بسم الله الرحمن الرحيم

SCiT

SMART COMMUNICATING SOLUTIONS

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IT. Solution
Security Solutions
Our Customer
Solar System

IT. Solution

Title
Data Center
Integrated Building & Compounds Management System
Networking and Broadband Networking Solutions
Mobile Assets Security and Monitoring Systems.
Home Automation System (HAS)
Wireless Solution
Custom Application
Professional & Technical Support

Data Center

Data Center requirements:

Preparing all aspects of a data center critically includes the following:

- ➢ Telecommunications cabling system
- ➢ Equipment floor plan
- ➢ Electrical Maps
- ➢ Architectural plan
- ➢ Security system
- ➢ Monitoring System

Data Center

Data Center Components

- ➢ Civil Works
- ➢ High Floor
- ➢ Fire Alarms System
- ➢ Control A/C
- ➢ Electrical Works & UPS
- ➢ Data Center Monitoring System
- ➢ LCD Monitors
- ➢ Access Control System
- ➢ IP CCTV
- ➢ Power Generator

Integrated Building & Compounds Management System

Buildings need a method to intelligently control systems and huge data may be generated during working hours. Building Management Systems (BMS) provides that brain, a single source solution for environmental control, automation, life-safety and energy management systems.

We help designing and installing intelligent building management and security systems that deliver solutions for access control, air conditioning, video surveillance, lighting control and energy efficiency. We achieve results that create a comfortable, economical and secure environment.

- Closed Circuit Television (CCTV)
- Fire Detection and Alarm System
- Access Control System
- Intrusion Detection System (IDS)
- System Integration/ Building Management System (BMS)
- Structural Cabling (LAN,WAN and Internet Connections)
- Fire Fighting/Fire Suppression System
- Automatic/Electric Gate system

Integrated Building & Compounds Management System

SCS offers a range of Networking Solutions for all types of data transmissions. Our complete set of services enable end users to transmit various forms of data or simply surf net anywhere within an implementation network radius.

SCS expertise combines wired connectivity with the power of wireless solutions to provide the most effective and efficient solution for range of cost requirements, environments and network capabilities

Where required, **SCS** partner with telecommunication providers to achieve economic intranet networks.

Networking can be used for any type of data including the enhancement and extension of enterprise-wide information particularly in the multimedia, communication and entertainment services.

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It can form a base framework for other value added services such as CCTV, community portals and VOIP.

Networking and Broadband Networking Solutions

SCS   networking department s focus on:

1. Building a scalable Gigabit network to cater for future demands.
2. Greater Bandwidth to support ever-growing data requirements.
3. Simple networks to provide seamless connectivity across network and devices integration

Through years of experience in network solutions, **SCS** services include full requirements studies, network consulting, design, implementation, testing and also maintenance.

SCS recognizes the importance of efficient capital investment to achieve the desired network, low operating costs, long term service levels and maintenance and scalable systems to provide for growth.

SCS

the smarter way to communicate

Mobile Assets Security and Monitoring Systems.

mobile asset security system that enables remote tracking and monitoring of the asset. The security system is equipped with a control and intelligence unit, a position determining device and a number of intrusion detection devices.

The control and intelligence unit processes information from the position determining device with help of an in-built virtual mapping system to obtain geographic information of the vehicle in the form of name of place, street, coordinates, etc.

The geographic information and information regarding any violation of intrusion detection devices are converted to synthesized speech using a text to speech system. The text to speech system converts speech to a language desired by the user. The synthesized speech is transmitted to the user's communication device over an existing communication network.

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Mobile Assets Security and Monitoring Systems.

Mobile Assets Security and Monitoring Systems.

SCS Asset Tracking Monitoring Systems can protect your Organization from losses due to theft, damage, vandalism or misplacement of assets through integration of the following components:

- o Access Control Systems
- o CCTV and Video Surveillance
- o Digital Archiving Systems and Remote Monitoring
- o GPS and GIS capabilities

In case of an emergency, alarm and response systems can ensure swift response from appropriate Safety and/or Security personnel through   a 24/7 Central Monitoring Station.

