

BEMIS is a suite of software products for monitoring, analyzing and predicting seismic activity in underground mines.

BEMIS mXrap Extension enables full BEMIS functionality in mXrap. With BEMIS mXrap Extension, mXrap users get an all-in-one system for their seismic analysis needs. Based on the BEMIS data model and interfaces, users will experience significant performance improvements.

Being able to review and follow the steps from finding (picking) the individual signals all the way to a processed event in one tool makes seismic analyses a lot smoother. This adds a new level of transparency and control, empowering the user.

Features

- Waveform tab (see example below), view waveforms, travel times, S- and P-wave picks, with uncertainty
- View sensors used to locate selected event (e.g., coloured by Peak Particle Velocity)
- Visualization of location uncertainty
- Uncertainty planes, helps determine if structures are real or caused by poor sensor array configuration
- Smooth user experience with minimized data loading times

System characteristics

- Runs as a third-party application within mXrap
- Requires an mXrap license, network or desktop

Key benefits

- Full transparency, making seismic analyses easier
- Entire workflow in a single tool
- Access powerful BEMIS in mXrap
- Instant application start

