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## US-based PROTECH offers utilities ways to reduce overall security system costs on the perimeter

*Integrators benefit from the most innovative technologies on the market with a lower overall installed price tag than older “traditional” systems*

RENO, NEVADA – US-based perimeter security systems manufacturer, PROTECH, through its sister company SORHEA Technology of France, has developed technologies that are unique to the security industry and actually more cost-effective than older conventional systems.

“On paper, our perimeter intrusion detection technologies may appear slightly more expensive, but you need to do the math,” explains PROTECH USA COO Larry Thomas. “The Total Cost of Ownership of perimeter security systems needs to include installation and maintenance costs and that is where PROTECH’S systems beat out the competition.”

Thomas explains that PROTECH’s solar-powered, wireless systems such G-Fence, a fence mounted “cut and climb” detection system and SOLARIS, a solar-powered/wireless active infrared barrier, offer significantly lower installation costs than conventional perimeter systems.

“For installations like utility sub-stations in remote locations, the intrusion detection systems are ideal since no trenching is required for new systems and depending what is currently installed, PROTECH can match technology to application,” he said.

He uses one example of sub-station fence that has an existing fence that needed to do more than deter. The GFENCE impact detection system is easily installed on an existing fence with a control unit that is solar-powered.

PROTECH’s accelerometer technology, unlike microphonic and fiber-based systems that detect via the cable, detects through the accelerometer and offers unique discrimination against inclement weather conditions.

Another example of PROTECH’s cost-effective technologies is SOLARIS. These solar-powered/wireless active IR beams are positioned directly inside of the fence line to create an invisible wall of perimeter detection. Installation only requires a concrete pad for the tower to sit on.

“In short, this means a huge cost savings because it eliminates the need to trench for the conduit and cable runs,” explains Thomas.

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Attacks on the grid, CIP-014 regulations, compromised perimeters, protection in remote locations and limited budgets are some of the challenges facing utility operators today.

The utilities sector requires a very high level of security for its installations, whether locally or remotely and with the introduction of CIP-14 regulations, the pressure is on utility owners to deliver effective perimeter security.

PROTECH's systems mitigate potential risks through deployment of robust perimeter security systems. Read more here: <http://www.protechusa.com/wp-content/uploads/2017/04/Utilities-Marketing-Card.pdf>

## ABOUT PROTECH

PROTECH is a leading U.S.-based manufacturer of perimeter intrusion detection sensors and wide-area surveillance systems designed to secure high profile critical infrastructure sites and high-value assets. Over the past 36 years, PROTECH has established itself as a specialist in the perimeter security market and now, through acquisitions, offers the full range of perimeter intrusion detection technologies including fence-mounted, infrared, dual technology and bi-static microwave systems along with video analytics for object detection and tracking. [www.protechusa.com](http://www.protechusa.com).

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