

Bullhorn SDT16 Remote Monitor



The SDT16 remote monitoring unit empowers oil and gas industry customers to make fast, cost-effective operating decisions about their most valuable assets by measuring and communicating critical data about that asset. It monitors gas compressors, electronic flow meters (EFM), and more. The SkyWave-Inmarsat geostationary satellite network is used for one-way, global, low-latency communications. The unit reads and transmits other critical information such as alarm codes, runtime, pressures, and temperatures.

Remote Monitoring For:

- Gas Compressors
- EFMs (Electronic Flow Meters)

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Key Benefits

Rugged

The unit can withstand off-harsh working conditions and corrosive environments.

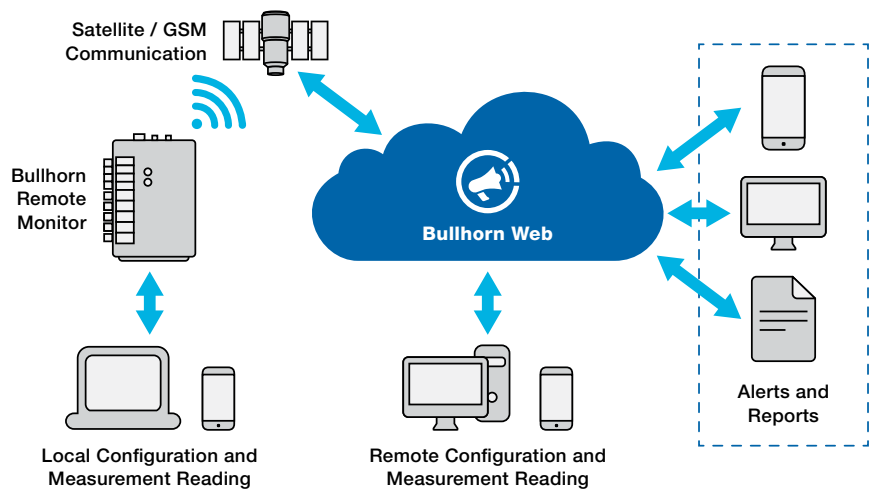
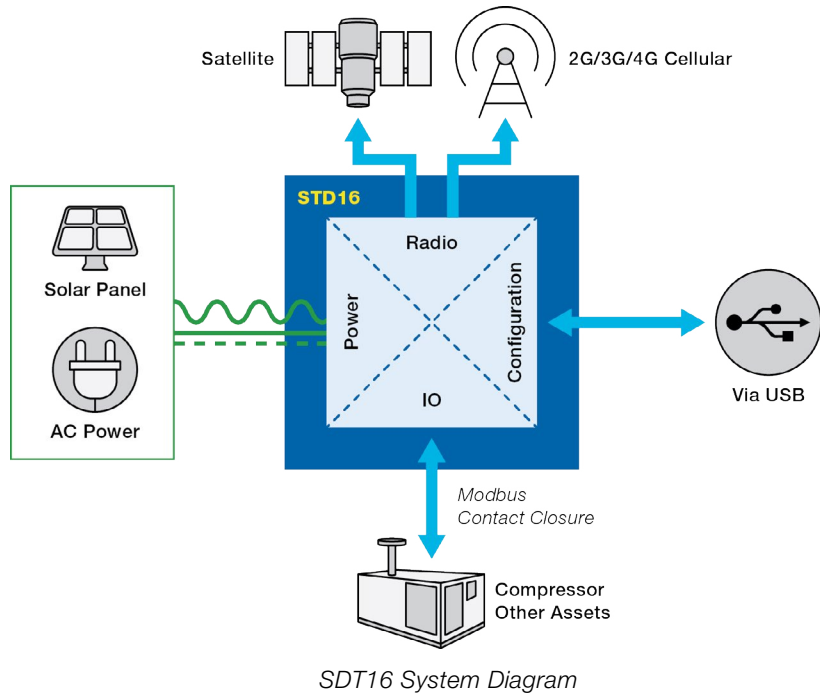
Comprehensive

Reads and transmits other critical information such as alarm codes, runtime, pressures, and temperatures.

Flexible

Regardless of location, the most cost effective and reliable communication method can be used. Supports data communication via satellite or GSM cellular networks.

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Bullhorn Communications Architecture

Bullhorn SDT16 Specifications

Inputs

User selectable inputs:

Up to sixteen 6-digit register readings, eight 12-digit register readings, or a combination of both via RS232 direct connection

One digital alarm input, contact closure

Protocols: Modbus (RTU or ASCII)

Communications

Three models available:

- SkyWave – Inmarsat satellite
- Orbcomm Satellite
- Cellular GSM

Software Interface

Bullhorn Web

AI network operations center

Power Supply

Sealed lead-acid gel battery with solar or AC charger

Dimensions

Satellite unit: Polycarbonate box enclosure (8.5" x 6.5" x 4 .5")

GSM unit: Polycarbonate box or anodized aluminum can (3.66" x 5.5" w/o antenna)

Data Integrity

Data stored in non-volatile (EEPROM) memory.

Environment

Temperature: -30° C to +70° C

Humidity: 0-100% non-condensing

Compliance

FCC Part 15, NEMA 4X compliant enclosure, ESD: 8 kV Air / 4 kV Contact

For More Information

Services

Expect Relentless Service from our Remote Monitoring Technical Services team.

- Technical support is provided by NACE-certified professionals via phone and email.
- Approximately 98 times out of 100, a highly-qualified professional will answer your very first phone call and handle your questions. No call backs; no phone tag.
- We set you up for success with product training, offered at your place of business or ours.

Contact

For more information, email us at remote_monitoring_sales@aiworldwide.com, call us at [800-229-3404](tel:800-229-3404), or visit us online at aiworldwide.com.

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[Bullhorn Comparison Chart](#)

[Bullhorn SDT16 Installation and Configuration Quick Reference Guide](#)

[Surge Arrester High Energy Installation Quick Reference Guide](#)

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aiworldwide.com

12211 Technology Blvd. • Austin, TX 78727

800-229-3404 • info@aiworldwide.com