

INTRODUCTION

Advanced Monitoring Technology (AMT) is a remote monitoring system specifically developed by Canadian Advanced ESP Inc. for the artificial lift industry.

SPECIFICATIONS

- NEMA 4 enclosure, 500mm H x 500mm W x 250mm D, single door, lockable
- Power Supply Input: Single phase 120VAC, 60Hz, 4A
- UPS backup power supply, 24VDC, 5A with 7.2Ah battery
- Datacatcher running SCADA software
- Modbus RS-485 communication ports for connection to remote devices
- Industrial cellular router
- Roof mount dome antenna, dual band 800/1900 MHz
- Anti-condensation heater
- Winterized package

FEATURES

The AMT supports secure on-demand viewing of remote site data through a standard web browser, from anywhere, 24/7.

- Live running data and event log
- Historical data trending for analysis and optimization
- Historical data export to csv format
- Automatic 30-day well reports generated daily
- Warnings and Notifications sent automatically via email
- Support for ACT1, ACT2 and ACT3 family of Canadian Advanced ESP Variable Frequency Drives
- Flexible and easy to install
- Customized solutions for third party devices available on request



Exterior - Advanced Monitoring Technology



Interior - Advanced Monitoring Technology

Please visit our website at www.cai-esp.com for more information.

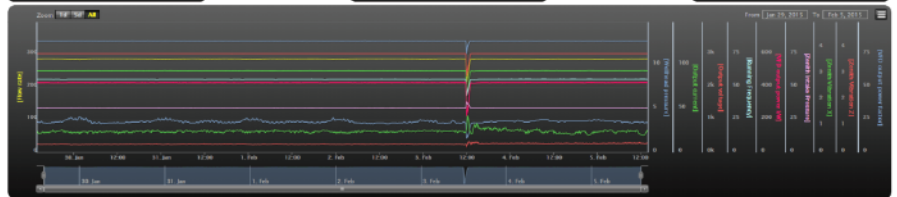
Event log displays time-stamped events in 1 second resolution.



Gauges display live pump running data.

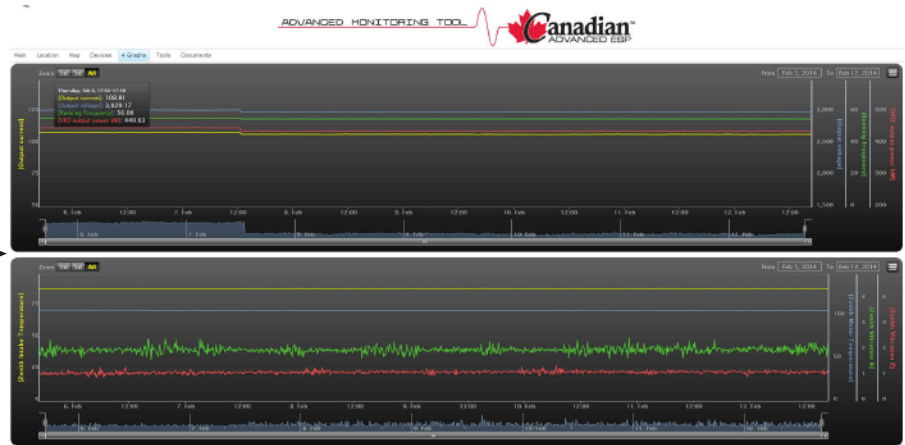


Trending tool for detailed data analysis.



ESP Dashboard

Trending can be customized for pump or downhole sensor data.



Trending Screens

Field view showing well field operation status at a glance.



Map Screen

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