Global Positioning Satellite (GPS) Tracking Technologies provide accurate, real-time tracking of inventory and transportation equipment.

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Integrated to a Central Monitoring Station, an alarm and response system ensures swift response to and from appropriate safety and security personnel.

Home Automation System (HAS)

This burgeoning industry has spawned a choice selection of products from several respected manufacturers.

SCS compiles a list of best home automation systems available then SCS ranks them based on their performance in a variety of categories. SCS looks at the feature sets offered by each system, including performance of their triggers, flexibility of their macros and additional features like voice recognition. Products were also rated on their level of compatibility with several popular applications—like iTunes and Windows Media Center.

Finally, SCS rates each system on its respective ease of use as well as the customer support that each service offered.

Home Automation System (HAS)

Features

In this section of reviews, SCS looks at whether system offered remote access and ability to construct basic triggers and macros. Triggers are activated when certain programmed conditions are met. For example, you can set a trigger to turn your lights off at a certain time at morning or to turn them all on at sunset. A macro could shut off all of your house lights at sunset, turn lights on outdoor and turn radio on in your bedroom.

SCS also looks for voice recognition capabilities in each system.

Home Automation System (HAS)

Compatibility

Another important category for these home automation systems is their compatibility. When you're on the hunt for full-home automation, you need to be sure that product you select will control aspects of your house that you want.

We examine whether these programs would work with popular applications like iTunes and Windows Media Player. We also check to be sure they support popular home automation device technologies like Z-Wave, X10 and INSTEON. Finally, we looked for multiple OS compatibility.

Ease of Use

This category, naturally, deals with systems' ease of use. We rated each product on its ability to produce an intuitive user interface with triggers and macros that are simple to implement.

Solar System

Compatibility

Due to power shortage and problems that we face most of the time, Solar Systems were implemented to get rid of this problem.
For our consequences we will provide four types of Solar System that we will display them: Solar Combination, Solar Light V3, Solar Light V4, Sunny Park.

Remote solar lighting solution

Advantages

This 4 Solar Combinations are the most suitable ones to have a good service at your home , street , etc. .
Here are the advantages:

- Can be installed Indoor
- Faces Dust Storms
- Long-Life Batteries

Wireless Solutions

Wireless Broadband Townships

Wireless Broadband Townships provision of automatic connectivity high-speed, wireless broadband connectivity within a development or township has become a norm ("Internet Ready Townships") and a necessity to enhance lifestyle of community, build bridge digital divides and empower public works and safety departments to be more effective.

For Property Developers and Telecommunication suppliers, provision of high-speed wireless connectivity has been proven to increase popularity of property locations and boost concentration of subscribers.

Wireless Broadband acts as a strong marketing strategy to boost sales and increase property values within townships.
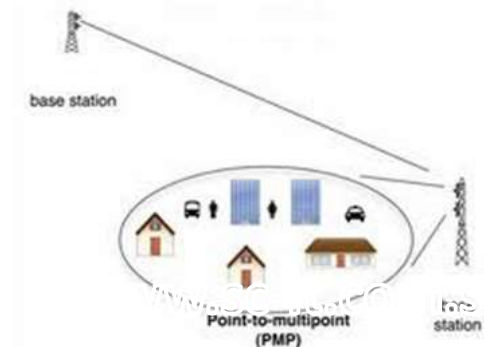
Wireless Broadband helps create economic opportunities for communities by providing high speed internet and little or no cost. It helps attracting new business.

Wireless Solutions

Wireless Broadband Townships

Wireless Broadband networks are relatively cost effective and also fast and simple to install, enabling business developers and service provider partners to deploy their high-speed networks at high speed.

When capacity needs increase, **SCS** solutions are scalable to accommodate changing requirements, wider geographic areas, larger.

