

Key Facilities Protection Air Base

Working to become a dependable partner of choice

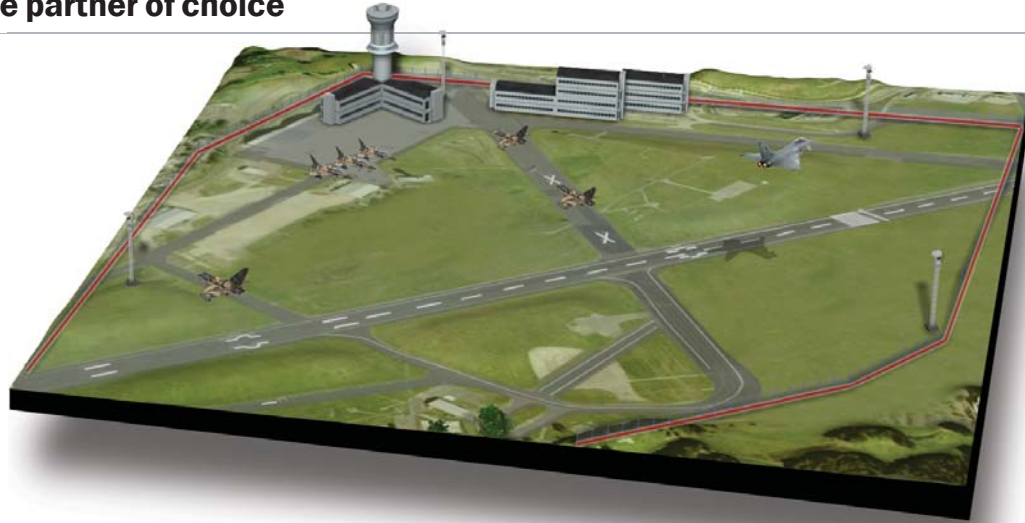
BAE Systems Insyte's joint command & information systems solutions give decision makers the information to make mission critical decisions before opponents can react, minimising risk to our forces and creating greater operational effect.

The air base protection system provides a secure ground environment in order to effectively manage security risk and maintain operational readiness.

The Spider command & control (C2) system offers integrated, end-to-end situation awareness and protection using layered, proven technologies to deter, detect and delay any intruder - giving more time to mount an appropriate response.

It can be configured for permanent installation or deployed from a vehicle or standard container.

The Force Protection concept underpins the existing security measures and is scalable to suit the needs of the customer.



High quality cameras



Spider command & control



Provision for high security zones



Appropriate perimeter protection

Command & control

Effective command & control is at the heart of our facility protection systems. For commanders to determine the appropriate response to a potential threat, three vital pieces of information are required:

- Where are my units?
- Where are the threats?
- What assets are available for response?

The Spider C2 system provides integrated end-to-end capability, from sensors to responders. Implementation begins with a thorough site survey. This identifies the threats and vulnerabilities of any chosen facility and forms the basis of the system design and Concept of Operations (CONOPS) development.

Situation awareness

Situation awareness is crucial in order to best deploy available resources and increase the time available to decision makers.

The Spider system effectively presents information and enables timely responses. The Common Operational Picture is provided by the integration of multiple sensors and fusion of information. Automated monitoring features alert operators to potential threat situations.

Features

- Complete situation awareness
- All weather/ day and night capability
- Scalable – area coverage as required
- Radar, electro-optical (EO) and infrared (IR) sensor technology
- Mobile and fixed deployment of sensors and C2
- Wide area picture interface available
- Configurable areas for alert and alarms
- Track history, route prediction and behaviour monitoring
- Identification, evaluation and prioritising potential threats
- Configurable security levels
- Definable action and response recommendations – security level dependent and customer configurable
- Integration with existing local security forces.
- Threat assessment and risk analysis
- Concept of Operations (CONOPS) development
- Personnel training and development
- Supportable commercial-off-the-shelf (COTS) based products.

Key components

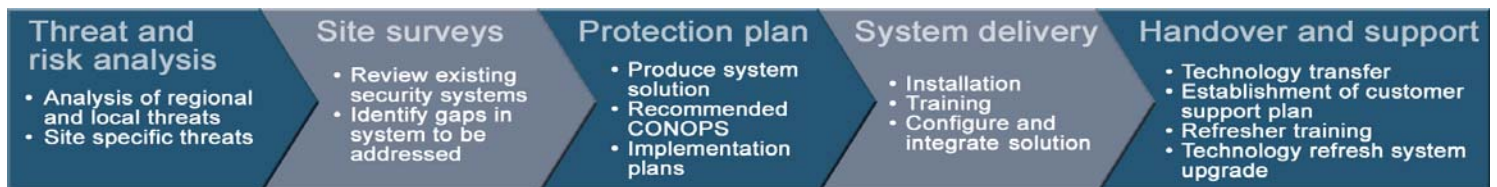
- High quality and long range cameras
- Ground sensors
- Guard houses
- Access control
- Perimeter protection
- Centralised Spider C2
- Deployable surveillance units (DSUs)
- Smart fence
- Scanners
- Communications
- Dedicated operations rooms
- Fixed and wireless communications.

Benefits

- Significantly enhances security
- Provides valuable time to respond
- Supports coordination of a response
- Increases efficiency and effectiveness of monitoring
- Improved operational effectiveness through repeatable responses
- Maintain constant operational effectiveness with minimal manpower.



OUR WHOLE LIFECYCLE APPROACH OFFERS A TOTAL SECURITY SOLUTION



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