

widget

Wireless Data Gathering Enhanced Technology

brisk

ENGINEERING





Wireless Data Gathering Enhanced Technology

Brisk provides solutions for:

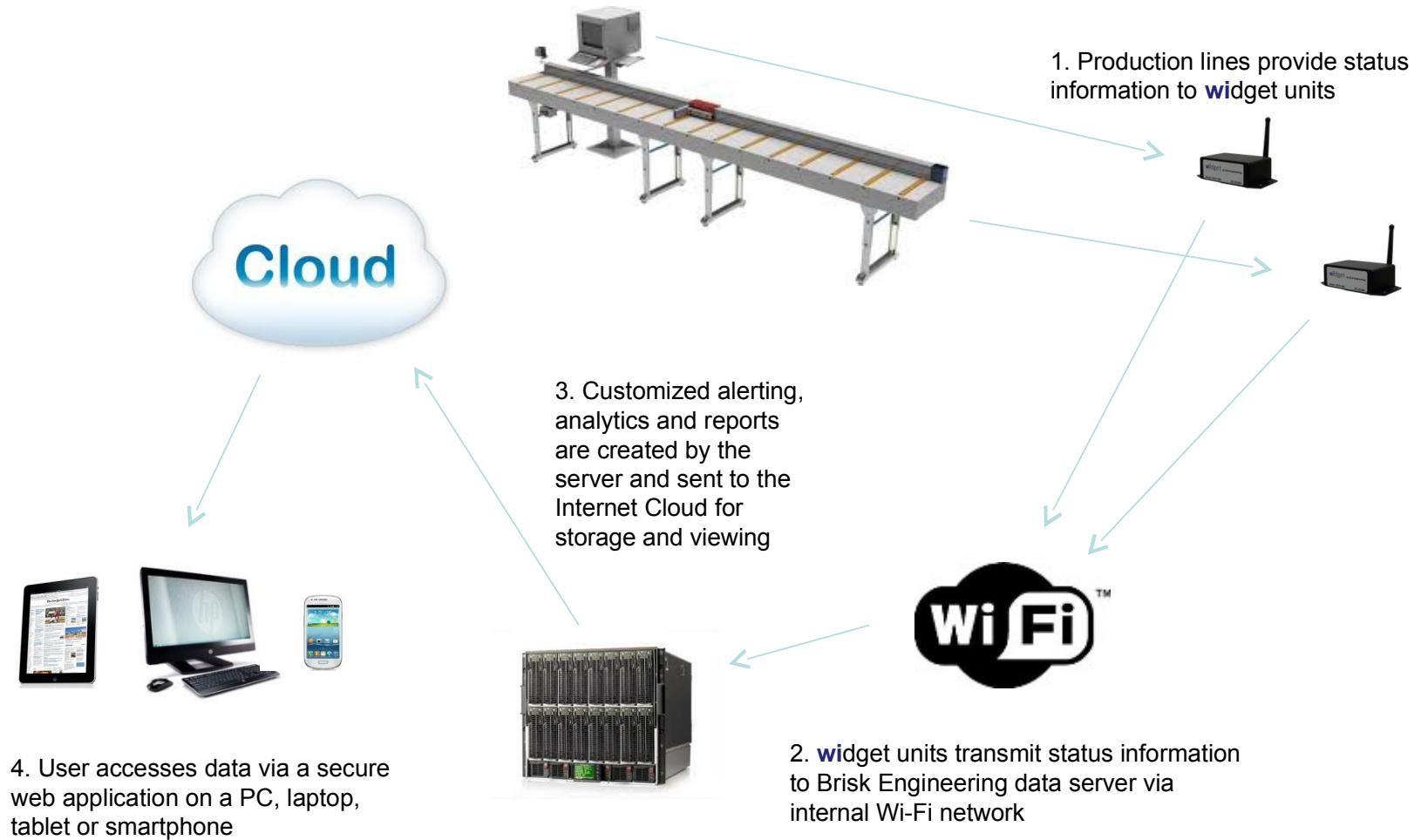
- Manufacturing & Production Monitoring
- Remote Asset Management
- Fleet Transit Solutions

Our solutions will:

- **Help** manage your assets and resources
- **Reduce** your operating costs
- **Create** revenue generating opportunities
- **Increase** net income