SCS is specialist and pioneer in wireless broadband solutions and has consistently delivered scalable wireless broadband solutions for performance, reliability and security in a range of environments and business.
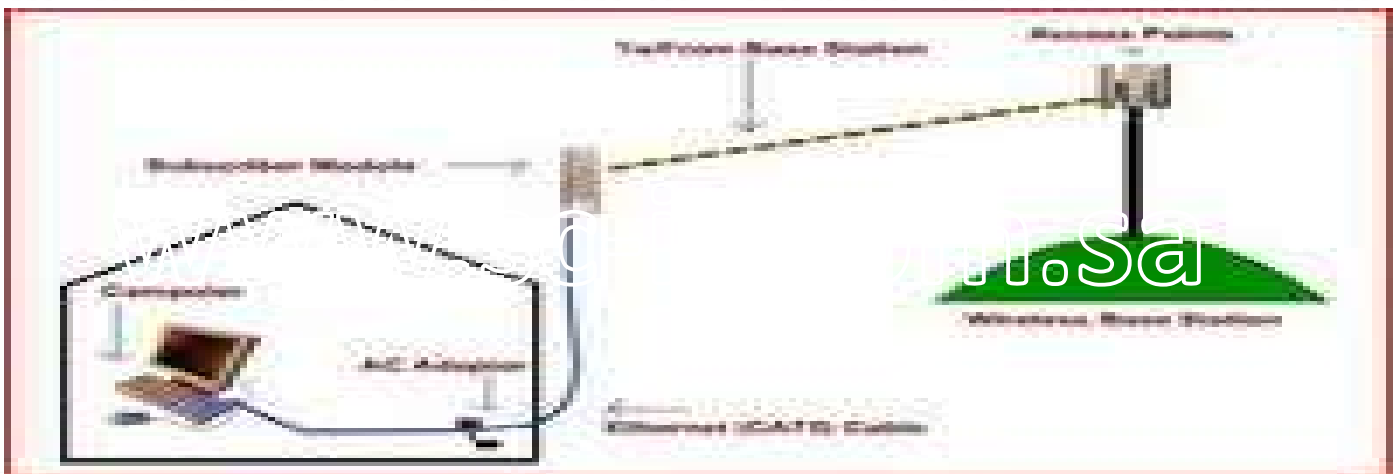
Wireless Solutions

Wireless and Routers

SCS wireless is a versatile open architecture 802.11 based outdoor wireless platform that can be used in many applications being developed. It features exceptional radio and antenna design which allows links to be established over distances of 100km and can provide significantly increased throughput (up to 100 Mbps TCP/IP) over other solutions in comparable environments.
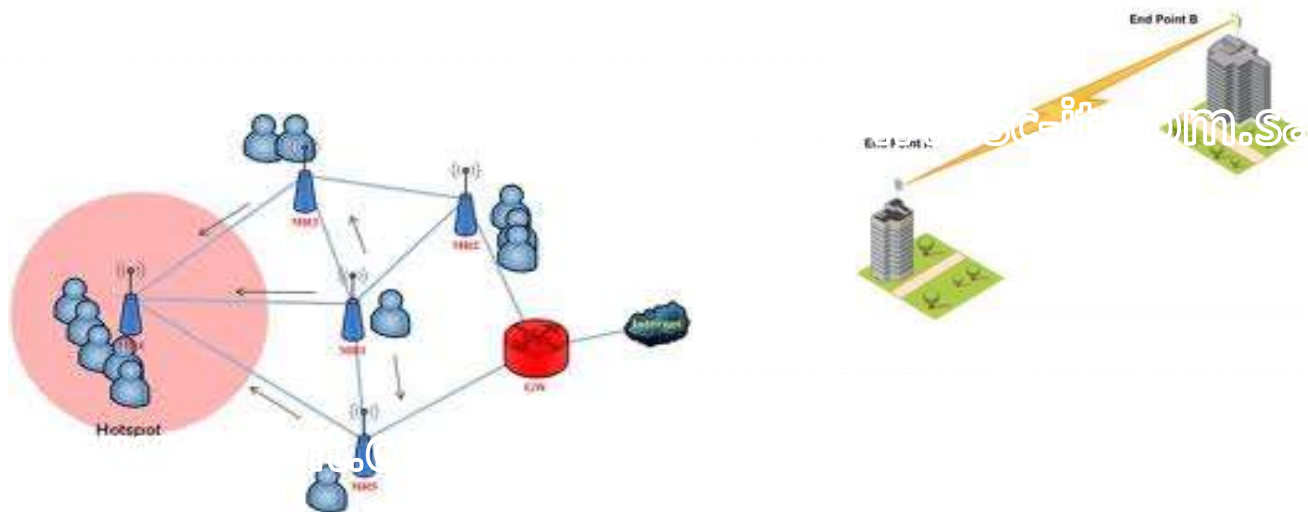
Custom Application

