THOR™
Event Management Software

Access and Control Your Instantel Monitoring Units Anytime and Anywhere

A powerful and easy-to-use software tool for compliance reporting and data analysis. THOR provides a comprehensive unit dashboard for managing all your Instantel monitoring devices.

Customizable Event Reports

- Choose your compliance standard, select channels, show FFT, Zero Crossing Frequency and much more.
- Enhance reports by zooming-in on graphs, adding label markers to indicate peaks or other activity across the waveform for easy

Configurable Notifications

- Notify stakeholders with relevant data by creating unlimited emailing groups for specific projects.

Manage Units Remotely

- Reduce on-site visits. Using THOR's connectivity dashboard you can configure and control Micromate and Minimate Pro units.
- View all essential data from every connected unit with one glance. (Micromate, Minimate Pro and Series III units)
- Configure how Auto Call Home sends event data back to you, as it happens or time delayed.

THOR Advanced Event Management Software (see THOR Advanced product sheet for more details)

- Get access to all the advanced sensors with THOR's Advanced module (requires an additional license to configure the Minimate Pro to work with Advanced sensors).
- Maximize Minimate Pro sample rates up to 65,536 S/s, and program advanced sensors.
- Access special analytical tools including 24 integrated operations to analyse your waveform's event data.

Range of Applications

- Construction Activity
- Near-Field Blast Analysis
- Far-Field Blast Analysis
- Multi-Point Monitoring
- Pile Driving
- Underwater Monitoring

- Demolitions
- Heavy Transportation
- Sound/Noise Monitoring
- Research/Education
- Blasting
- Compaction

- Environmental
- Structural
- Bridges
- Tunnels and Subways
- Travel Times
- Arrival Times

THOR Includes the Following Compliance Standards and Graphs

- Australia 2187.2-1993
- Brazilian Standard NBR 9653/2005
- British Standard 7385
- BS 6472:1992 (Curves 8,16,20,32,60,90,128)
- Criterio Prevencion (Une 22.381)
- Czech and Slovak Standard
- DIN 4150
- DIN 45669-1 (2010)

- Function de Ponderation
- GFEE + Ministère Environnement
- Harmoniska Svangningar
- Indian CMRI, DGMS India (A) & (B)
- Indonesian SNI 7571:2010
- ISEE Seismograph Specification -2017
- New Zealand 4403:1976
- NOM-026-SESH-2007

- NZS/ISO 2631-2:1989 Combined curves
- QLD APP Standard
- Recommendation GFEE/GFEE*
- Swiss SN 640 312a (Mining/Pile Driving/Traffic)
- Toronto 514-2008
- Turkey Mining & Quarry
- USBM RI8507 And OSMRE

Software Features

- Available in English, French, Spanish, Swedish
- Advanced Setup mode monitoring for Minimate Pro 4/6
- Advanced data analysis for all event data
- Requires Windows 7, 8, 10, Server 2012 R2
- Requires .NET Framework V4.5 or higher, Internet connection, USB port

Dashboard

- Status overview of all connected units
- Operating modes
- Battery life
- Allocated memory resources
- Connection details
- Recorded events
- Current setup file
- Calibration Information
- Firmware Version
- Operators
- Auto Call Home
- Start/Stop monitoring
- Run sensor checks
- Restart Unit

Units

- Complete list of units and their assigned projects
- Custom settings per unit
- Custom unit setups
- Batch firmware updates
- Multiple operators per unit
- Scheduler to automate remote monitoring

