



SignUp LED Power Monitor

Simple, Low-Cost, 7/24 Signage Monitor

SignUp Components



Electronics Enclosure



VCP Sensor

- ✓ 7/24 Signage Real-Time Monitor
- ✓ Familiar In-Line Sensor Connection (just like an LED driver)
- ✓ Per-Segment Power Monitoring
- ✓ Within-Segment Error Detection
- ✓ Simple Email Alerts
- ✓ No Accounts Required at Signage Customer
- ✓ Cellular, ZeroIT Configurations Available

Applications

- Higher Value Sign Kits
- Feature-Rich Retrofits
- Safety Lighting Monitoring
- Remote Signage Monitoring

Benefits

- Product Differentiation
- Product Revenue
- Service Revenue
- Maintenance Revenue

Part Numbers and Key Specifications

Part	Description	Key Specifications and Features	Number Req'd per Sign
170004	VCP (Voltage, Current, Power) Sensor	0-36VDC, 0-15A, -40-85°C, 2500V Isolation, 60A Burst Over-Current Protection (500ms), 5mA Current Resolution, 5mV Voltage Resolution	1 to 16
170005	VCP (Voltage, Current, Power) Multiplexer	Connect up to 16 VCPs, Standard RJ45 VCP Connectivity, 50 ft Drive Distance, Auto-Detect VCPs (Plug-and-Play), On-Board and Off-Board LED Indicators and Function Buttons	1
170006	SignUp IoT Module	ARM Processor, Microsoft Azure IoT, Ethernet (connect directly to network or LTE modem), Wi-Fi, Auto VCP Calibration, Smart Phone Access to Real-Time Voltage, Current, Power	1
170007	Monthly IoT Access/Email Alerts	Register Email Address, Get Sign Alerts	1
170008	LTE Modem + Antenna	Optional Zero IT Feature, SignUp -> Cell Tower	Optional
170009	Monthly Cellular Connectivity	Optional Cellular Access (required with 170008)	Optional

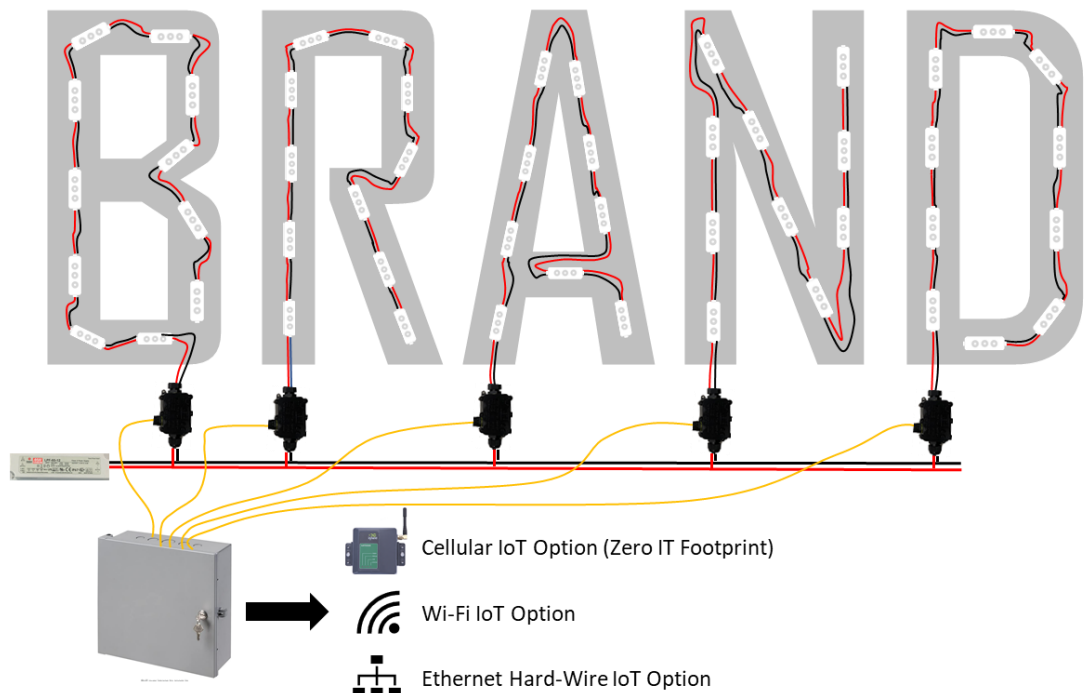
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SignUp "Macro" View