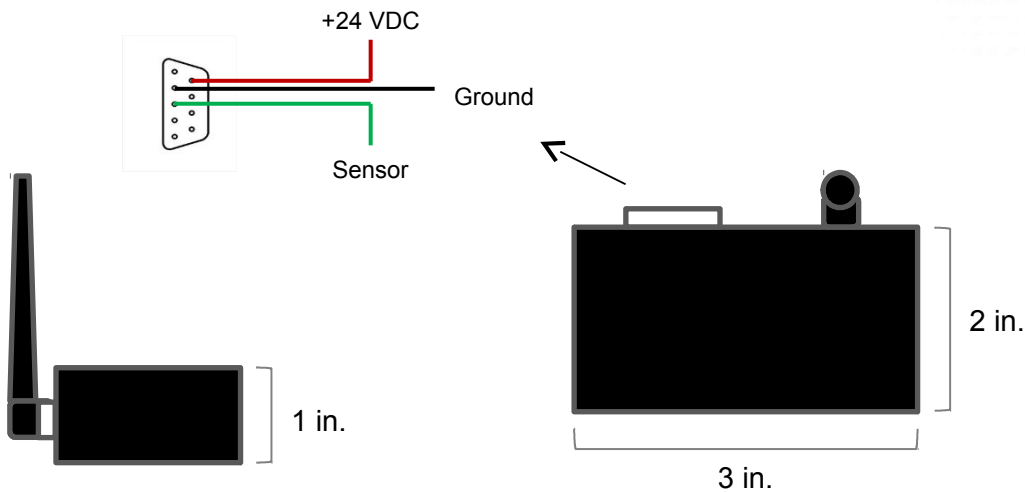
Brisk Engineering is committed to being a partner, not just a vendor!

How the Solution Works



□ Features

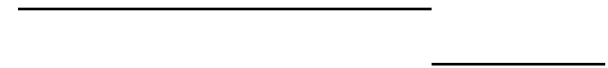
- ✓ 802.11 b/g/n
- ✓ 8 digital general purpose I/O (GPIO)
- ✓ 3 analog I/O
- ✓ Real-time clock for wakeup and time stamping
- ✓ Built-in TCP/IP, UDP stack and client
- ✓ Support for WEP, WPA and WPA-PSK security
- ✓ Built-in apps: DHCP, DNS, UDP, telnet, FTP, HTML
- ✓ Support for wireless ad hoc mode



Pin	Function
1	RS-232 Rx
2	RS-232 Tx
3	Sensor
4	Ground
5	Ground
9	+24VDC Power
6,7,8	Additional sensors

❑ Constant Voltage

- ✓ This implementation is best suited for monitoring conditions that are always ON (+24 VDC) or OFF (0 VDC)
- ✓ e.g. Input power to a line or key component



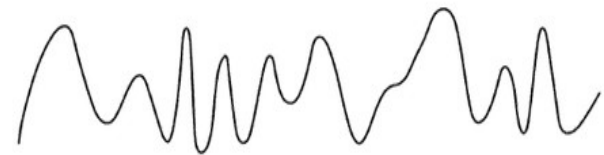
❑ Pulse Voltage

- ✓ This implementation is best suited for monitoring conditions that typically involve manual motion
- ✓ e.g. Moving a lever or other mechanical part to complete a task



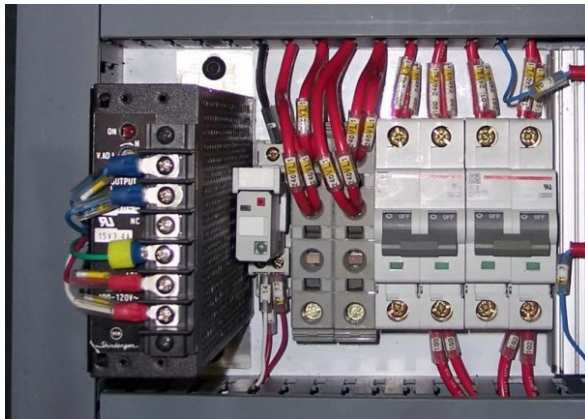
❑ Analog Voltage

- ✓ This implementation is best suited for monitoring conditions that are connected to sensors that collect analog signals
- ✓ e.g. Voltage, temperature, humidity, etc.



Installation

- ❑ Requirements
 - ✓ +24 VDC power to operate the unit
- ❑ Location
 - ✓ Installed in a location with adequate Wi-Fi signal strength
 - ✓ Typically mounted on the control or electrical panel of the line being monitored

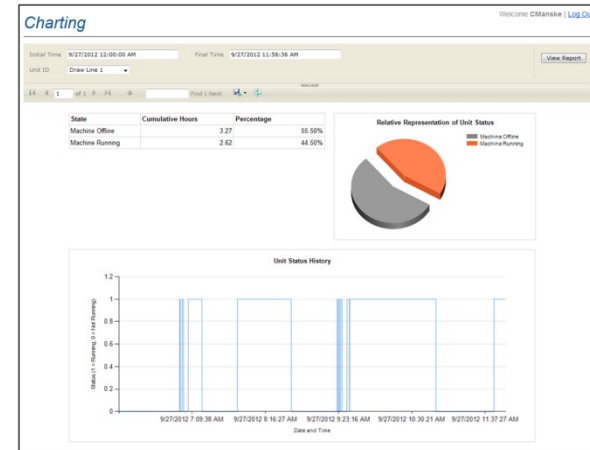


Configuration

- ❑ Wi-Fi Network
 - ✓ SSID
 - ✓ Encryption password (if required)
- ❑ Unit
 - ✓ Application type (input signal)
 - ✓ Sampling rate
- ❑ Calibration
 - ✓ Voltage thresholds



