QUAKELOGIC

NO	FEATURE	SMARTNETWORK	ANTELOPE
1	Distributed real-time data acquisition and processing capability	YES	YES
2	Unique data neutral and entirely data-driven architecture	YES	YES
3	Lowes processing latency, suited for earthquake early warning systems	YES	YES
4	Tie-in capability of virtually any seismic network in the world	YES	YES
5	Comprehensive automated seismic event information	YES	YES
6	Network size independent - software scales with hardware	YES	YES
7	Writes data in real-time to a non-volatile disk ring buffer	YES	YES
8	Size of ring buffer limited only by the maximum file size of OS	YES	YES
9	Real-time system uses client/server TCP/IP paradigm	YES	YES
10	Supports all telemetry links with standard TCP/IP	YES	YES
11	A unique set of online and off-line processing tools	YES	YES
12	Information system interfaces and functionality	YES	YES
13	Offers RDBMS tools for rapid access to earthquake information	YES	YES
14	Provides a rich development toolkit (e.g., Python and C)	YES	YES
15	Highly configurable and adaptable to any monitoring system requirements	YES	YES
16	64-bit open-architecture modular design concept throughout	YES	YES
17	Real-time waveform stream display	YES	NO
18	Automated shaking intensity (Shakemap) production after detection of an earthquake	YES	NO
19	Instant alerts (SMS / WhatsApp/ E-mail/Telegram) of any seismic event to allow for prioritization for safety and recovery activities	YES	NO
20	Detailed assessment reports within 60 seconds of an alarm-generating event to provide high-quality data	YES	NO
21	Real-time displays of seismic stations, waveforms and seismic activities	YES	YES
22	Integration with Earthworm	YES	NO
23	Automated USGS PRISM post-processing (COSMOS) seismic waveforms for engineering applications	YES	NO