

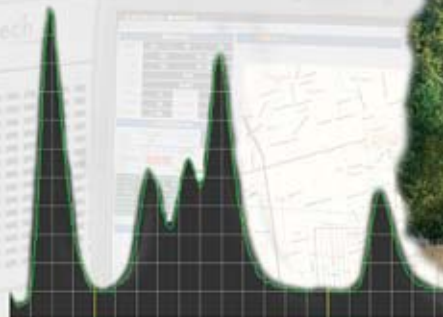
Optech's waveform digitization gives you:

- Improved range accuracy for targets with complex waveforms (e.g. forest applications)
- Specialized post-processing software for analyzing complex return waveforms
- Classification algorithms
- Captures up to 8 events (waveforms), including the outgoing pulse waveform and time intervals between waveforms. Ranges can be calculated directly from the digitized waveform data
- Operates at laser Pulse Repetition Frequency (PRF) up to 70 kHz; sub-samples at even higher PRF
- Real-time display for monitoring waveforms
- Digitizer-dedicated data acquisition computer runs in parallel with the ALTM computer
- Waveform display and analysis software synchronizes waveform data with other ALTM-acquired data

Specifications:

- Amplitude resolution: 8 bits
- Sample interval: 1 ns
- Removable disk storage capacity: 73, 146 or 300 GB

With Optech's Waveform Digitizer the world doesn't have to be flat – now you can get EVERY detail!



Optech

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