SignUp Sign View

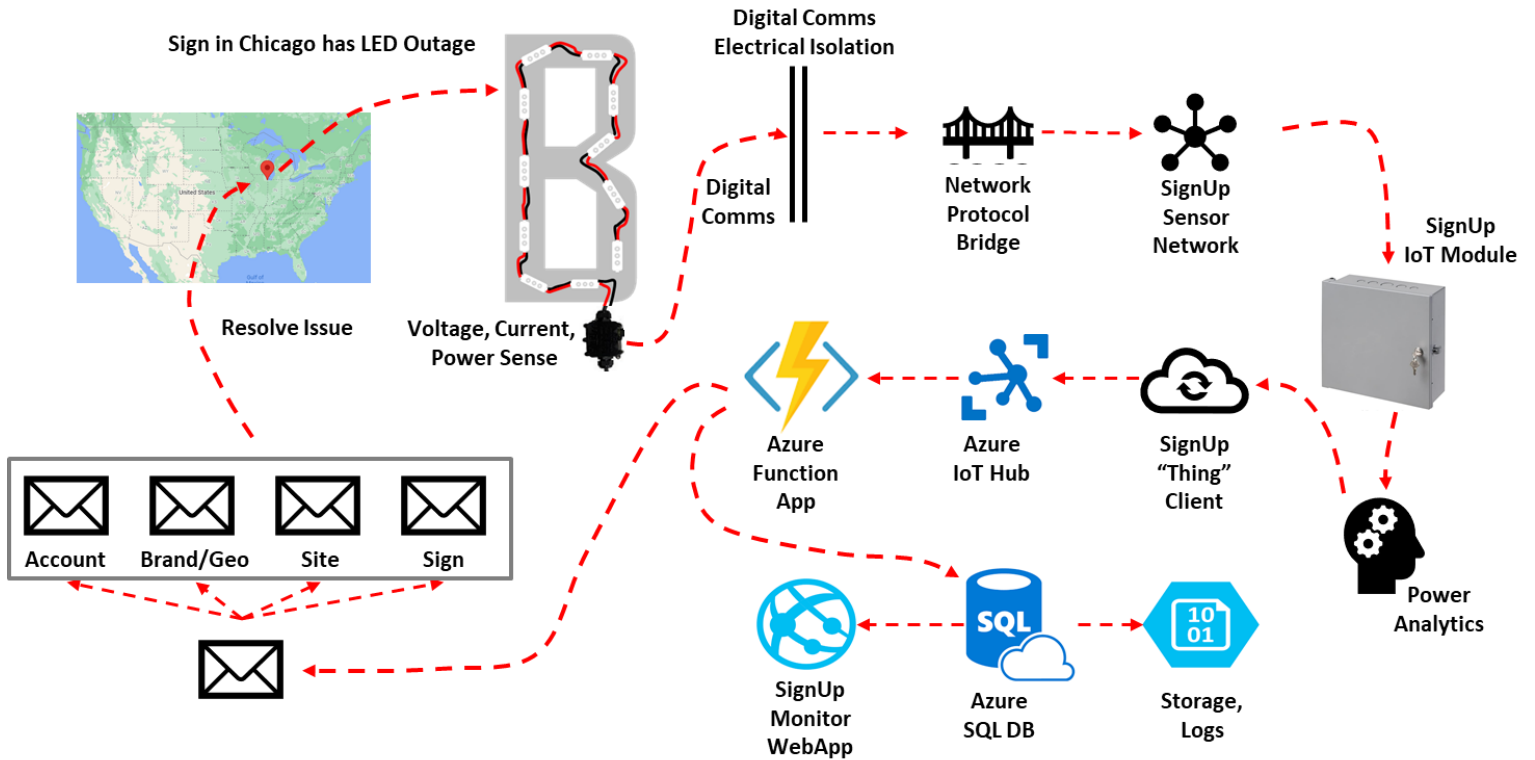




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SignUp Behind the Scenes View:
Outage to Email alert in less than 5 seconds



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