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SENSORTRAN UNVEILS NEXT GENERATION DTS PLATFORM

Gemini Family Offers New Standard for Performance and Flexibility that Streamlines Set-up for both New and Experienced Users

Austin, Texas USA – September 23, 2008 – SensorTran, a developer of the world’s most advanced distributed temperature sensing (DTS) technology, today announced the commercial availability of its new family of DTS systems. The platform, dubbed “Gemini,” marries SensorTran’s second generation PerfectVision™ multilaser technology with several other proprietary innovations to create the world’s most powerful distributed temperature sensing system. For the first time, both new and experienced DTS users have the ability to confidently specify, purchase, and deploy sophisticated DTS systems tailored to meet their individual application requirements.

The rapid growth of the worldwide DTS market has taken the technology from niche status for a core group of long-time users to a growing mainstream audience of new users. SensorTran’s Gemini DTS product line is the first to offer the unique level of flexibility to address both sets of users. By incorporating PerfectVision™ in every unit, Gemini delivers the benefits of simplified calibration and auto correction for fiber-related losses to all users. At the same time, the flexible Gemini platform is ideal for solving chronic problems for experienced DTS users in the Oil & Gas industry, such as hot-well monitoring. Gemini’s modular platform offers inexperienced users clear and easily understood configuration choices and yet allows “super users” access to highly customized performance solutions that have never been available before. Customers in the rapidly growing power cable monitoring segment will significantly benefit from simplified installation and operation as well as reduced maintenance and service costs.

The Gemini system has a streamlined modular architecture that features two separate, highly compact modules – one housing the data acquisition and processing functions, the other containing the lasers and optics. Each module can be upgraded to increase measurement speed, laser intensity (optical budget), or both. As an example, with both upgrades, a Gemini DTS system deployed in a 6km well is capable of

making single-ended measurements with a temperature resolution of 0.005°C (0.009°F) in less than 1 hour, while maintaining a 1 meter (3.3ft) spatial resolution. This next generation platform, for the first time, allows for instant onsite system upgrades and service, as the modules are fully interchangeable. The Gemini family includes both single mode and multimode optical fiber systems.

Additionally, Gemini's flexibility and compact design allow for any combination of the DTS modules (either base or upgraded) to be delivered in a full array of packaging offerings – 2U rackmount; field-rack case; portable; NEMA-4 weather-resistant with integrated full-color monitor; and in-ground (able to be buried) versions.

“We have been working to develop these technologies over several years and it is great to see them coming together in the Gemini platform. We are excited to offer our customers a new level of performance and flexibility which allows them to deploy highly customized solutions at a low cost”, says Mikko Jaaskelainen, SensorTran CTO.

In addition to PerfectVision™ technology, Gemini systems also include the following innovations:

- FlexPower™ user-adjustable power draw for low power applications
- Customizable Sampling down to 2.5cm (1inch) intervals
- Unlimited Range Sampling
- Ruggedized, Shock-Mount Packaging

“The new platform greatly simplifies the buying process for DTS, taking the risk out of engineering a project. The system is designed to accommodate next generation distributed monitoring sensors. With easy onsite upgrade capability, the customer always has the right system at hand,” says Jack Angel, SensorTran's VP of Business Development for Oil & Gas.

About SensorTran Inc.

SensorTran is an ISO 9001 certified global supplier of fiber optic-based distributed monitoring solutions. Customers benefiting from SensorTran's DTS technology include the world's largest energy providers. DTS systems, which can be customized for any language, have applications in downhole oil & gas, transmission and distribution power cable monitoring, Smart Grid, pipeline flow assurance and leak monitoring, process vessel hot spot detection, and environmental monitoring. For more information, visit www.sensortran.com.

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