

ICON™

INTELLIGENCE AT THE POINT OF CONNECTION

ICON™ is an process automation enabling technology engineered to enhance and maximize our customer's testing process.

Integrating sensing and real-time data output into FasTest's industry-leading connection tools, ICON™ puts the power in the hands of users – or robots – to run smarter, safer, and faster tests. Improve testing quality and lower manufacturing costs with ICON™.

- Safe connections and reliable seals with connection verification
- Programmable to tailor to user's testing process
- Reduce False Failures by removing the connection point as a leak point
- Reduce cycle times with quick and accurate connections
- Real-time data and data logging provide process insight

Available in Discrete SSR Output and Analog Voltage Output



ICON™ Supports Multiple Levels of Process Automation



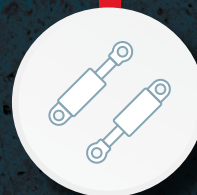
Full Automation

Multiple connectors are involved with the test such as the case with testing an internal combustion engine. One robot has to pick and place multiple connectors which will require the



Collaborative Robot ("CoBot")

When access to the port or tube requires a non-linear motion to place the connector, the connector is rigidly mounted to the end of a robotic arm.



Linear Actuator

Connectors are mounted on linear actuators. When the test part is positioned, the actuators move connectors into position. Upon actuation a "good connection/seal" signal is sent



Manual Operation

The operator manually places connectors, actuating either manually or pneumatically. With each good connection, the safety interlock instant green LED notifies the operator/PLC of

QUICK & EASY INTEGRATION



ICON™

System Overview:

CONNECTED

Green indication of a good connection.

RECONNECT

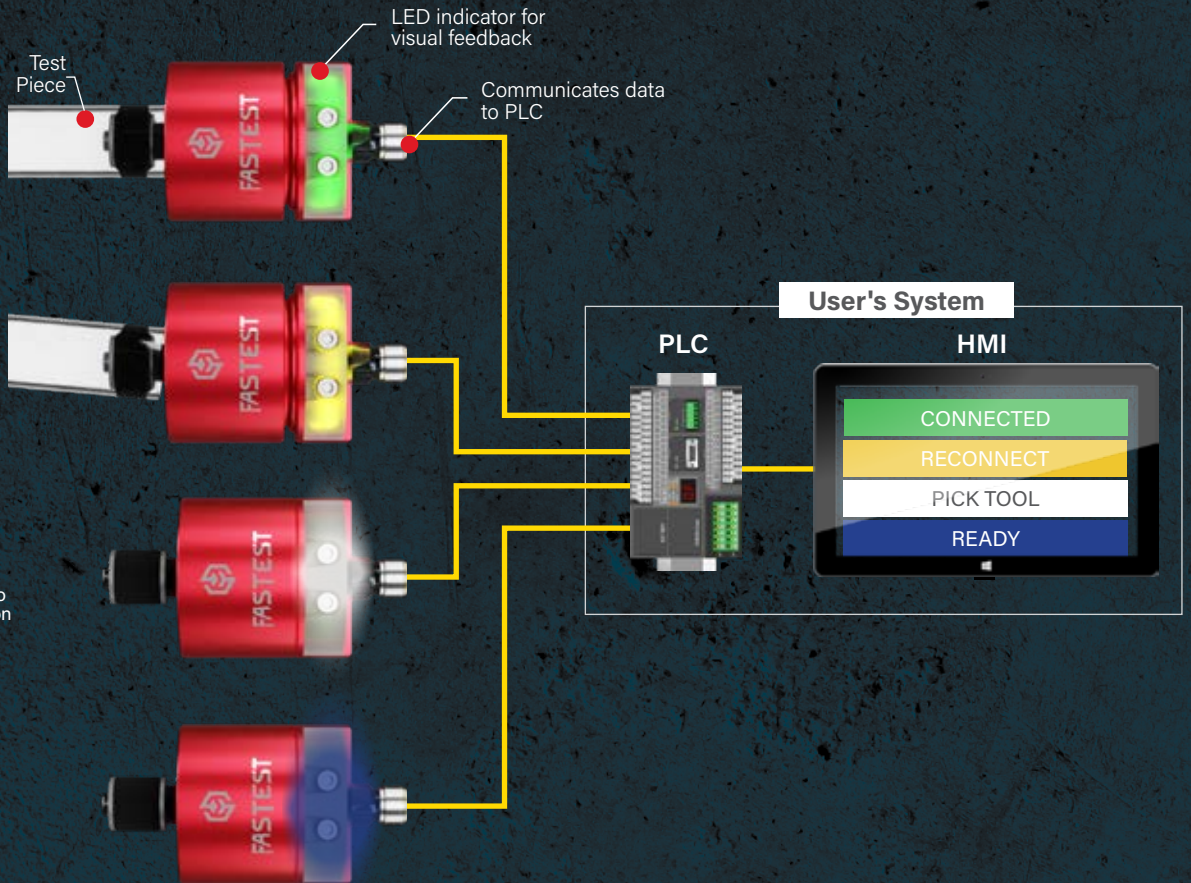
Recognize a connection issue before causing a false failure.

PICK TOOL

User controllable LED
Examples: signal operator to use specific tool or indication of a running test.

POWERED

Blue heartbeat indicates power is connected.



FOR MORE INFORMATION

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