



NEWS RELEASE

FOR IMMEDIATE RELEASE

SmartSignal's David Bell Introduces Threat Based Maintenance (TBM) at Electric Power Conference in Chicago

Lisle, Ill., May 14, 2009 —SmartSignal® Corporation today announced a new concept in equipment maintenance called "Threat-Based Maintenance" (TBM). David Bell, VP of Application Engineering at SmartSignal, introduced this new methodology during the Combined Cycle Users' Group, which is co-located within the Electric Power Conference held in Chicago this week.

SmartSignal worked closely with its worldwide customer base to develop TBM. It incorporates the experience gained from protecting over 10,000 assets that are being monitored at SmartSignal's power generation, oil and gas, and aerospace customers. TBM is a proactive maintenance concept that supplements other reactive maintenance methodologies such as Reliability Centered Maintenance (RCM). Mr. Bell stated that, "The Probability of Failure (PF) curve, which inevitably ends in some level of equipment failure, can be reset by using SmartSignal predictive analytics to identify problems before they progress. SmartSignal enables its customers to apply TBM to identify threats to failure far before equipment hits the peak of the PF curve. It creates a paradigm shift that enables a company to gain significant value from implementing proactive maintenance."

Current methodologies and technologies overwhelm an ever-shrinking pool of valuable maintenance engineering resources with volumes of data and alarms, resulting in surprises, unplanned outages, and excessive maintenance costs. SmartSignal-enabled TBM delivers a higher level of analytics layered on top of existing investments in data infrastructure (Sensors,

DCS, historian, vibration analysis, Oil Analysis, etc.). It delivers earlier detection, diagnosis and proactive interruption of the PF curve. It frees slimmed-down staffs from looking for needles in the haystack so they can eliminate failures before they have caused damage. SmartSignal-enabled TBM reduces unplanned outages, unnecessary planned maintenance, and maintenance costs.

About SmartSignal

SmartSignal maximizes worldwide industry equipment performance, availability, and reliability by detecting, diagnosing, and prioritizing equipment and process problems before they become costly failures. Drawing on over 40 patents, SmartSignal delivers specific, relevant, and actionable intelligence that makes people more proactive and productive. SmartSignal serves customers in power generation, oil and gas, mining, aviation, pulp and paper, and other process industries worldwide. SmartSignal and its customers have won over twenty awards for excellence, including a *Wall Street Journal* Technology Innovation Award and the 2009 ITA (Illinois Technology Association) Lighthouse Award for excellence in product and services.

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