

HARTING MICA Case Study - Asset Management for Machinery



Pushing Performance

People | Power | Partnership

The Application

An injection molding company needed to reduce the amount of time spent searching for tools and ensure that the tools were inserted into the correct machine. Inventory was managed manually by paper. This resulted in instances of tools being misplaced or scheduled for the same job. Sometimes, the wrong tool was inserted into a machine. This resulted in lost time when the wrong item was made or misaligned for the current program.

Our Solution

The company had all of their tools as well as all of the machines and gates equipped with antennas and readers. All of these tags and antennas were connected to and controlled by the HARTING MICA RF-R300 Reader. Unlike other RFID readers that can only translate the RFID data, the HARTING MICA RF-R300 reader could both read and process data directly on the machine in real time. This allowed the machine to pull the program associated with the tool right when the tool was inserted into the machine. With another solution, two pieces of hardware, a reader and another computer, would be needed to do what the HARTING MICA RF-R300 does. As a result of this solution, the company saw improved process and quality as well as a reduction in time and improvement of logistics flow.



HARTING MICA® RF-R300 Complete RFID Starter Kit

Learn more at: [HARTINGMICAStarterKits.com](https://www.hartingmica.com/starterkits)

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