



Command and Control Integrated Solutions

Transforming security needs
into unique custom-made solutions

Building Technologies

SIEMENS

Siemens Command & Control Integrated Solutions - What is it all about?



Siemens SBT/SES/CCS delivers security solutions that support normal daily life and business operations while at the same time ensuring quick and efficient response to emergency situations. The following systems comprise the core architecture of all Siemens CCS Integrated Solutions.

- **Integrated Command and Operations Centres** – Fixed or mobile physical locations used to centralise and process all security information, ranging from a small emergency centre to a large national multi agency command centre.
- **SW Solutions for Command and Management Support** – Facilitating decision-making by providing useful information and situational awareness in a logical form to all commanders, regardless of their respective location, thus ensuring 'common view' of incidents.
- **Integrated Security Communications (Voice/Data/Video) Systems** – 'Carriers' of information between command and control centres, to and from security forces and across agency responsibilities. For example, Digital Trunk Radio System (DTRS), secure data networks, CCTV monitoring.

- **Wide Area & Public Utilities Surveillance System** – Intricately combined high-tech systems that detect, trigger event alarms and provide real-time incident-related information flow across wide areas. Examples are traffic & transportation surveillance systems with number plate recognition & anomalous behaviour detection capabilities, airborne surveillance systems.
- **Resource Tracking and Asset Management** – Systems that enhance response mechanisms and provide a safety faculty for deployed security forces, such as Automatic Vehicle / Personnel Locating Systems.
- **Perimeter and Physical Security Systems** – Defining & protecting either the operational perimeter of an entity (building, region etc.) or the entity itself. They may include fully integrated barrier, lighting, CCTV, cabling, access control, building protection & Perimeter Intrusion Detection systems.

The exact size, scope, and functionality of each of these systems is determined according to the operational requirements-unique for each and every customer.

Siemens CCS:
Integrating
Needs, Resources,
and Ideas into
a customized
Security Solution



Siemens CCS Integrated Security Solutions provide 'layered protection in depth'

Siemens CCS transforms unique customer requirements into an equally unique solution that maximizes operational effectiveness. Coupled with Siemens' global presence, vast reservoir of technical expertise, high-tech products and systems, Siemens CCS combines knowledge, implementation experience, effective project management, and an expert pool of people and ideas in order to develop the most appropriate Integrated Security Solution and its supporting architecture.

A typical CCS Integrated Solution will display the following characteristics:

- **Proven Commercial of the Shelf Technologies** – The hardware and software comprising a CCS Integrated Solution have been proven in previous projects. They are leading edge, robust and flexible products.
- **Open Architecture** – A CCS Integrated Solution may crosscut several customer sectors such as public utilities and security. Siemens

CCS solutions are scalable and modular; adaptable, upgradeable, expandable.

- **Expert Project Management and supporting services** – All project phases, from user requirements analysis, contract management and support are rapidly implemented, efficiently conducted, and based on lean management structures.
- **Supported by Siemens Global Network of Innovation** – Any integration, interfacing and customization required for the proposed applications and systems is conducted by Siemens, a truly global group of companies that excels in high-tech solutions design and implementation.

Siemens SBT/SES/CCS Integrated Solutions – tailored to your specific operational needs

A Siemens CCS Integrated Solution - Who could gain from it, and where is it applicable?



Major Events: The safety and security of a major event taking place in the near future, with thousands of spectators and multiple stakeholders is a huge responsibility. The successful completion of many medium & large scale event security projects is the best validation of the specialized know-how and experience Siemens CCS possesses.

Public Sector: Upgrading & integrating Public Safety, border control or security agencies operational framework while balancing freedom of movement requires conceptual flexibility and design adaptability. These are standard features of any integrated security solution designed and implemented by Siemens CCS.

Utilities: Local and national governments throughout the world place the upgrade of utility infrastructures, such as Metropolitan and transportation infrastructure, electricity facilities and power networks, at the top of their priorities. Siemens CCS has proven expertise in

providing solutions addressing precisely these needs.

Power Plants/Oil & Gas/Industrial Infrastructure : Ensuring the safety and security of industrial & energy assets, resources and people across a vast geographical area- even remote from HQ- is not an easy task. Siemens CCS provides truly integrated security solutions for such high-profile, high-risk, national assets.

Transportation infrastructure (Land / Maritime / Air): Siemens CCS has demonstrated the necessary know-how in creating integrated security solutions specifically designed for the needs of transportation infrastructure that maintain -and even improve- current service levels.

Siemens CCS has the know-how and experience to provide the most appropriate security solution for each unique set of requirements on time, within budget, and at optimal performance.

Siemens CCS
transforms
unique security
requirements
into a custom-
made Command
and Control
Integrated
Solution



Siemens CCS Integrated Solutions- The Direct Operational Benefits:

- Efficient & secure coverage of large areas
- Phased implementation ensuring minimal negative impact on on-going operations
- Secure distribution of information, video stream & data over fast, reliable Local and Wide Area Networks
- Effective conduct of multi-agency Security operations requiring integrated Command, Control, Decision Support, Communication & Intelligence Management tools
- Command & Control Centers have a common operational picture & resource status from the beginning to the closing of any incident
- Mobile & static security forces management using Voice & Data with continuous Incident Information flow to and from all Command Centers

Siemens CCS Integrated Solutions- The Direct Program Benefits:

- One single contract and project control mechanism (reduced vendor interfaces)
- Reduced technical and integration risk due to size and experience of Siemens Global Network
- Use of open architecture, products and systems
- Integrated Customer - Siemens project management ensuring user requirements and specifications compliance and efficient transfer of knowledge
- Upgradeable and 'future proof'

Having successfully implemented many Medium and Large Scaled Security Projects, Siemens CCS develops Integrated Solutions from user requirements analysis, capability description and project definition to project design, implementation, commissioning, training, and real life support services.

Siemens CCS
delivers top
quality security
solutions on
a truly global
scale

We have so much more to tell you!

For more information on Siemens CCS Integrated Solutions, please
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