connected printers, send a label directly to print, support any future Brother printers, and connect via all required methods.

In particular, the built-in wireless interface of the Brother QL-810w and Brother QL-820nwb label printers offer easy connectivity to print from virtually anywhere without being tethered to a computer — ideal for a speedy check-in process. Additional benefits of the Brother QL-810w and Brother QL-820nwb include high-resolution printing, a built-in label cutter and easy-to-replace drop-in roll refills.



Brother QL-810w

Ultra Fast Label Printer with Wireless Networking



Brother QL-820nwb

Professional, Ultra Flexible Label Printer with Multiple Connectivity options

The Outcome

There are a number of advantages to use Brother's labeling solutions together with Icon Systems' Rubix church management software architecture. Setting up the default printer within the app takes seconds. Users can also change the default printer at any time to start sending labels to another label printer. Having this capability gives the church a very quick backup solution when a mobile device or a printer goes down: they can easily replace the device and start printing to another available printer. Additionally, an administrator with a mobile phone can step in and send labels to the printer if a kiosk station goes down. All these benefits have contributed to the positive feedback users have provided on Icon Systems' one click printing and fast check-in experience.

For more information on Brother Labeling Solutions, contact QLSolutions@brother.com.

