



SAAB



WHAT **INCREASED SECURITY, LOWER COSTS**
THROUGH **FLEXIBILITY AND CONTROL**
BY **SOA-BASED SOLUTIONS**

NET CENTRIC **SECURITY** FOR **AIRPORTS**

General

The Net Centric Airport (NCA) is based on Saab's Net Centric Security concept, NCS. The Service Oriented Architecture (SOA) enables various kinds of equipment and systems to cooperate over the network - regardless of physical location or supplier. The result is a flexible and robust security solution that is easy to maintain, adapt and improve to meet your activity's every requirement.

Control

Know what's going on at your airport! The NCA's integrated and distributed Command and Control system provides unrivalled situation awareness. It can help you keep track of anything from aircraft to individual pieces of luggage. Radars and transponders, cameras, smart cards and RFID's can all be handled by the system. Sensor data and other information are merged into the Common Operational Picture, which is distributed to every

level of your organization - from commander to patrolling guard.

Automated surveillance equipment helps you monitor and protect your secure areas. Anything out of the ordinary, such as a person behaving suspiciously or luggage left unattended, is automatically detected through advanced video processing.

Efficiency

Traffic management, goods and luggage handling, access control and passenger screening - the NCA can bring all your systems together. The Command and Control system let you manage your resources in the most effective way. Multiple levels of decision support helps you take swift and effective measures, even when under pressure.

The NCA can be connected to the systems of authorities, local transportation companies, weather services etc. to create a well organized, effective and secure airport.

Security

The NCA's effective flow of information yields more control, which allows the flow of aircraft, goods, luggage and people to be increased while at the same time improving security. The NCA is a complete solution to your airport's every security need.

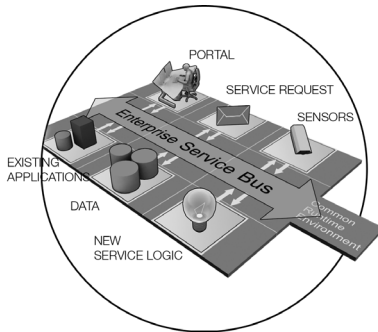
Optimal business solutions

Saab can take total technical responsibility including integration and selection of subcontractors, and through our partners we can man your system. Naturally, we also provide on-site support and maintenance of all delivered equipment.

Whether it's a system installation or a complete turnkey, total integration solution you need, Saab can provide it.

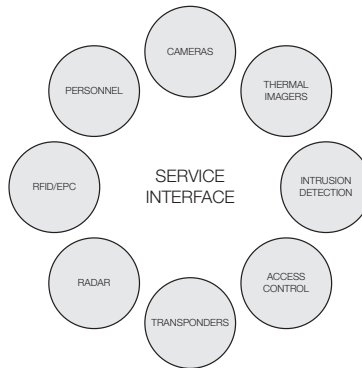
SOA-BASED

Built on the Service Oriented Architecture (SOA) principles for maximum flexibility and easy maintenance, NCA enable continuous upgrades and improvements.



FREEDOM OF CHOICE

The NCA architecture allows any sensor, system or other piece of equipment to be integrated. Old and new equipment can work together through the Service Interface.



COMMAND AND CONTROL

The NCA's fully distributed command and control capabilities are provided by the Saab Wearable Command Unit (WCU), which includes stationary and mobile units as well as hand-held systems.



OPEN STANDARDS

The NCA uses open standards only. New requirements from national and international organizations can be implemented easily and safely without increased costs.

- The Common Alerting Protocol (CAP) is used to integrate alarm functions.
- Sensors are controlled using the Common Command Protocol (CCP).
- The system relies heavily on XML, e.g. when designing reports or MMI layouts.

SENSORS

- Cameras and thermal imagers
- Radar
- RFID/EPC
- Access control points
- Intrusion detection equipment
- Transponders
- Support for multi-sensor fusion through Saab's world class data fusion engine.

ACCESS CONTROL

- Smart card technology, e.g. Mifare-cards.
- Support for biometric access control procedures like fingerprint, face recognition etc.

SITUATIONAL AWARENESS

- Exceptional Situational Awareness for all levels within the organization through the Common Operational Picture (COP).
- The NCA is fully distributed. Functionality is defined by role and task - not physical location.
- Role-based for maximum efficiency and security. Relevant information is easily accessible, but irrelevant data is suppressed, reducing information load.
- Multiple levels of decision support.
- User friendly. The MMI is optimized in accordance to hardware, user role and task at hand.