Senstar is pleased to announce its FiberPatrol ranging fibre optic intrusion detection system is successfully securing the perimeter of the US headquarters campus of a major international oil and gas company. FiberPatrol has been successfully up and running along the site's 40,000 ft (7.57 mi) perimeter, consisting of three fence types and 40 gates, for several months.
“Going into the project the customer was no stranger to perimeter security with various sites around the world using fence-mounted intrusion detection systems. However, the performance of the previously-installed systems was not always up to the customer’s expectations, particularly in regard to the nuisance alarm rate (NAR),” said Nancy Marshall, Executive Director of Business Development for Senstar.

“With FiberPatrol, we were able to address the issue of NAR, as well as meet a number of other strict requirements. The system is working extremely well and the customer is very happy with the results.”

**Detect and locate intrusion attempts**

FiberPatrol’s advanced fibre optic technology detects and locates intrusion attempts along fences, offering the lowest NAR and highest Probability of detection (Pd) on the market.

It also offers accurate location of intrusions even when there are multiple simultaneous intrusions or in the presence of non-localised environmental noise that would overwhelm the location capability of other long-range fibre optic sensors, and built-in cut immunity, meaning when set up in cut immunity configuration, it continues to provide detection on the full perimeter after a cable cut. FiberPatrol also passed the project’s mandatory penetration testing.

The implementation of this project was a team effort, with Senstar working with integrator Kratos Public Safety and Security Solutions Inc. (PSS) and installer W-Industries Inc.
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Flare operates in protected frequency bands that use dedicated spectrum, avoiding the potential for interference.

Senstar FiberPatrol-PR fibre optic fence-mounted sensor now offers extended capabilities.

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