



Roctest launches SHMLIVE structural health monitoring solution to improve the safety of major public and private infrastructure

Real-time monitoring service will alert owners of structural risks and enable them to deploy resources where they are most needed

St-Lambert, Quebec, July 22nd, 2009 – Roctest Ltd (“Roctest”) (TSX: RTT), a leading designer and manufacturer of high-precision sensors for the civil engineering market, today announced the launch of SHMLIVE, a new and innovative web-based solution to monitor the health and status of infrastructure projects. Offered as a complete turnkey solution for a fixed monthly fee, SHMLIVE can save both up front capital costs and ongoing maintenance and repair costs for the owners of bridges, tunnels, high rise buildings and other infrastructure.

“SHMLIVE is much more than a real-time web-based structural health monitoring system,” said François Cordeau, President and CEO, Roctest. “SHMLIVE represents a new business model for both infrastructure owners and Roctest. SHMLIVE customers will benefit from its superior monitoring capability, ease of adoption, low capital cost, and web-based delivery of results in real time. For Roctest, it means the visibility and stability of a recurring revenue model, whereby we will provide a comprehensive monitoring solution at a fixed monthly fee.”

SHMLIVE deployments will make use of the full range of available monitoring technologies. With more than 60 years of experience instrumenting complex structures worldwide, Roctest is the only company that can seamlessly integrate traditional vibrating wire instruments, fiber optic based sensors using five different technologies, concrete corrosion sensors, and any type of electrical sensors into a fully automated data acquisition system and integrated database while displaying the data in real-time anywhere in the world through its secure web site www.shmlive.com.

SHMLIVE Description

SHMLIVE deployments will begin with Roctest working with the infrastructure owner to identify specific objectives and design a customized monitoring system. Roctest will then install, operate and maintain the system providing guaranteed service level. All data will be automatically transferred to Roctest’s secure online database where the data will be displayed in real-time on the SHMLIVE secure web site. With the support of selected local engineering partners, warning and alert limits can then be used to trigger the agreed upon protocol. All the instruments and sensors currently offered by Roctest and its subsidiaries integrate seamlessly in the SHMLIVE solution, as do third party traditional electrical sensors.

SHMLIVE Benefits

A 2008 U.S. Department of Transportation report found that 24% of the nearly 600,000 U.S. bridges were structurally deficient or functionally obsolete. This classification is based on visual inspection only and cannot fully capture hidden structural defects or capacity reserves. To monitor these assets becomes an enormous task for any organization if one only considers the amount of data generated by the monitoring sensors. SHMLIVE will behave the same way as a regular house security system, providing an alert whenever unusual behaviour is detected. Being an exception-based system, SHMLIVE does not require an army of engineers to continuously monitor the data, allowing smaller organizations with less resource to finally provide surveillance of critical structures. The same benefits will apply in Europe and Asia where aging infrastructures are a fact of life. Roctest is partnering with certified engineering firms worldwide to provide value-added services; however, the owner can also select its preferred engineering firm to analyze its data and recommend actions.



By understanding the static and dynamic behaviour of a structure, the owner can set priorities for maintenance and repairs, resulting in improved safety for its users and, in many cases, safely extending the life of the infrastructure with limited or no interventions. For large organizations like Departments of Transportation (D.O.T.) in the U.S. responsible for thousands of structures, the ability to assess and extend the useful remaining life of a structure will result in positive Return on Investment (R.O.I.) by prioritising rehabilitation efforts and optimizing the associated maintenance budget.

In the case of a high-rise building, SHMLIVE will provide instantaneous feedback on its health following an earthquake. For aging underground infrastructures like parking lots and tunnels, SHMLIVE will detect, in real-time, minuscule movements indicative of more serious issues. For geotechnical applications, SHMLIVE will provide a simple and cost-effective means of distributing measurements and alerts to all stakeholders involved in a construction project.

By offering this service based for a monthly fixed fee, Roctest provides infrastructure owners an affordable way to monitor these assets compared with the large capital expenditure that has historically been required, resulting in additional flexibility for owners to monitor more structures.

“Roctest will also continue to offer its complete portfolio of products in the same way we have for the last 60 years, targeting the large civil engineering projects and the continued surveillance of infrastructures by providing custom solutions using standard products. SHMLIVE will complement our offering by providing a value-added option to our customers who prefer a turnkey solution. The new service will be offered by all Roctest Group companies, including Roctest, Smartec and Telemac,” concluded Francois Cordeau.

For more information on SHMLIVE, please visit www.shmlive.com.

About Roctest Ltd

Roctest designs, manufactures and markets sensors and high-precision measuring instruments for the civil engineering market with applications in the energy, healthcare and process control industries. The Company is recognized for its leading-edge technology, the quality of its technical expertise and its product development capabilities for challenging and demanding environments. Its products are mainly sold internationally. The shares of the Company are listed on the Toronto Stock Exchange under the symbol RTT. To reach Roctest Ltd via the worldwide web log on to www.roctest.com.

Caution concerning forward-looking statements

Except for historical information provided herein, this press release may contain information and statements of a forward looking nature concerning the future performance of the Company. These statements are based on suppositions and uncertainties as well as on management's best possible evaluation of future events, and as such involve a number of risk factors. Such factors may include, without excluding other considerations, risks related to foreign exchange fluctuations, evolution in customer demand for the Company's products and services, the impact of price pressure from competitors and general market trends, as well as economic and geopolitical changes. As a result, readers are advised that actual results may differ from expected results. The Company does not update or revise publicly its forward-looking statements, except as may be required under applicable law.

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