

Fuel Tank Monitoring Technology



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Technology that was once only available to the military can now be used by any company with collapsible fuel tank storage. In the past, managing temporary fuel supplies used to involve manually checking tank levels with a stick and a string, often under harsh conditions, but not anymore. New technology now allows remote monitoring and fuel supply management at the touch of a mouse.

With this technology available to all, SEI Industries, through a relationship with Varec, maker of the military TacFuels monitoring system, is the first manufacturer to integrate fuel monitoring capabilities into its premium Arctic, Desert and Jungle King series of collapsible bladder tanks – a popular choice for companies operating in remote locations.

The monitoring system consists of data collection units, flow meters and fuel gauges along with a mobile laptop and rugged handheld computers which operate proprietary software. Using the remote monitoring system, companies can add value and safety to their fuel caches by:

- Monitoring their fuel volumes in real-time from a remote location
- Being alerted to storage issues with a leak detection alarm.
- Being alerted to filling issues with an overfill alarm.
- Reducing thefts and spoilage with an auditable inventory management record.
- Monitoring through a computer inside a nice warm hut.

Recently, SEI Industries provided one of its Jungle King collapsible fuel tanks for use in a demonstration of remote fuel monitoring to the US Marine Corp. at Bogue Airfield in North Carolina.

“The demonstration was a huge success with the participants saying they were impressed with its performance,” says Paul Reichard, SEI’s remote site division manager. “This monitoring system takes collapsible tanks to a new level by providing remote fuel operators with the ability to analyze data and plan better, operationally.”

For the past 30 years, SEI has supported remote commercial operations, emergency management agencies and military forces with a variety of equipment options – many of which are “world-first” in design. For more information, please visit <http://www.sei-ind.com/products/fuel-monitoringsystem>.