At the core of **SCS** capabilities lies a software development expertise. Over years, **SCS** team of experienced developers helped companies design, develop and deploy numerous desktop, client-server, web-based, and hand-held applications.

SCS team of software engineers and consultants have expertise to help. **SCS** core competencies are in following technologies:

- Microsoft .Net
- Microsoft SQL Server
- ASPNET 3.5,4
- Oracle Database
- HTML/CSS/JavaScript
- Odoo ERP System
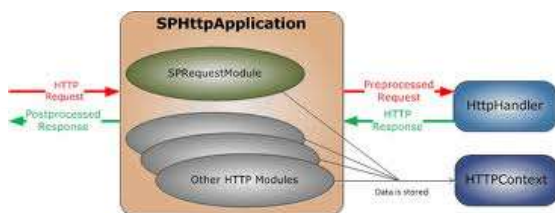
Profrssional & Teschnical Support

SCS provides an expansive range of staff augmentation services, personnel, and options to support and/or supplement your IT department. **SCS** consultants are certified in a wide range of technologies, making **SCS** the perfect partner when you have explicit needs.

In addition, **SCS** brings proven project management methodology to every engagement, and **SCS** always strives to provide a service beyond your best expectations. For instance, if your organization needs outsourced help desk services, **SCS** can deliver a seamless experience for both your internal staff — and for your customers.

Security Solutions

Title
Integrated CCTV. System
Central Monitoring Station (CMS)
Fire and Safety

Integrated CCTV. System

Integrated CCTV and Surveillance Systems become a necessary measure to enhance prevention.

CCTVs are "silent witnesses" in circumstances are invaluable. **SCS** is a pioneer and leading provider of CCTVs which are an effective deterrent.

Integrated CCTV and Surveillance Systems. Solutions provided by **SCS** combine cutting-edge video imaging hardware and software systems linked through efficient and cost effective data transmission networks.

Integrated CCTV. System

SCS offers end-to-end CCTV Systems which include:
- Evaluation and assessment of security requirements; Consultation of equipment, network and operational design; Provision and installation of hardware and software.
- Design and installation of Central Command Centers.
- Design and installation of data viewing and storage methodologies.
- Integration with building management and alarm systems.
- Scheduled hardware maintenance.
- Ongoing training for management of CCTV platforms.

Efficiency and reliability of CCTV images are important to detection, and prevention.

SCS specializes in large scale network design and implementations, using wireless and wired connectivity as an integral part of image transfer and monitoring.

Central Monitoring Station (CMS)

Central Monitoring Station (CMS) is a central call center which links CCTV and alarm systems to safety.

This center delivers unprecedented integrated safety and security to client by linking surveillance, building management and alarm systems to central monitoring, trouble shooting and communication with police, hospitals, fire stations, and a special armed guard service.

Communication can be established through wired and wireless backbone as well as through high-speed Internet.

The CMS operates 24/7 and also forms a help desk for clients. Station is capable of running event based monitoring through network.

Equipment in this Station includes two-way audio communication devises and digital recording which also forms a customer's image archive system for tracking and investigations.

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The system also reduces false alarms by allowing video verification prior to contacting authorities.

Fire and Safety

SCS is a market leader in fire and safety industry, specialized in supply, installation, design, testing, commissioning and maintenance of fire fighting, safety and security systems.

