



# TYRION

INTEGRATION

SIMPLE ● SECURE ● SOLUTIONS

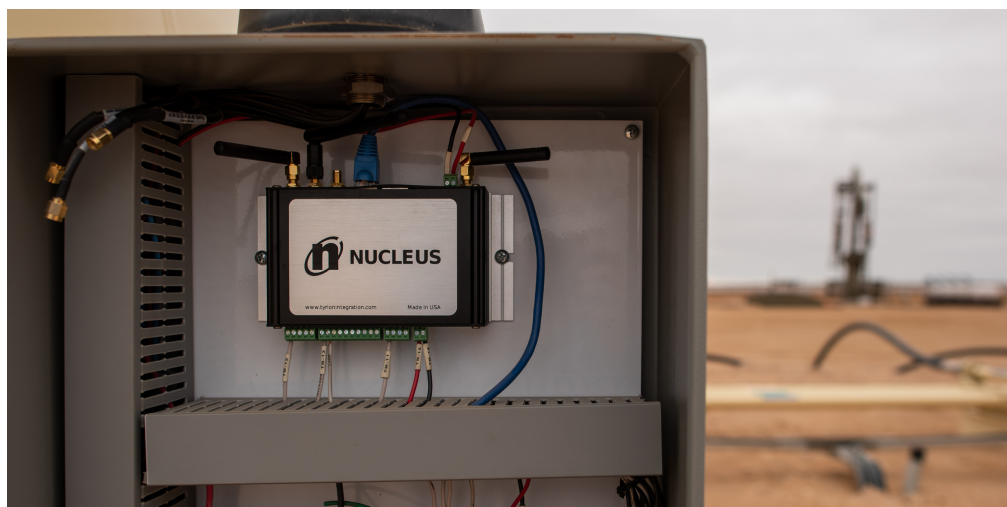
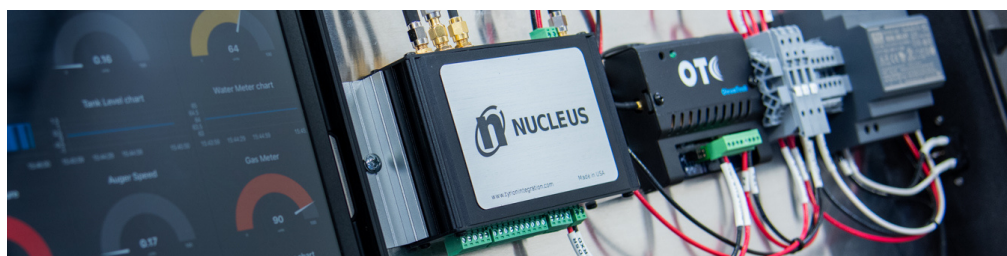
contact@tyrionintegration.com

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## NUCLEUS

### AN INNOVATIVE AND SECURE APPROACH TO CONTROLS AUTOMATION

With its ease of use and highly-compatible nature, NUCLEUS offers a simple solution to the challenges of traditional SCADA systems.



**REAL-TIME**  
**MONITORING & CONTROLS**

**RELIABLE**  
**CELLULAR & WI-FI**  
**READY**

**CLOUD-COMPATIBLE & SCADA-DIVERSE**





**THE MOST SECURE INDUSTRIAL IOT SOLUTION,  
SIMPLIFYING YOUR CONNECTION BETWEEN  
YOUR PROCESSES AND YOUR BUSINESS.**

## EDGE-TO-CLOUD SOLUTION

### INTELLIGENCE

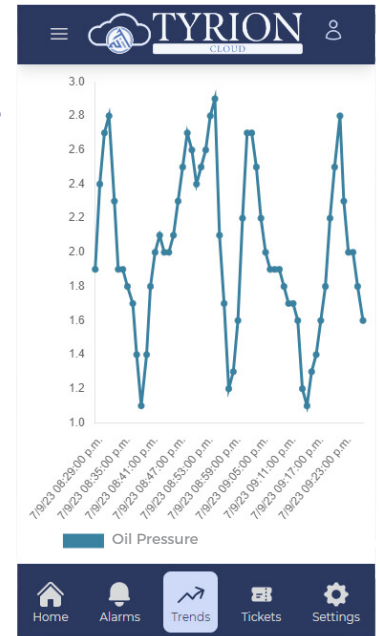
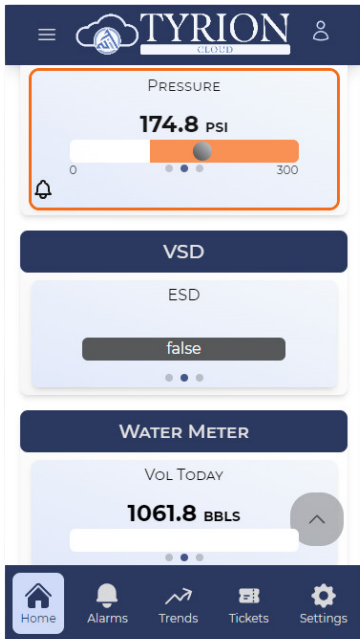
at the edge of your control system takes  
decision-making off of your central  
SCADA system

### INFORMATION

at your fingertips helps you manage  
operations and respond quickly  
to notifications

### INDUSTRIAL

strength for your complex processes  
to help you stay in control  
of your business



- ✓ **PLUG-AND-PLAY OR PERSONALIZE**
- ✓ **UNPARALLELED CYBERSECURITY**
- ✓ **STORE-AND-FORWARD DATA**



AT&T, Verizon, or T-Mobile

Power	Input Voltage: 12-30VDC Consumption: 3.5W Avg, 5W max Circuit Protection: 30.5VDC or 2.24A trip	External	Aluminum; 5.25" x 3.15" x 1.37" Mount: Flat or DIN-Rail Clip 0°C to 60°C; LED Indicators
Inputs & Outputs	Digital Inputs: 10 Channels; Active 3-30VDC Digital Outputs: 5 Channels; Relay, 2A max Analog Inputs: 4 Channels; 4-20mA or 0-5VDC; 16-bit	Internal	ARM Cortex A7 Dual @ 1GHz Processor 1GB DDR3L RAM; 16GB eMMC Flash Memory Micro SD Expandable Flash Memory
Serial & Ethernet	USB 2.0 & RS-485; Dual 10/100 Mbps Ports	Firmware	3.0.10 or higher; OTA updates