

Overview

Since Uptime-PRO™ is subscription based, you only need to have your technical and/or IT personnel set this up on the front end, once. After set up is complete, you will have ongoing access to Uptime-PRO monitoring and reporting from anywhere, anytime, for a low monthly price. Aside from setting up additional machines, all system and software upgrades are provided automatically at no cost as long as your subscription remains active.

How It Works



Subscribe to Uptime-PRO

One subscription per WAN or LAN (per firewall). One subscription can cover multiple buildings as long as they are under the same firewall.



Configure System

Uptime-PRO recommends an ACER Veriton N260G, with Windows OS, or equivalent, or any existing host computer on the same network. You configure the web application with departments, machines and alert timers.



Connection Machines*

- FANUC *i* Controls – no hardware if FOCAS libraries are on
- Haas – RS232 connection to a serial I/O adapter
- All other PLC or CNC machines use a digital I/O adapter

* 100% reconfigurable and self managed.



Generate Reports

All data, reports and information are accessible from any web enabled device. All raw data is exportable.



Access to Secure Servers

Secure web application and data servers store the data, generate reports, and send alerts and emails. Data is archived for 25 months.








General Information & Requirements

You will need:

- Internet access at each machine
- Firewall
- Host PC as collector computer
- Data collector modules
- Name and IP address of the collector computer
- Determine who will be Uptime-PRO administrator at your company



Installation times are approximately 45-60 minutes per machine for the 1st machine and 30 minutes for duplicate machines.

Hardware/Equipment Requirements (not including networking cable or hardware)

Data Gathering Device		<p>Uptime-PRO recommends an ACER Veriton N260G, Windows OS, or equivalent, or any existing host computer on the same network with minimum of 1 GB disk space. Approximate retail price is \$400.00 each. Uptime-PRO will load all software, configure the application and settings, and will install at the customer's site for \$600.00* each.</p>
B&B ESP901 Device		<p>B&B ESP901 device with 20 ga. wire, contact assemblies and a crimp tool along with standard electrical hand tools for installation for Haas machines. Approximate retail price is \$160.00 each. Uptime-PRO will program the device setting, wire the power cord and install the device for \$400.00* each.</p>
Connector		<p>Molex 3-pin connector for B&B ESP901 connection.</p>
ADAM-6052 Digital I/O Device		<p>ADAM-6052 digital I/O device with 14 ga. machine tool wire (four colors) along with standard electrical hand tools for installation for all other CNC machines. Approximate retail price is \$220.00 each. Uptime-PRO will program and wire the device and install it on the machine for \$700.00*.</p>
Cables		<ul style="list-style-type: none"> • Serial cable DB9 female to DB25 male (Black Box p/n EVMTBPC-0010) for Haas machines. • Standard RJ-45 ethernet cable and connections are used on all devices.

* Installation rates do not include travel time or per diem for installation personnel.

Machine Compatibility & Connection

FANUC Machines 	<p>FANUC <i>i</i> Series controls with the FOCAS libraries activated require no additional hardware. To determine if the FOCAS libraries are active, Uptime-PRO has developed the FOCAS Library Detector – a custom application that is downloadable from the web site. If the FOCAS libraries are off they can be activated by the machine dealer or an ADAM device can be used to collect the machine conditions.</p>
Haas Machines 	<p>Haas machines with “machine data collect – serial I/O”: A three pin Molex connector provides power, turn machine function #143 on and mount/wire an B&B ESP901 device inside the panel. Internet addressing of the serial device server is required prior to installation using the software provided with the device. B&B ESP901s are approximately \$160.00 each, cables are approximately \$20. Older model Haas machines may require an ADAM device to collect the machine conditions.</p>
All Other CNC and Legacy Machines	<p>All other CNC brands, PLC-controlled and “legacy” machines can be monitored with the ADAM-6052 digital I/O device mounted and wired inside the panel. Internet addressing of the digital I/O device server is required prior to installation using the software provided with the ADAM devices. ADAM devices require 14 ga. machine tool wire (four colors) along with standard electrical hand tools for installation. Approximate retail price is \$220.00 each.</p>