

Radix Controls has built their business through a commitment to quality, customer service & building relationships for a complete understanding of a plant's operations. They design & build advanced solutions for manufacturing and stand behind them with responsive & effective customer support. Regardless of the size, scope or industry sector of your project, you can count on Radix Controls to put a cross-functional team at your service to design, build, program and install a solution that will immediately begin providing a rapid return on investment.

iOpen Factory is all about smart solutions linking factory data to the information highway.



iOpen Process Solutions based upon industrial control systems, like PLCs, HMIs, Safety controls, Motor controls, RFID, Fastening, Marking, Pneumatics & Hydraulics



iOpen Vision Integrated machine vision solutions for quality, traceability, gauging, 3D surface scanning, robot guidance and 3D tracking



iOpen Device Material handling, welding & application with robotics; vision based robot guidance & programming support

SMART SOLUTION:

FASTENER DATA COLLECTION

Industry & facility description

A "Big Three" automotive engine assembly plant with 24 hour just in time operation, building 4, 6 & 8 cylinder engines for North America vehicle assembly operation at a rate of 4,000 engines per day

Customer requirements

Integrate data collection system for automated nutrunner fastening operations
Integration into line controls & communication to plant information system
Quality control through reporting & data analysis
Rapid and efficient system installation & startup, with minimal production interruption

A Smart Solution from Radix Controls

Design & program customized data collection software application
Integrated Radix Controls "PowerFocus" communication driver
Integrated reporting & connection to plant information system
Coordinated installation & start up to ensure production schedules were un-affected
System training for operators, maintenance & engineering

Results

Data collection for fastener operations with 100% uptime



Serving the US midwest & southwestern Ontario from:

2105 Fasan Drive, Oldcastle, ON
Canada NOR 1L0
Voice. 519-737-1012
Fax 519-737-1810
www.RadixControls.com