Title
Fire Alarm System (FAS)
FM200
Gates
Fence
Guard Tour System

Fire Alarm System (FAS)

SCS team involves professional engineers and specialized **technicians for fire protection system** to protect your investment.
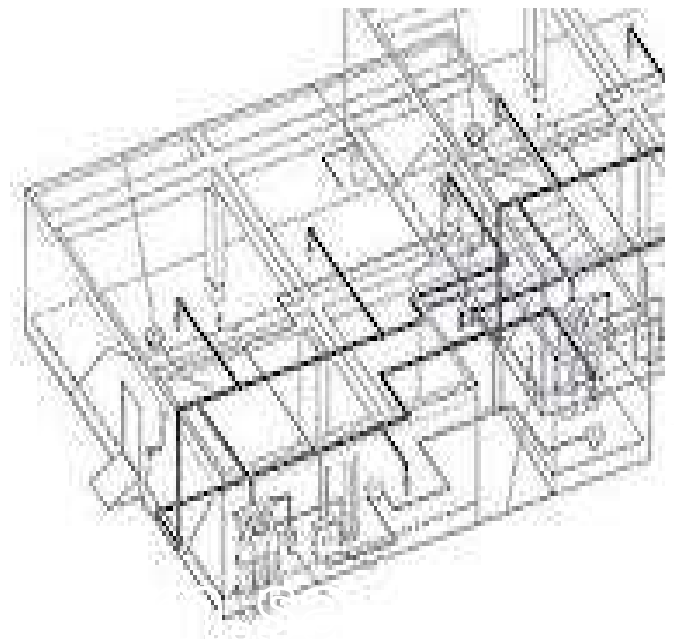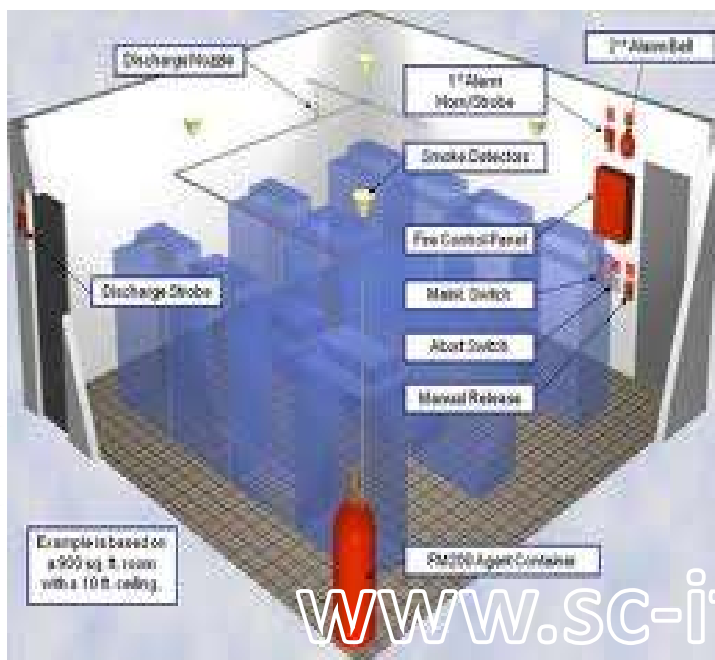
SCS can offer wide range of design solution in field of **fire alarm and firefighting system.**
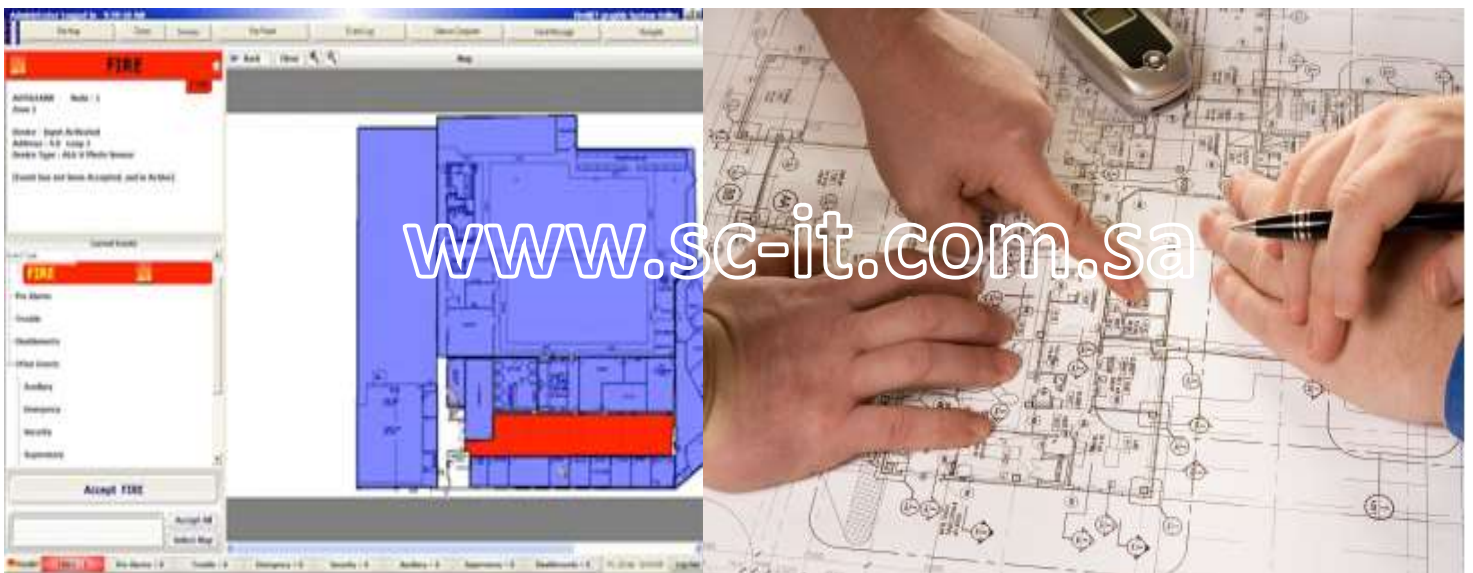
Fire Alarm System (FAS)

