

# STERLING

## ENGINEERING SOLUTIONS

**Email:** Sales@SterlingES.com

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**Fax:** 1-540-375-0924

**Web:** www.SterlingES.com

**Controls and Communications**  
*Backed by Engineers, Experience and Training*

### SCADA – CONTROLS – TELEMETRY – ETHERNET



- Industrial Wireless LAN and Cellular Modems
- Industrial Ethernet Solutions
- Device and Terminal Servers
- Industrial I/O and RTU's



- Panel Meters
- HMI's
- Message Centers
- Temperature Control



- Ethernet and Serial Modbus I/O
- RTU's for SCADA
- Bluetree Cellular Modems
- Ethernet Switches and Fiber Converters



- 900 MHz FHSS Ethernet/Serial Data Radios
- VHF/UHF Licensed Ethernet Data Radios
- Ethernet and Serial Cellular Modems



- Wireless I/O for discrete and 4-20mA signals
- Wireless data radios for SCADA applications



- SCADA/HMI solutions for small scale to enterprise level systems
- CitectSCADA Reports for compliance, optimization and downtime control



- Distributed Control Systems and PLC's



- TopView Process Alarming Tool communicates with PI and OPC
- TopView Windows can monitor hundreds of tags and send alarm messages through email, pagers and cellular phones.



- Operating panel and PLC integrated into a single, powerful device
- Rugged, affordable alternative for micro to medium size systems



- PTZ, IR and Thermal Video and Process Monitoring Systems
- Industrial and ActiveX Video

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**Sterling Engineering Solutions is a certified Woman-Owned, Small Business.**

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### Process Measurement – Safety Gas Detection

	<ul style="list-style-type: none"><li>• Magnetic Flow Meters</li><li>• Microwave Density Meter</li></ul>
	<ul style="list-style-type: none"><li>• Wireless Sensor Networks</li><li>• Machine Safety</li><li>• Vision</li><li>• Indicator Lights</li></ul>
	<ul style="list-style-type: none"><li>• Networks/Fieldbus</li><li>• Process Connectivity</li><li>• Encoders and Sensors</li></ul>
	<ul style="list-style-type: none"><li>• High Performance Inverters</li><li>• Variable Torque Inverters</li><li>• HMI's</li></ul>
	<ul style="list-style-type: none"><li>• High quality standard and custom temperature sensors</li><li>• Thermocouples &amp; Thermowells</li><li>• RTD's</li><li>• Temperature Accessories</li></ul>
	<ul style="list-style-type: none"><li>• Simple to sophisticated, non-contact infrared temperature sensors</li><li>• Thermal imaging cameras – handheld or fixed placement</li></ul>
	<ul style="list-style-type: none"><li>• Flow Measurement</li><li>• Level Measurement</li><li>• Pressure Measurement</li><li>• Temperature Measurement</li></ul>
	<ul style="list-style-type: none"><li>• Inline and insertion vortex shedding</li><li>• Flow Meters for Liquid, Gas, Steam</li><li>• Deliver Multiple Measurements with a Single Installed Device</li><li>• Mass Flow, Volume Flow, BTU Flow</li></ul>
	<ul style="list-style-type: none"><li>• Ultrasonic Transit Time Flow Meters</li><li>• Wireless Ultrasonic Flow Meters</li><li>• Solar Powered Ultrasonic Flow Meters</li><li>• BTU Meters</li></ul>
	<ul style="list-style-type: none"><li>• Thermal Gas Mass Flow Meters</li><li>• Averaging Gas Mass Flow Meters</li></ul>
	<ul style="list-style-type: none"><li>• Analytical Sensors and Transmitters for:<ul style="list-style-type: none"><li>• pH, ORP and DO</li><li>• Conductivity and Resistivity</li></ul></li></ul>
	<ul style="list-style-type: none"><li>• Fixed gas detection systems for:<ul style="list-style-type: none"><li>• Toxic – Oxygen – Combustibles</li></ul></li></ul>