

# CRITICAL FACILITY PERIMETER SECURITY

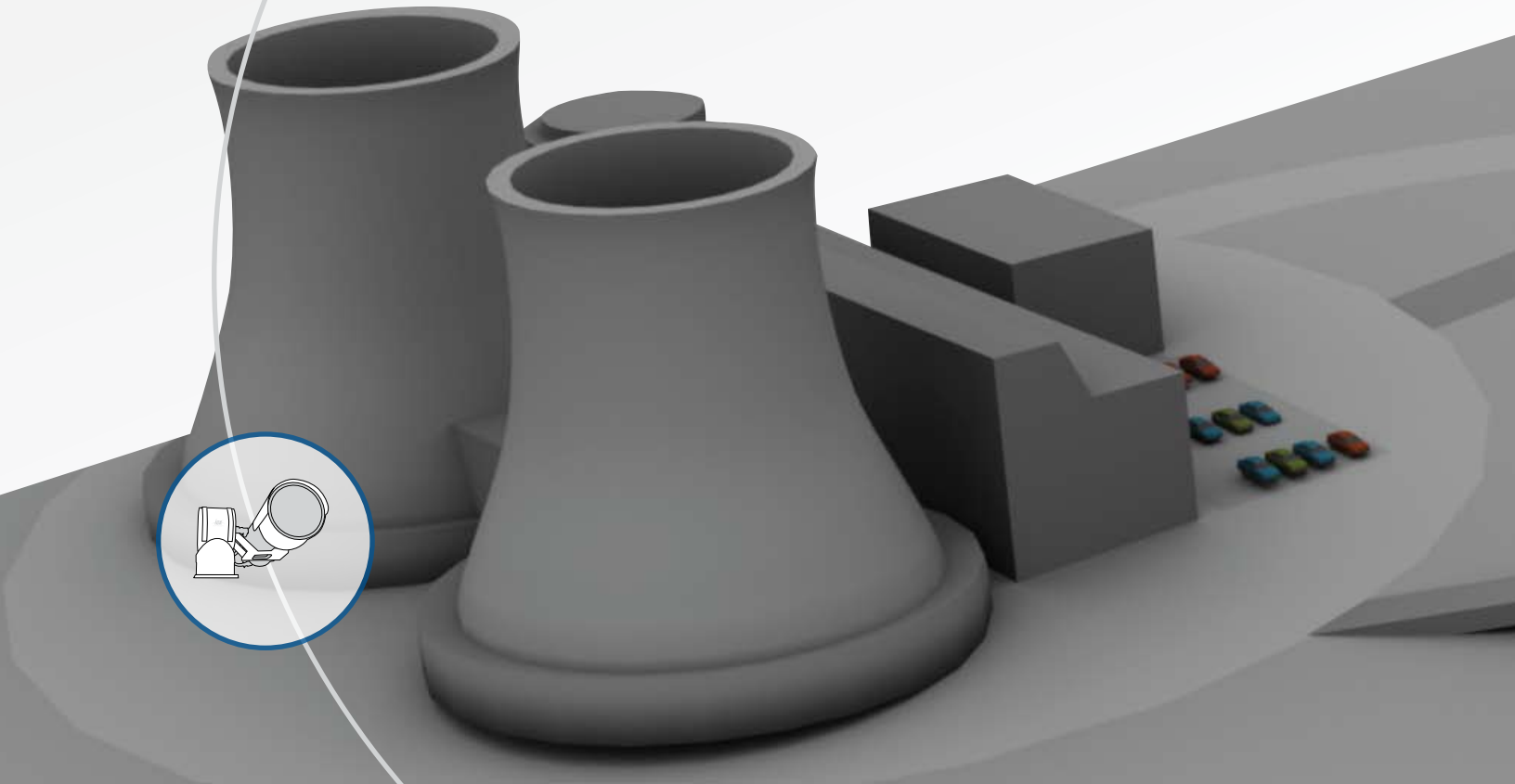
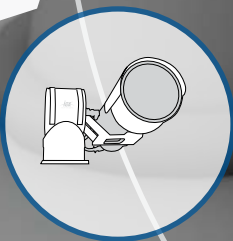
The threats to a nation's critical facilities are a key national security concern. The dangers resulting from theft, smuggling, vandalism or terrorist activity associated with a nuclear facility pipeline or government building are staggering. Nuclear facilities in particular are required to maintain the highest levels of security and the Nuclear Regulatory Commission requires the control of the area beyond the facility perimeter in addition to the nuclear complex itself. Security begins beyond the fence.



NEW THREATS.  
NEW THINKING.

A nuclear facility faces two basic threats: the threat of radiological sabotage which can result in massive power shortages across the U.S. or the theft of strategic nuclear material which can be used in a nuclear device or weapon. Damage to a power grid can bring commerce to a halt and place tens of thousands of citizens in jeopardy. Stolen nuclear materials will produce a wave of panic that can likely precede an event of mass destruction. These threats are compounded by the fact that many nuclear facilities face the possibility of intrusion from both land and water. A versatile security solution is required.

ICx Technologies meets these concerns at nuclear facilities across the United States as well as numerous petrochemical plants, pipelines, embassies and other government facilities. By providing a total hardware solution, our technology allows security officials to detect and assess a threat, track its movements and identify the intruder in real time. Our integrated subsystems include advanced cameras, radars and centralized control software with a plug and play interface that provides increased interoperability with legacy hardware. As a single supplier, ICx Technologies provides a perimeter security solution that reduces false alarms, while consolidating warranty and support services for all these components.



## TOTAL HARDWARE SOLUTION

ICx Technologies develops and manufactures advanced surveillance products designed to seamlessly interface with one another as well as digital or analog legacy hardware. Through this integrated suite of sub-systems, overall integration costs are significantly reduced.

## ADVANCED CONTROL SOFTWARE

ICx command and control software enables straight-forward integration of both digital and analog security hardware – easily tying together multiple command and control stations. The point and click interface requires little training in order to control numerous cameras or radars or to focus on a single piece of hardware and analyze its image.

## PROVEN TECHNOLOGY SOLUTION

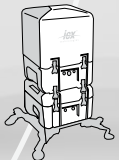
ICx focuses on advanced technology solutions. These sub-systems are successfully deployed for both military and commercial enterprises around the world.

### ALL WEATHER CAPABILITY

ICx thermal imaging cameras can see in total darkness and almost any weather condition, including fog and rain. With the VisionSense™ capability to overlay CCD and thermal images in real time, the user can penetrate glass and glare.

### DETECTION AND ASSESSMENT

Through our integrated ground radar and slew-to-cue camera solutions, individual officers can now manage multiple wide area perimeter zones. The system can immediately detect an intruder and monitor their progress, allowing security personnel to assess and identify the potential threat and take the appropriate action.



## CASE STUDY

### Nuclear Facilities across the U.S.

ICx Technologies provides security and surveillance hardware and software to protect over 30 nuclear plants and national laboratories across the United States. We understand the sensitivities involved in providing top level security for critical infrastructure. Each facility presents a unique set of variables to balance freedom and control; access and non-access. ICx uses a dual approach of technology and threat analysis expertise to design and implement cost effective security solutions to optimize existing personnel resources and reduce nuisance alarms.

Each ICx solution is implemented to meet specific facility requirements and can include manned and unmanned portable towers, advanced tracking radar, thermal imaging cameras with CCD image overlay and sophisticated command and control software.



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