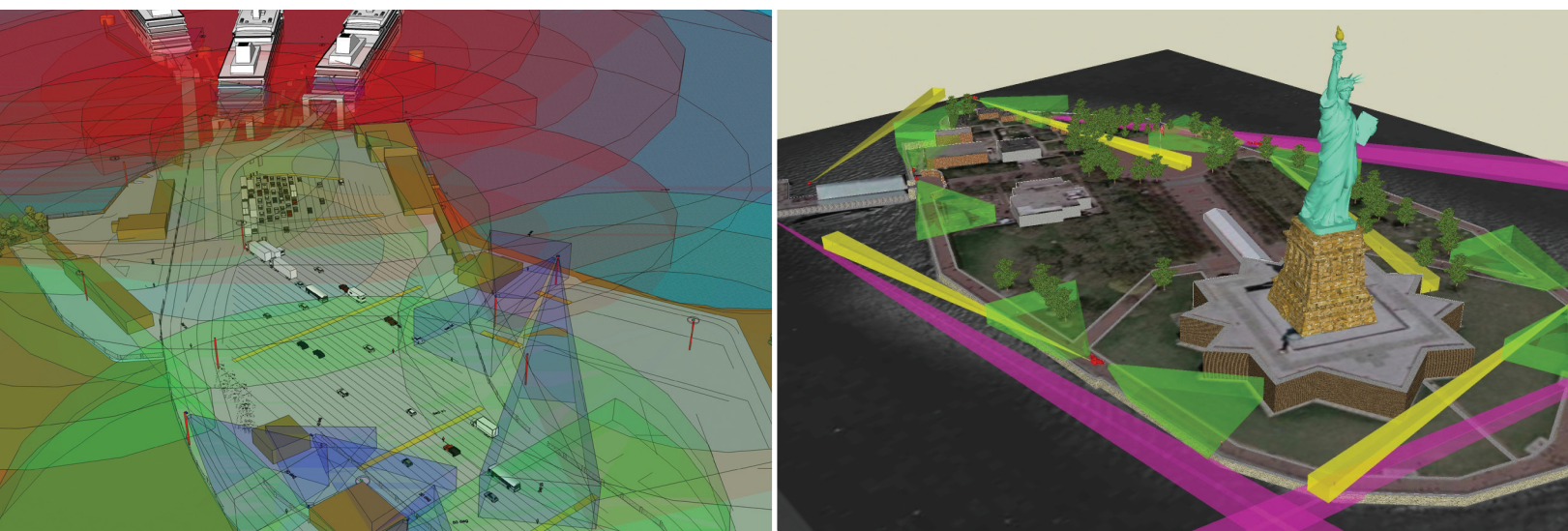## BEYOND THE FENCE

Once a threat gets too close, it is often too late. Security must extend beyond the fence to sense, detect and identify threats while allowing security operators sufficient response time to protect people and facilities. Configured to meet the requirements of a specific operational scenario, our CommandSpace solutions utilize a variety of cutting edge sensors from FLIR and third-party suppliers to get the job done.

CommandSpace utilizes ground-based radars to rapidly and continuously scan 360 degrees, detecting movement in virtually any weather condition, inside or outside a perimeter, 24 hours a day. After an alert, the system automatically points a day/night camera at the intruder for assessment – all in a matter of seconds. The operator and response team now have what they need – number of intruders, exact location, direction of travel and visual identification – to determine a safe, effective response.

BUILDING BLOCKS

At the heart of a CommandSpace solution are the fundamental building blocks that allow the system to scale for future expansion and integration. The CommandSpace integrated tower, sensor and software solutions are flexible to accommodate an array of new and legacy sensors and communications equipment. Each component in the solution is fundamentally designed and manufactured by FLIR to work in concert, and the entire system operates within a simple graphic user interface which can be accessed from multiple locations under a command level hierarchy.

THREAT ASSESSMENT AND DETAILED SITE DESIGN

An effective security and surveillance solution is greater than the sum of its parts. State-of-the-art equipment provides surveillance, while optimizing placement provides security. FLIR employs numerous subject matter experts that provide the knowledge and experience necessary to effective system deployment. Combined with proprietary site design software which takes into account a range of factors, including terrain and line of sight, to provide a "virtual" site analysis and evaluation. This initial design is then combined with an on-site survey to ensure the most advantageous solution. Our design and simulation expertise ensures that we optimize the solution to meet the performance requirements while maximizing return on investment.

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Extraordinary Protection

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COMMAND|SPACE

INTEGRATED PERIMETER INTRUSION DETECTION

Today's integrated security environment is becoming increasingly complex. With hundreds of manufacturers, conflicting standards and disparate data formats, an integrated perimeter security solution, designed specifically to unify, is required. CommandSpace® is a comprehensive, layered program for wide area surveillance and perimeter intrusion detection. CommandSpace solutions incorporate state-of-the-art FLIR sensors, third-party technologies and a common operating picture to provide advanced warning of a potential threat – before it crosses a perimeter.

With CommandSpace, FLIR is redefining perimeter security.

The threat to city centers, major airports, seaports and critical facilities, as well as border regions, is a critical concern for security officials. These threats not only jeopardize innocent lives, but also have the potential to inflict severe damage upon the global economy.

Traditional security solutions pull together different products from a multitude of sources and attempt to tie them together into an integrated system. Often as not, these systems run into communication and operational issues due to the narrow purpose to which each individual device was designed. In addition, these devices leave the operator knowing where the threat was, not where it is. This response is ineffective and inappropriate when today's operational deployments require a whole solution. New threats require new thinking.

COMMAND|SPACE®

RADAR SYSTEMS

All FLIR radars are optimized for detecting personnel, vehicles and crawlers, as well as tracking their progress across terrain. Once a target moves within a designated distance from the perimeter, it is detected and a linked camera immediately slews-to-cue for assessment.

IMAGING SYSTEMS

FLIR thermal imaging cameras can see in total darkness and almost any weather condition, including through fog and rain. With the VisionSense™ capability to overlay CCD and thermal images in real time, the system has the ability to see through glass and glare.

TACTICAL PLATFORMS

Mobility is fast becoming key to many security scenarios. Fully securing one corridor of intrusion can potentially open another area for attack. Through the use of versatile manned and unmanned mobile towers, surveillance assets can be deployed in numerous scenarios with very little effort to increase force effectiveness.

COMMAND & CONTROL

Our state-of-the-art command and control software unlocks the full power and functionality of FLIR advanced sensors, hundreds of third-party devices and systems to provide a common operating picture and graphical user interface.

CBRNE SENSOR INTEGRATION

Through our software platform, advanced chemical, biological, radiation/nuclear and explosives sensors can be integrated into a CommandSpace solution.

THIRD-PARTY DEVICES

CommandSpace seamlessly integrates hundreds of third-party systems and sensors, allowing users to make the most of their existing security management assets and eliminate redundancy.

DETECTION, CONFIRMATION & IDENTIFICATION

Through a layered approach of technology and manpower, a CommandSpace solution can provide early warning of potential threats. Once an alert has been made, a series of automated responses and tracking allows the maximum amount of information to be clearly presented to the operator for a rapid response.