Projects

- Customize settings per project
- Choose your compliance standards
- Relay data to Vision
- Choose your report language
- Swap between Imperial/Metric
- Send custom emails to select groups based on event type or PPV values.
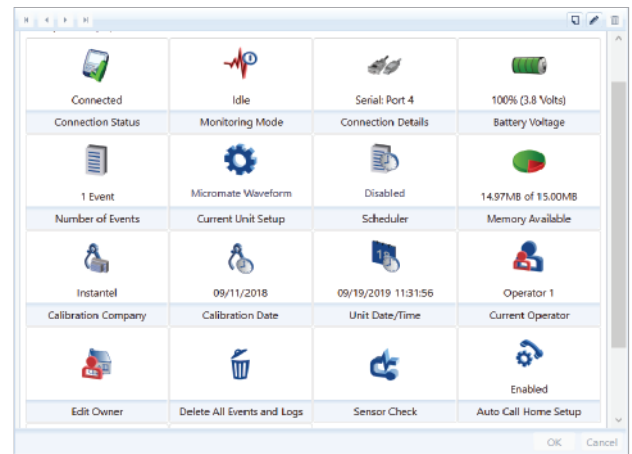
Reports

- Industry Standards to demonstrate compliance
- Histogram (bar-graph) / Waveform reports
- Zoom in/out of graphs
- Place markers on important parts of a waveform
- Customize reports with your company logo
- Add post-event notes to a report
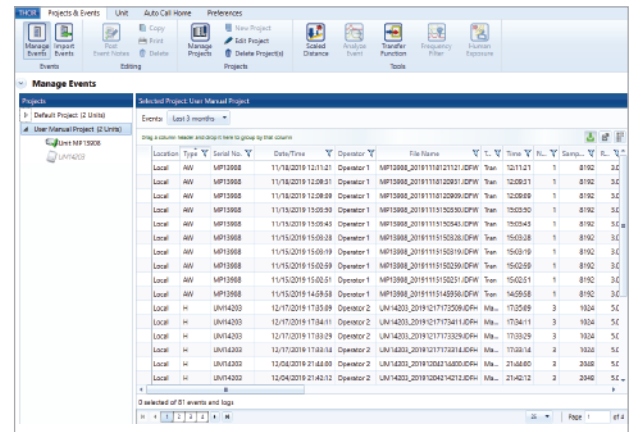- Export reports to PDF, XML, ASCII or CSV

Auto Call Home

- Connects units with a computer running THOR or cloud-based Vision
- Create filters to direct/view data
- Manage unit resources automatically
- Generate event/log reports
- Send summaries to individual stakeholders or entire groups via email or SMS
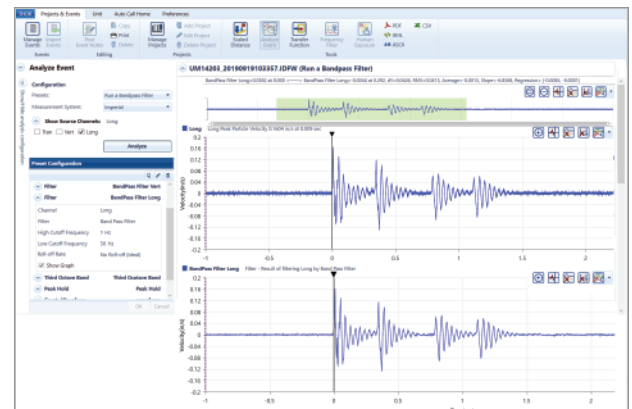
Notifications

- Send email notifications based on event type or threshold
- Receive info/warning/error notifications
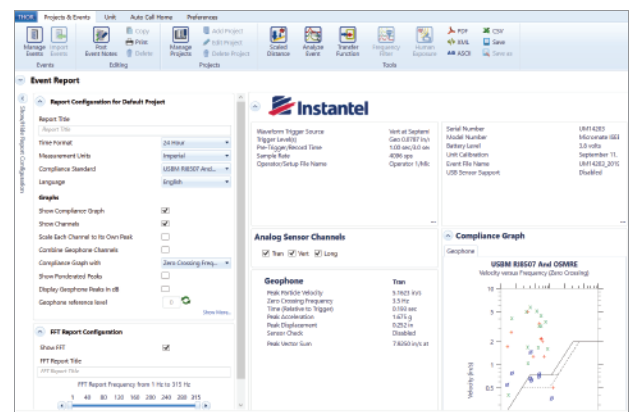- Secure SSL, TLS protocols

Unit Dashboard

Manage Projects and Events

Advanced Waveform Analysis

Event Report Management