

# delcosecurity



## INTEGRATED SECURITY SYSTEMS

SERVICES    SYSTEM ENGINEERING    EDUCATION    SUPPORT PROGRAMS    SYSTEM INSTALLATION

### SYSTEM ENGINEERING

DelcoSecurity is a full service engineering & manufacturing company providing, integrated security systems, electrical control panels and associated field services.

DelcoSecurity provides integrated security systems to correctional facilities, courthouses, hospitals and universities.



*Passionately focused on your success*

## Requirements Gathering

Through detailed client interviews, site surveys, and threat analysis and industry reviews, we can provide proven recommendations on system functionality, operational procedures, and equipment specifications. Our team has over 10 years of experience in interfacing to diverse security subsystems into a comprehensive easy-to-use, quick to respond integrated security systems, which meet the unique needs of the end-user.

## Systems Engineering

From our analysis of the clients' needs, our team develops a conceptual system solution – before any detailed engineering takes place. Then, once accepted, the system is engineered to meet the requirements, based upon the conceptual design.

Delco's APEX integrated security system brings together card access, cell door control, intercoms, personal duress, perimeter intrusion, fire, video surveillance and other subsystems.

By defining the various systems to be deployed to meet the requirements and reviewing the interfacing requirements, we select the appropriate partners presented to the client. Combining the capabilities of APEX with the products of our partners and suppliers, we design a total system solution.

## Applications Engineering

DelcoSecurity's team of engineers have skills and experience in a full range of control and information technologies from the design and manufacture of embedded computers, Programmable Logic

Controllers (PLC's), control panels, computer networks, state-of-the-art control posts, interfaces to enterprise information systems. These technologies allow Delco to seamlessly knit together the diverse security subsystems

## Manufacturing

Delco has in-house capability to design and manufacture custom control and instrumentation panels to CSA standards. These panels are manufactured to indoor or outdoor ratings, NEMA 4X and 12 ratings. They can be situated in very hostile environments.

## Commissioning

The project is not complete until the end-user is trained, comfortable and satisfied with the system's operation and maintainability.

Delco staff supervise the installation of all aspects of the system with particular attention paid to the customer's safety and environmental policies, procedures and concerns.

Delco provides a complete set of Operations and Maintenance Manuals complete with system architecture drawings, Riser Diagrams, floor plans, wiring and cabling drawings, mechanical and electrical shop drawings, and data sheets.

Delco provides on-site training of both the client's operations staff, and their maintenance staff.

At your request, through our ESS (Extended Support Service) we are capable of providing 24/7 help desk support and on-call technician visits.