SCS field focuses on **Design, Supply and Installation** by highly trained and experienced Engineers and Technicians.

SCS has Complete Projects, commercial and industrial **fire alarm system, firefighting system.**

FM 200

Chemetron™ FM-200® fire suppression systems work hand-in-hand with state-of-the-art control and detection components to identify and extinguish fires, long before substantial fire damage can occur. Without changing your current control panel or detection systems, an existing system can be easily converted to FM-200® Chemetron™ has integrated state-of-the-art fire detection technology and clean-agent chemistry to provide cost effective fire protection for applications containing high-value critical data and sensitive equipment. FM-200 Clean Agent fire suppression systems provide an environmentally acceptable solution for your fire protection needs, where clean-up presents a problem, where electrically non-conductive medium is needed, and where people compatibility is an overriding factor. A quality fire protection system is much more cost effective than replacing high-value critical data and sensitive electronic equipment.

Chemetron™ FM200
Approvals & Standards:
•Factory Mutual Research Corporation (FMRC).
•Underwriters Laboratories, Inc. (UL).
•Underwriters Laboratories of Canada, Inc. (ULC).
•NFPA 2001: Clean Agent Fire Extinguishing Systems).

Gates

Road Blocker

- The system blocks streets and gates within seconds
- Withstand high impact (typically up to trucks).
- Provide fast operating cycles.
- Suitable for embassies, ministries, palaces and other high risk facilities
- Can be combined with bollards to control traffic.
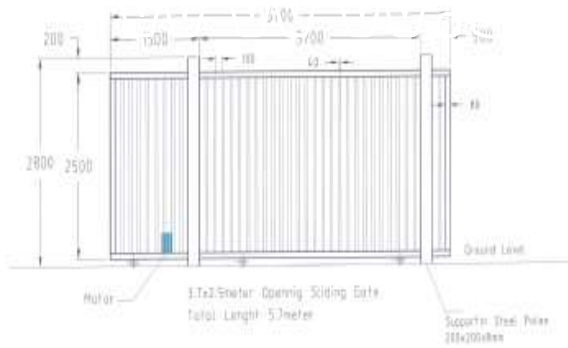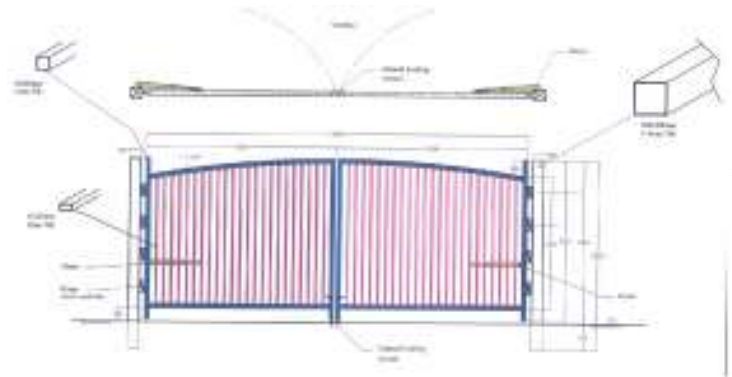- Corrosion protected for in ground installation.

Gates

Barrier

Italian security gate for enter or exit (Electro Mechanical lever) high quality durable arm consisting of the main control panel and reflective sticker
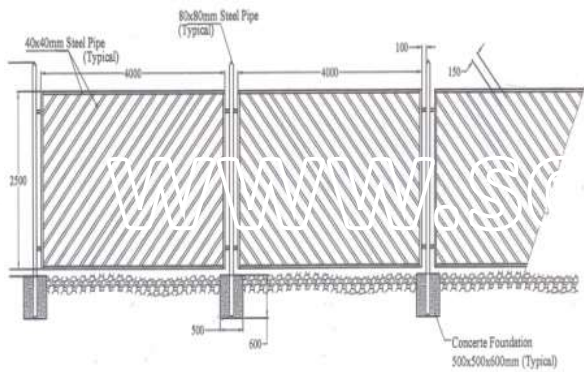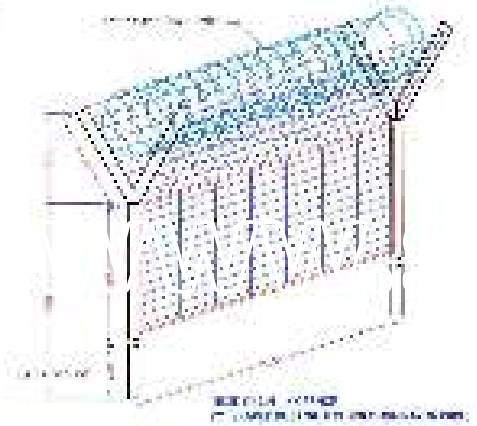
Gates

Door's

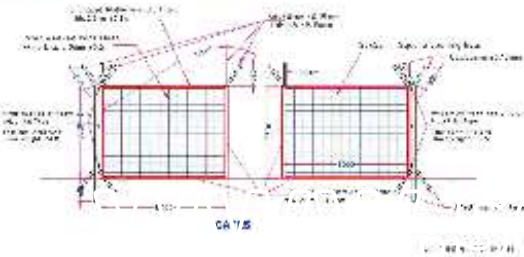security gate for enter or exit (Electro Mechanical lever)

Fence

- ✓ Pyramid Razor Wire
- ✓ Fence System
- ✓ Rigid Security Fence System
- ✓ Diamond Fence for Palaces

Guard Tour System

Security guard round monitoring system has been specifically designed for work in areas with high risk , such as refineries, nuclear stations, chemical plants, agro-feed lots, pharmaceutical facilities, electrical generation stations, etc. It can record presence of security personnel at particular times and places using a proximity reading, without need for contact, using tag control points and other types of transponders.

This system has been designed and tested to stand up to intensive use under all types of conditions, even in areas with high risk.

Our Customer

Our Customer

SCiT

SMART COMMUNICATING SOLUTIONS

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