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Metrozet Releases Labview-Compatible 24-Bit Digital Seismic Sensor for Advanced Structural, Tsunami and High-Density Earthquake Monitoring Systems

Torrance, CA – May 30, 2008 – Metrozet LLC announced today a major new option available for the Metrozet TSA-100S triaxial seismic accelerometer. The TSA-100S-D24 provides a 24-bit buffered digital datastream in native miniSEED format. With a typical dynamic range of more than 125 dB (200 sps) and standard 1GB memory buffer, the TSA-100S-D24 provides most of the functionality of integrated accelerographs and bundled logger/sensor systems with a typical cost savings exceeding 50%.

According to program manager Eric Canuteson, "Our new -D24 option is significant for two reasons. First, we are enabling seismic network operators striving for coverage density to double their purchase quantity of high performance 24-bit digital systems for a given budget. Second, we are opening up the seismic system market to a much broader base of system integrators. Any qualified Labview system integrator can now provide world-class seismic, tsunami and structural monitoring systems as a value-added reseller (VAR) of our TSA-100S-D24."

The TSA-100S-D24 standard features include a 4g full-scale range, GPS timing, and a fully-isolated RS-485 output suitable for typical structural applications. Optional features include a multi-sensor basestation, ethernet communications module, gain-ranging and large-capacity non-volatile memory (up to 32 GB). It is worth noting that 32 GB provides years of data buffering at typical sampling rates thereby obviating the need for many of the data management and triggering features available on legacy systems. A free Labview interface is available upon customer request.

The TSA-100S-D24 is now available. Please [click here](#) to download the updated TSA-100S datasheet that includes technical specifications for the new -D24 option. Please [click here](#) to use our pricing calculator to generate your own budgetary pricing estimate. Please [click here](#) to place an order.

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