

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 software 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 and adding label markers to indicate peaks or other activity across the waveform for easy comparison.

Configurable Notifications

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

Manage Units Remotely

- Reduce on-site visits. Using THOR software'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 software product sheet for more details)

- Get access to all the advanced sensors with THOR software's Advanced module (requires an additional license to configure the Minimate Pro units to work with Advanced sensors).
- Use Minimate Pro unit sample rates up to 65,536 S/s, and program advanced sensors.
- Access special analytical tools, including 24 integrated operations to analyze 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 Svängningar
- 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

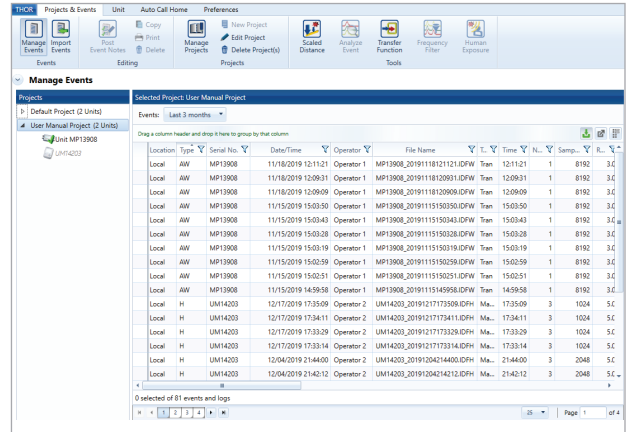
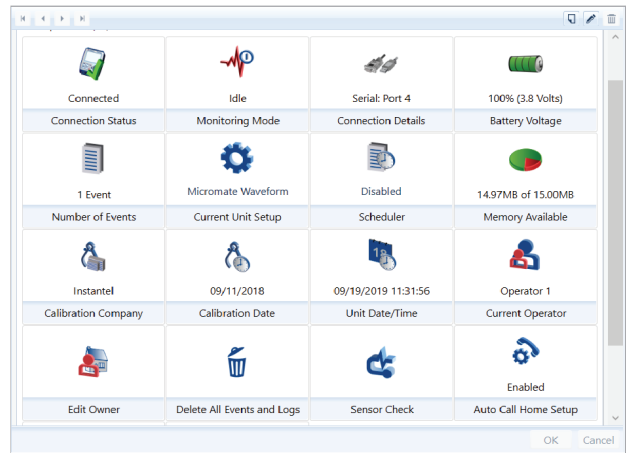
- Industry Standards to demonstrate compliance
- Histogram (bar-graph) / Waveform reports
- Zoom in/out of graphs
- Place markers on important parts of a waveform
- Customize reports with your company logo
- Add post-event notes to a report
- Export reports to PDF, XML, ASCII, or CSV

Auto Call Home

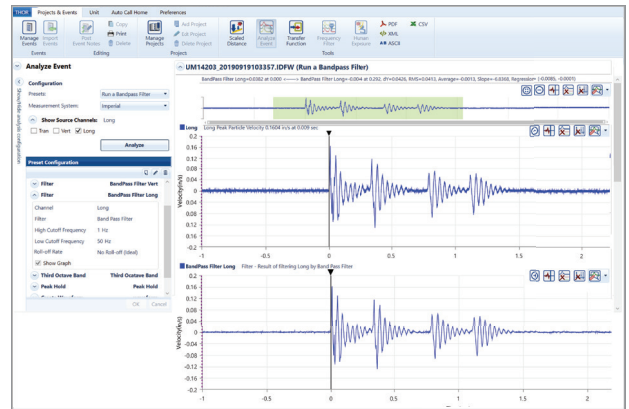
- Connects units with a computer running THOR software or cloud-based Vision software
- Create filters to direct/view data
- Manage unit resources automatically
- Generate event/log reports
- Send summaries to individual stakeholders or entire groups via email or SMS

Notifications

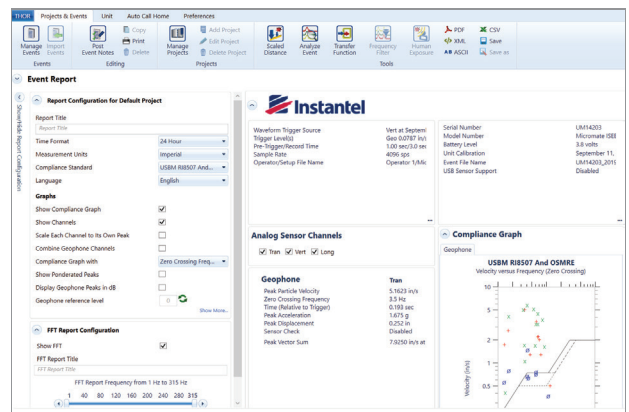
- Send email notifications based on event type or threshold
- Receive info/warning/error notifications
- Secure SSL, TLS protocols



Manage Projects and Events



Advanced Waveform Analysis



Event Report Management