- ❑ Threshold Alerting
 - ✓ Custom defined alert thresholds
 - ✓ Automated escalation points
 - ✓ Integrate with external systems
- ❑ Charting
 - ✓ Graphical representation of key metrics
 - ✓ Time series
 - ✓ Event counts / triggers
- ❑ Reporting
 - ✓ Key Performance Indicators
 - ✓ HR management
 - ✓ Employee / Job performance
 - ✓ Material and inventory usage



BANKER+WIRE
YOUR WIRE WIRE AUTHORITY

nSTAT
powered by **brisk**

Registration | Dashboard | Reports | List of Jobs | Charting | Alerts | About

Enter Time Frame for the Performance Reports: Start Time: End Time: Welcome CManske | [Log Out](#)

Job Codes

Job	Diameter	Material	Start Time	End Time	Total Hrs	Uptime	lbs / Hr	Efficiency%	# Stops	# Stops / Hr	Status	Employee Name
083990	0.162	Low Carbon	Sep 20 2012 1:34PM	Sep 25 2012 1:51PM	33.83	10.44	6071.79	30.85	52	1.54	Signed Out	George Maciosek
084107	0.375	Low Carbon	Sep 20 2012 11:43AM	Sep 20 2012 1:33PM	1.83	1.23	83451.37	66.99	3	1.64	Signed Out	George Maciosek
084826	0.135	Low Carbon	Sep 25 2012 1:52PM	Sep 27 2012 11:43AM	11.57	7.66	0.00	66.19	27	2.33	Running	George Maciosek

Employees

Employee	Total Hrs	Uptime Hrs	Efficiency%	# Stops	# Stops / Hr
George Maciosek	47.24	19.33	40.91	82	1.74

Lines

Line	Total Hrs	Uptime Hrs	Efficiency%	# Stops	# Stops / Hr
Draw Line 1	47.24	19.33	40.91	82	1.74

Wire Diameter

Wire Diameter	Material Type	# Jobs	Total Hrs	Efficiency%	# Stops	# Stops / Hr	lbs / Hr
0.135	Low Carbon	1	11.57	66.19	27	2.33	0.00
0.162	Low Carbon	1	33.83	30.85	52	1.54	6071.79
0.375	Low Carbon	1	1.83	66.99	3	1.64	83451.37

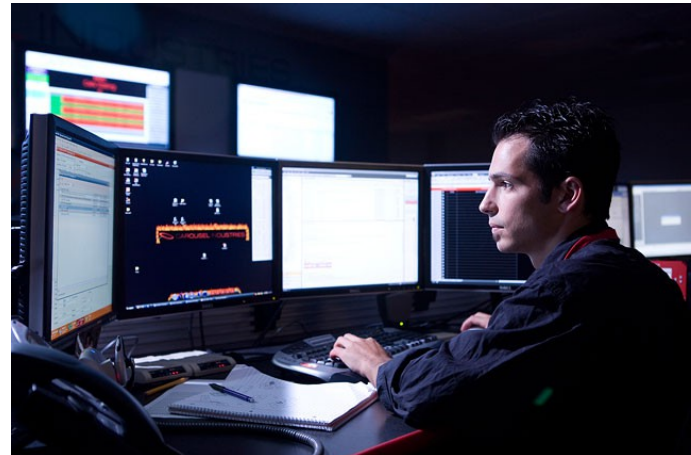
Monitoring Services and Support

❑ 24x7x365 Network Operations Center (NOC)

- ✓ 8/16/24x7 live monitoring services
 - noc@briskengineering.com
 - 866 GO-BRISK
- ✓ Diagnostics and troubleshooting
- ✓ Ticketing, escalation and reporting

❑ Technical Support

- ✓ 24x7 phone and email support
 - support@briskengineering.com
 - 866 869-4000 x411
- ✓ Hardware and software troubleshooting



Key Benefits

❑ Visibility

- ✓ Continuous real-time status of all machines
- ✓ Capture machine performance
- ✓ Inventory control reporting
- ✓ Identify sales cycling / timing trends



❑ Ease of Use

- ✓ Simple installation and setup
- ✓ Web based application – no software to install
- ✓ Simple user interface
- ✓ Custom alerting
- ✓ Escalation alarming
- ✓ Custom reporting
- ✓ Electronic record keeping



❑ Low Cost and Fast ROI

- ✓ Minimal hardware cost
- ✓ Units are transferrable
- ✓ Nominal monthly recurring service fee