

Connectelligence™ Legacy Integration Solutions

The Challenge

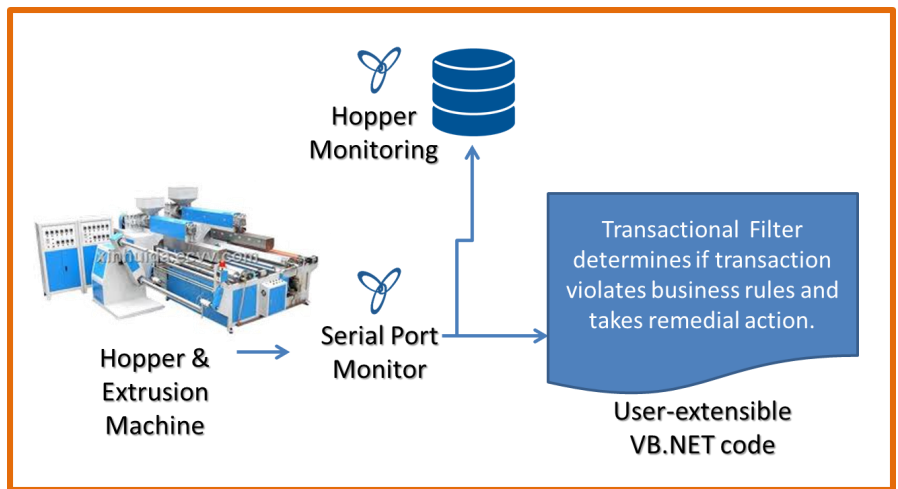
The customer had a need to gather real-time data from a manufacturing production hopper (shop floor equipment) built 20 years ago, and supporting a text file as its only real interface. The customer needed process information in real-time from the device for reporting, ordering, and other needs. It was not cost effective or practical to replace the hopper so a software solution to bring the outdated equipment into the new millennium was necessary.

The Solution

Missing Link Technology chose to use the serial port on the hopper as the interface. A Connectelligence service was built to monitor the hopper's output file in real-time to create the necessary reports and follow-up processing by capturing the flow rates in a captive file and sending them to the database.

The Connectelligence Service now automates follow-on transactions in response to the hopper's throughput, reserve, and other information. This effectively "computerizes" a legacy piece of equipment through just the use of its serial port. This provides legacy systems and devices with a modern transactional database. The database transactions can be used to help determine flow rates, efficiencies, order points and other production data.

With the ability to leverage equipment that is in place and productive, and updating them with new software technology and workflow best practices, the company realized increased productivity and much greater visibility into its production process which lead to lower costs, higher yield and improved efficiencies with the investment in new manufacturing equipment.



By adding a Connectelligence Service monitor to the serial port on the production hopper, data is updated in real-time and can be monitored as if it were computerized.

About Missing Link Technology

Missing Link Technology is a global company providing integration software throughout the United States and Europe. Headquartered in Austin, Texas, with offices in Turin, Italy, Missing Link Technology delivers solutions designed to increase productivity and reduce the cost of doing business. The Connectelligence® ESB enables businesses to acquire, integrate and automate data across the enterprise in real time. Connectelligence® is a registered trademark of Missing Link Technology.