

**FLUKE®**

Food and Beverage Solutions

Fluke can help you save time, manage processes and increase productivity

Today's food and beverage manufacturers operate in a pressure cooker. Keeping the lid on production costs and energy expenditures can be a daily challenge. Regulatory requirements, safety issues, and the demands of maintaining uptime add another layer of complexity.

Fluke has solutions to minimize waste, optimize equipment, prevent downtime and reduce energy consumption. Fluke tools are the industry standard against which other tools are measured.

Automation Controls Technician/Engineer

Issues faced:

- System configuration, optimization and analytics
- Minimization of system/line downtime
- Process and system integration
- Technology integration

Fluke solutions:

- Fluke Connect
- Process test tools
- Pressure gauges and calibrators
- Multifunction process calibrators
- Portable oscilloscopes
- Digital multimeters
- Power quality analyzers
- Clamp meters
- Vibration tester

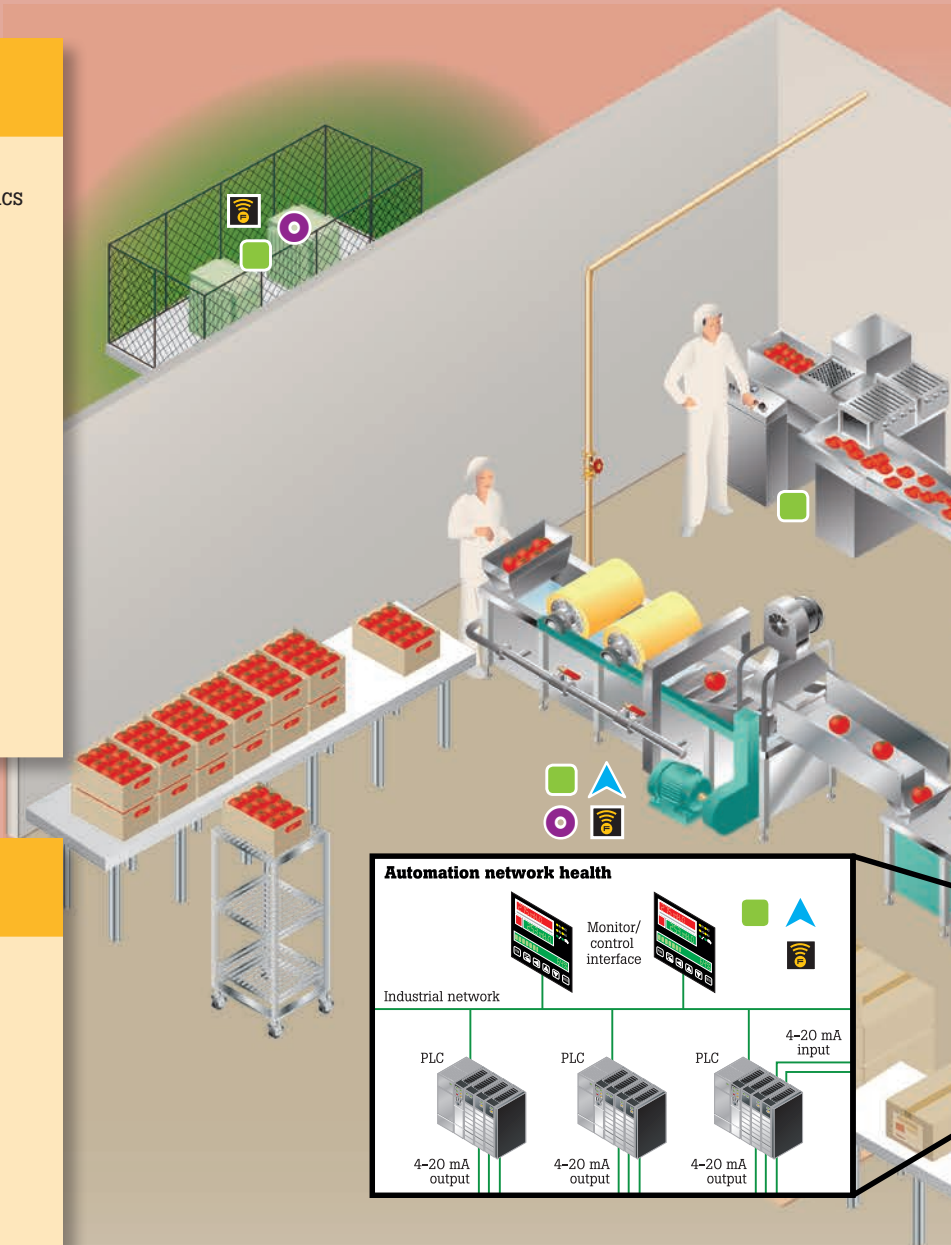
Electricians/ Electrical Engineers

Issues faced:

- Efficient, consistent power delivery
- Power installation and reworks
- Troubleshooting electrical equipment

Fluke solutions:

- Fluke Connect
- Process test tools
- Power loggers
- Power quality analyzers
- Digital multimeters
- Insulation multimeters
- Infrared thermometers
- Thermal imagers



Food and beverage processing

Process Calibration Tools			Electrical Test Tools				
Multifunction process calibrators	Pressure gauges and calibrators	Process test tools	Power quality analyzers	Portable oscilloscopes	Power loggers	Clamp meters	Insulation multimeters
 754 726	 700G 729	 773	 430 Series II	 190 Series II	 1738	 376 FC	 1587 FC

