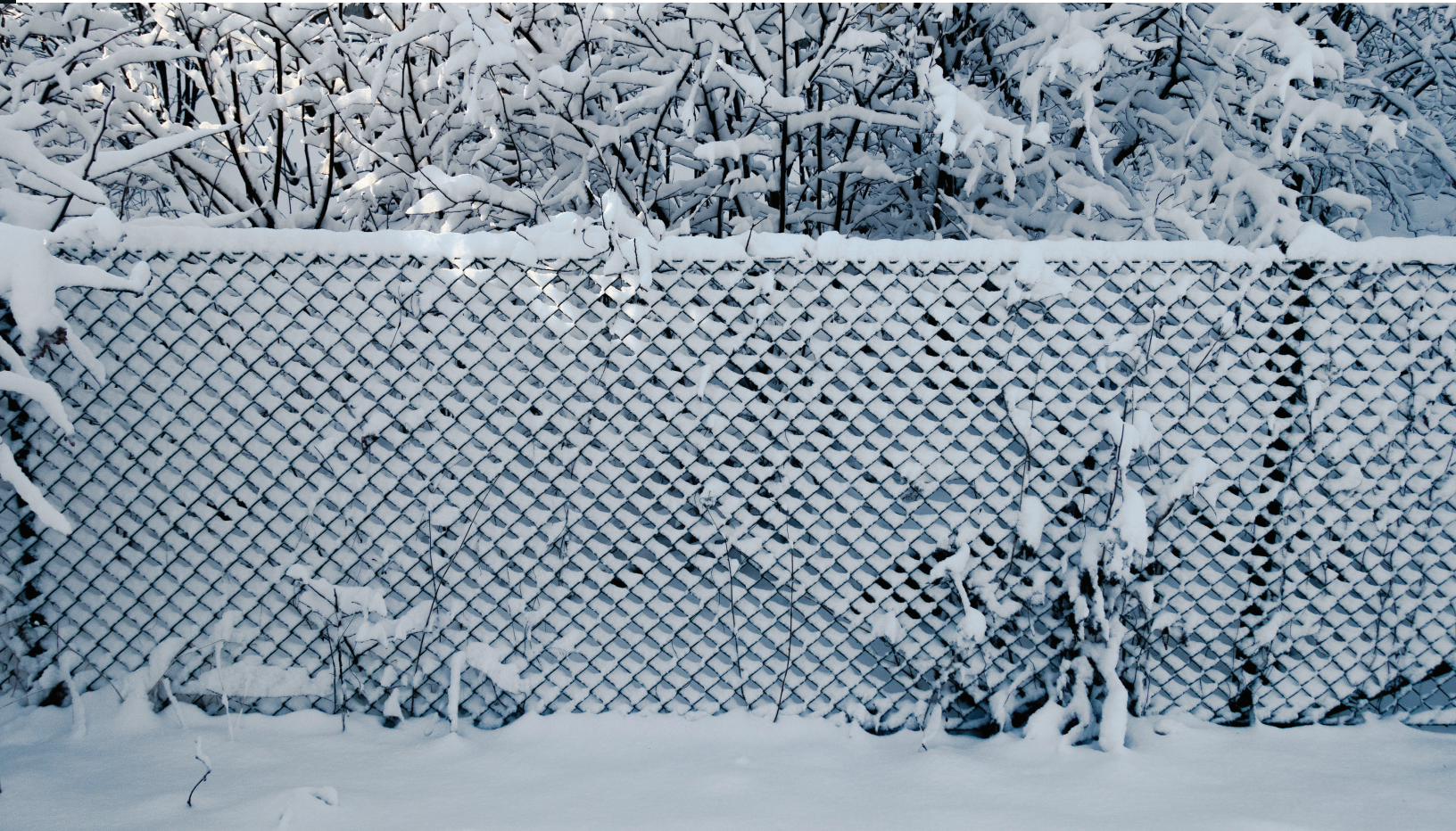


Rapid Security Deployment In Extreme Weather



The Site

A large-scale construction project in Alberta, Canada, led by Cove Properties—one of the province's top luxury condominium developers. These multi-phase sites operate year-round, even through Canada's harsh winters, and include high-value materials, tools, and equipment spread across open, vulnerable areas.

The Challenge

Cove Properties needed to protect their job sites from theft and vandalism, which can lead to major delays, increased insurance costs, and significant financial loss. Harsh environmental conditions—including extreme cold, snow, and limited daylight—posed additional difficulties. The solution needed to be mobile, weather-resistant, and offer remote monitoring with integrated lighting, detection, and video surveillance. Most importantly, it had to be easily deployable across multiple job sites without rewiring or trenching.

The Solution

2020 Digital Security Solutions partnered with OPTEX and Mobile Pro Systems to deploy the PowerSentry, a rugged, mobile surveillance platform equipped with integrated Redscan LiDAR detection. Each PowerSentry was fitted with motion-activated LED floodlights and connected to Milestone VMS for remote monitoring and visual verification. Redscan sensors were mounted separately for optimal coverage—each unit protecting a 200-foot area. Despite extreme sub-zero temperatures, the system remained fully operational, providing Cove Properties with flexible, dependable, and weather-hardened perimeter protection across their construction sites.

REDSAN LiDAR Series

REDSAN is an award-winning LiDAR detector that reliably detects object size, speed, and distance, creating an invisible wall for security indoors or out. Ideal for protecting assets, perimeters, and enhancing safety in public spaces.

