

Overview

Kratos offers Data Centre and Server Room design, build, refurbishment, relocation and support. As part of the Kratos Group we bring in-house products and expertise to meet the most demanding of customer requirements.

The Data centre and data warehousing capabilities we offer include: Partition walls, ceilings, flooring, air conditioning, lighting, UPS, Generator, Power Infrastructure, voice and data cabling, Fire systems, CCTV, access control and environmental monitoring and control.

We can offer aisle containment and range of air conditioning solutions for energy efficient and cost effective operation.

We offer full project services: Design, Technology and Product Selection, Project Management, Turnkey Installations, Commissioning and Training.

We can also offer a full 24/7 maintenance and service solution.

Access Control

Access control solutions from Kratos help organizations ensure that employees always have access to their assigned areas at the appropriate times while protecting your assets. From traditional card readers and access credentials to the emerging technology of edge devices and smart cards, Kratos access control solutions are fully scalable and combine state-of-the-art technology with ease of use to provide the perfect mix of security and convenience.



Biometrics

Biometrics includes technologies that measure and analyse human body characteristics, such as fingerprints, eye retinas and irises, facial patterns and hand measurements, for authentication purposes. Kratos provides a biometric design solution to provide the highest levels of personnel authentication.

Electronically Controlled Barriers

Our electronic barrier and enforcement systems are selected to provide the greatest perimeter protection while allowing the proper flow of personnel traffic.

Building Automation and Control

Integrated facility Management

Integration of facility control systems provides personnel a central location to receive and respond to events affecting facility operating conditions. During normal operating hours, the integrated system provides for immediate response; after hours, information is available through the internet or through a dial-up connection.

An integrated facility also provides scheduling capability and tracking of after-hours use to insure correct operating conditions, the allocation of costs to appropriate departments or tenants, and detection of abnormal building conditions before safety or tenant comfort is compromised.



Building Automation and Control (Continued)

Direct Digital Controls (DDC)

DDC is often used to control heating, ventilating, and air conditioning (HVAC) devices, such as valves, via microprocessors using software to perform the control logic. DDC systems receive analogue and digital inputs from the sensors and devices installed in the HVAC system and, according to the control logic, provide analogue or digital outputs to control the HVAC system devices. These systems may be mated with software that graphically allows operators to monitor, control, alarm, and diagnose building equipment remotely. Kratos has successfully implemented hundreds of DDC systems which provide their users the convenience of remote access and control to manage multiple building interfaces.

Lighting Control

Lighting control is one of the most cost-effective ways to increase the quality and flexibility of a building. Control of lighting systems may include on/off controls, occupancy sensors and photocells, scheduled use, and use on demand.

Environmental Monitoring

Environmental monitoring is designed to help extend the life of equipment and provide increased reliability. Monitoring conditions within a facility allows proactive response prior to any equipment malfunction. Monitored conditions may include temperature, humidity, water, and power. System monitoring will provide the early warnings necessary to minimize impact on network availability.

System Monitoring

Kratos has developed a service centre to meet the growing demand for 24-hour monitoring of mission critical facilities and equipment. Kratos successfully combines the convenience and benefits of a monitored system with a full maintenance/services group to provide maximum cost savings to our clients. These services include technician support and dispatch centre, phone support, emergency service, preventive maintenance, system commissioning, event monitoring, system database maintenance, and system status reporting. These services are available 24 hours a day, 365 days a year.

IP/CCTV Security & Surveillance

Digital Video Transmission and Recording

Kratos designs network video recording (NVR) systems allowing the operator to view live images, as well as to support recording, playback and remote access. Our NVR solution supports the connection of a variety of network IP cameras and video servers from the finest manufacturers.

Analogue CCTV and Recording Solutions

Kratos provides the latest in analogue CCTV camera and recording solutions from an entry-level standalone digital video recorder (DVR) to enterprise level suitable for a wide range of applications and budgets.



IP/CCTV Security & Surveillance (Continued)

IP Surveillance Network Solutions

Our IP network video solutions provide clients with the latest IP cameras, streaming video over IP networks with pure digital transmission. The streaming video can then be recorded digitally using various recording technologies such as hybrid recorders, network video recorders (NVR), IP cameras with on-board storage, or software-based IP camera transmission and recording to existing network-attached storage locations.

Remote Access and Graphical User Interface (GUI)

Kratos' Remote Access and Graphical User Interface design allows our clients to receive information and control the systematic functions of their facilities' security and surveillance systems to provide not only ease of use, but also a timely, accurate response to transmitted information.

Fire and Life Safety

Conventional Fire Alarm

Kratos provides cost-effective fire protection for smaller facilities. We employ user-friendly interfaces, addressable control panels, and intelligent detectors. These control panels provide reliable fire signalling protection for small to medium-sized commercial, industrial, and institutional buildings.

Advanced Analog Addressable

Superior fire protection in addressable modularity and scalable platforms gives your facility the freedom for future expansions and adaptations to varying requirements.



Voice Evacuation

Kratos provides networked Digital Voice Command (DVC), the heart of an integrated, full-featured audio command centre. The DVC combines the capabilities of a powerful digital audio processor, an event driven audio message generator, and a router. Twisted-pair wire, multi-mode fibre, or single-mode fibre media options are supported. Larger audio systems incorporating hundreds of amplifiers can be created by networking multiple site buildings.

Mass Notification Systems

Mass notification systems are becoming an integral part of both emergency and non-emergency communications for organizations of all sizes, in all industries. Mass notification can help minimize loss of human life, as well as increase revenue and save costs – benefits already appreciated by many organizations utilizing these systems. Kratos partners with leading technology manufacturers to support your scalable mass notification design.