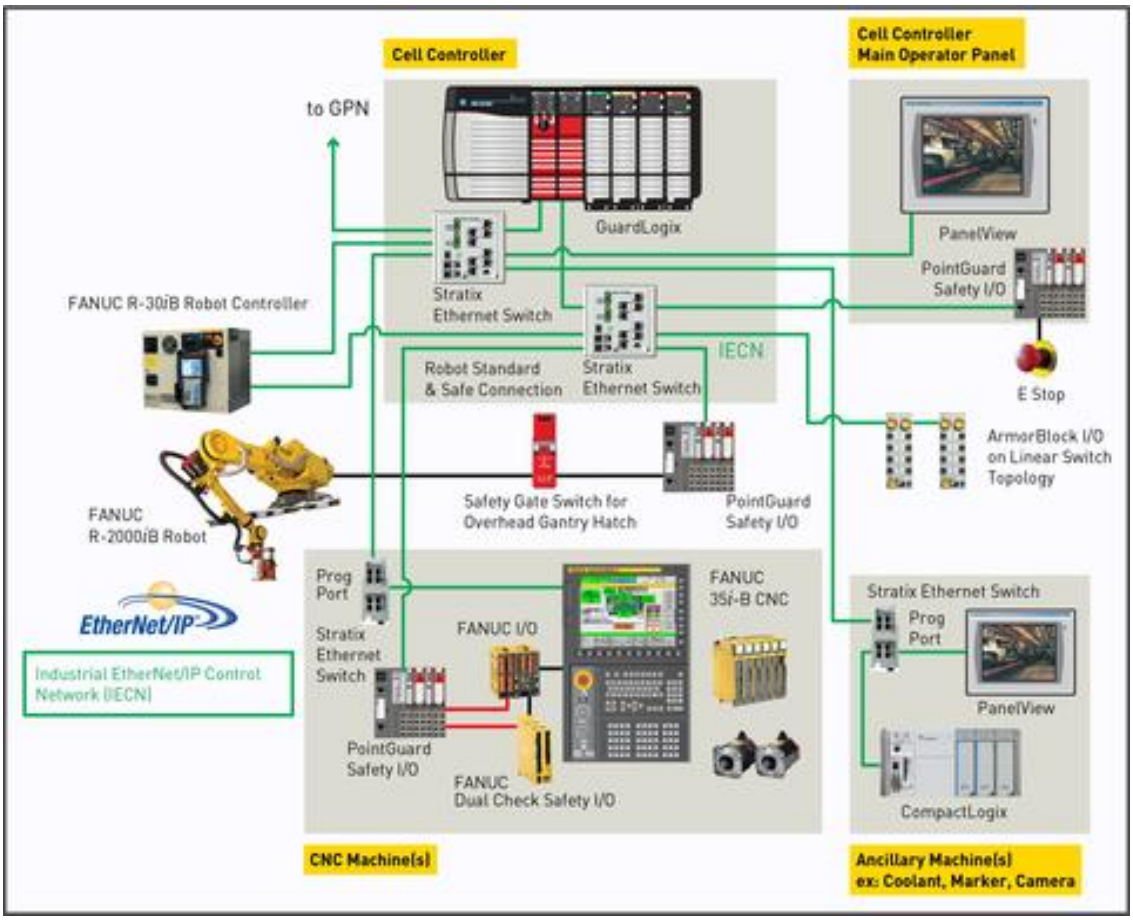
FANUC Unveils CNC & Robot Automotive Architecture with Connectivity to Rockwell's Automation Environment

FANUC



ROCHESTER HILLS, MI - (October 28, 2013) FANUC America unveiled a CNC and robot integrated automotive architecture demonstrating connectivity to Rockwell Automation programmable automation controller (PAC) environments for an easy, simplified automation solution at Automation Fair 2013.

As a result of the release of EtherNet/IP field bus connectivity for its Series 3xi-B CNCs, FANUC furthers our commitment to open interconnectivity of our CNCs to factory automation solutions. To demonstrate the simplicity of EtherNet/IP integration and connectivity, FANUC presents a newly integrated CNC and robot automotive machining cell architecture in conjunction with Rockwell Automation. The use of an EtherNet/IP network architecture will allow customers to leverage common tools and technology for device configuration and maintenance across CNC, robot and PAC cell environments. End-users and machine tool builders will benefit from a simplified architecture, improved productivity and actionable information across the entire manufacturing enterprise.

FANUC America will also demonstrate intelligent packing with its new LR Mate 200iD/7L mini-robot. The LR Mate 200iD/7L long-arm robot offers a slim design, 911 mm reach and a seven kg payload. The family of six-axis LR Mate 200iD robots is extremely lightweight and compact, specifically designed for high-speed and precision applications such as machine tending, material handling, assembly, picking, packing and material removal. The intelligent mini-robot features a four to seven kg payload, a slim arm with integrated power, signal, air, and flexible mounting (upright, invert and angle) for easy integration.

The LR Mate 200iD/7L will pick individual variety packs and place them into stackable totes using FANUC's iRVision's snap-on-the-fly feature. It also checks label presence and orientation on each variety pack by using iRVision's inspection feature with a second overhead camera. The cell will showcase the robot's six-axis articulation, payload, and reach capabilities to handle and stack the totes.

For more information, visit www.fanucamerica.com [1]

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