



FIELD system

Wireless IO OPC-UA



CONNECT



MONITOR



THINK



DRIVE

DESCRIPTION

SMC technology adds real value to FANUC's customers. The SMC Wireless Remote IO System with OPC UA enables IO information to be sent not only to the fieldbus machine control system, but also directly to the FIELD system. It provides the OPC UA data required for ERP, MRS and dashboard software integration directly from the remote IO station, with no need for protocol conversion.

The IO system can be configured to provide alarm outputs for cycle counts, to give customers a preventative maintenance edge to their business. With the direct OPC UA output, this data can be easily integrated into dashboard web clients for display purposes, as well as industrial connectivity for plc control.

KEY BENEFITS

- **Zero downtime** due to comms cable failure (high potential point of failure)
- Alarms and cycle counts shared to the FIELD system means **more predictability and increased productivity**
- System Health – end effector equipment data can be stored in the FIELD system database and utilised by other Apps to determine **system health checks**
- Quick and easy connection via OPC UA protocol **saving time**

KEY FEATURES

- Simple OPC UA integration into FIELD system
- Built in webserver for local or remote access of IO diagnostics
- Preventive maintenance measures can be analysed via FIELD system Apps
- 2.4GHz frequency band with frequency hopping technology – Making the system secure and robust
- Other FIELD system Apps can utilise the machine data for condition monitoring purposes or quality monitoring by learning standard production patterns

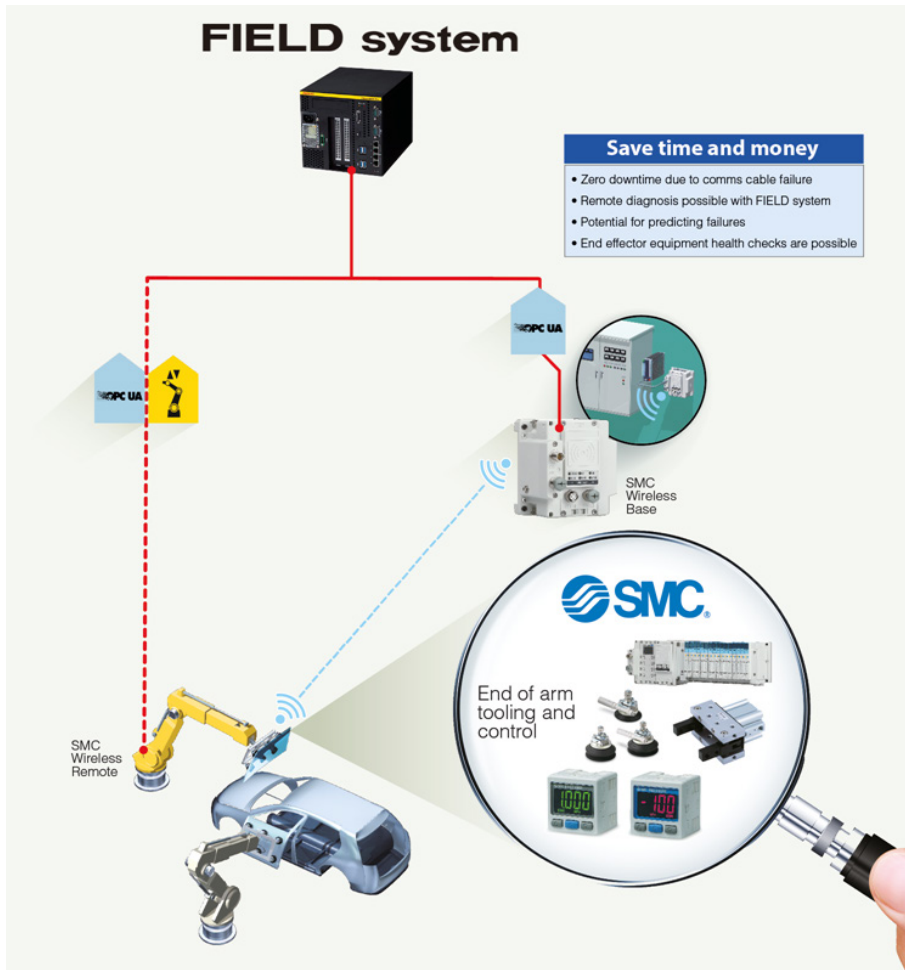


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APP PREVIEW



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