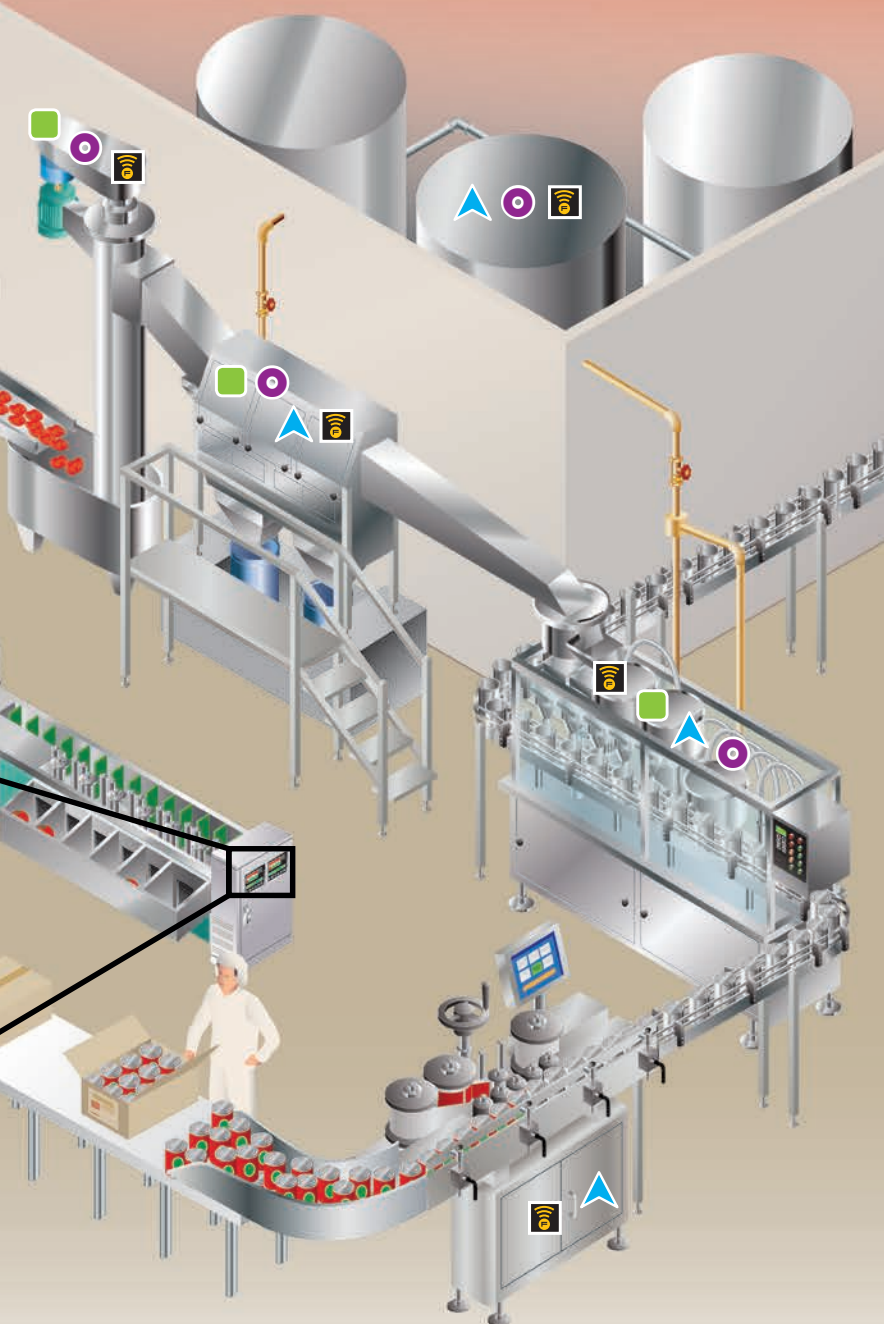


Diagram is not intended to be an exact representation.
Diagram components are not to scale and are for illustration purposes only.

Maintenance Manager

Issues faced:

- Ongoing demand to reduce operating costs
- ROI of resources
- Increasing plant productivity

Fluke solutions:

- Fluke Connect
- Indoor air quality
- Power loggers
- Power quality analyzers
- Digital multimeters
- Thermal imagers

Mechanics/Maintenance Technicians

Issues faced:

- Troubleshooting equipment
- Servicing complex systems and machinery
- Electro-mechanical installation and maintenance

Fluke solutions:

- Fluke Connect
- Indoor air quality
- Digital multimeters
- Clamp meters
- Insulation multimeters
- Infrared thermometers
- Vibration tester
- Thermal imagers
- Alignment tool

Learn how Fluke solutions can save you time and money while increasing your productivity at www.fluke.com.

Infrared and Vibration Tools						Air Quality	Software
Digital multimeters	Thermal imagers expert	Thermal imagers professional	Infrared thermometers	Vibration tester	Alignment tool	Indoor air quality	Maintenance software
87V	TiX560 Series	Ti400	568	810	830	975	Fluke Connect®

Recommended food and beverage solutions

Fluke Connect

Best suited for:



- Simplifying preventive maintenance programs
- Seamlessly integrating tool data into software
- Diagnosing asset health in the field
- Cloud-based data sharing



Thermal imagers

Best suited for:



- Detection of "hot spots" on motors, pumps, VFDs, bearing and conveyor belts
- Monitoring refrigerator and freezer compartments
- Inspection of power distribution, fuse boxes, insulators, transformers and other electrical system components
- Assuring temperature tolerances during transportation of perishables



Vibration tester

Best suited for:



- Predictive and condition-based maintenance
- Identifying root cause and diagnosing severity of machine's condition
- Prioritizing critical repair and replacement options
- Use with motors, pumps, fans, compressors, belt/chain drives, gearboxes and spindles



Process test tools

Best suited for:



- Maintenance and calibration of process instruments and control system I/O
- Measuring, sourcing and simulating 4-20 mA control loops



Power quality analyzers

Best suited for:



- Troubleshooting and preventing problems in power generation, transmission and distribution systems
- Conducting load studies to reduce energy usage
- Use with motors, pumps, generators, transformers, compressors and electrical panels



Insulation multimeters

Best suited for:



- Insulation resistance tests
- Troubleshooting and preventive maintenance



Fluke. Keeping your world up and running.®

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