SILVERTECH

SMART SOLUTIONS

COMPANY **PROFILE**

WHO ARE WE?

Engineering, Contracting and Service company that provides Fire Detection, Fire Protection, Security, Automation and Telecommunications Systems across a broad spectrum of industries within the African market.

We have business relationship with reputed manufacturers from USA, Europe and Asia in order to provide our clients with the state of art technologies.

Our diverse range of products and services enable us to meet the most stringent requirements of our valued and satisfied customers.

We help our clients overcome their risk challenges in order to realize their full potential. We ensure that we add value to our clients by implementing cost-effective solutions tailored to address their specific needs.
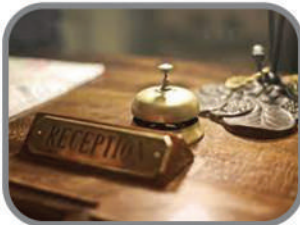
WHAT CAN WE DO?

Life Safety

Security

Multimedia

Automation

WHERE DO WE WORK?

Hospitality

Industry

Banking

Residential

Telecommunication

Commercial

Power Plant

Transport

Oil & Gas

OUR SERVICES

System Design Including:
Initial Study and Conceptual Design.
System Value Engineering.
Advanced System Calculations.

System Drawings Production Including:
Single Line Diagrams, Shop Drawings & As-Built Drawings.

System Installation Services Including:
System Supervision Services.
System Installation Services.
System Programming & Commissioning Services.
In-House Training of Clients / Operators.
On-Site Training of Clients / Operators.

System Maintenance Services Including:
Periodic Predictive and Preventive Maintenance Contracts.
Emergency Breakdown Maintenance Contracts.

GLOBAL PRODUCTS

detnov | interlogix (A UTC Fire & Security Company) | EST Life Safety & Communications | vehant TECHNOLOGIES | suprema

VIVOTEK | TOA | TURNSTAR Controlling Access ★ Improving Security | ebitt FLUID TECHNOLOGIES | Danfoss

RISCO | 11K LIQUID LEAK DETECTION SYSTEMS | FSL | AirSense TECHNOLOGY | VIMPEX | NETIX CONTROLS

HIKVISION | GST | xtralis VESDA | LDA audioTech | Kidde Fire Protection

Akuvox | AW ASENWARE | HD FIRE PROTECT | ASTROPHYSICS | optima

LIFE SAFETY SOLUTIONS

Detection & Alarm System

Integrated Detection Systems are designed to discover early warning of:-

- Fire Detection.
- Water Leakage Detection.
- Gas Detection.
- Aspirating Detection

☑ Reliable detection & notification.

☑ High accuracy of cross sensitivity.

☑ Speedy detection when it comes to dangerous substances such gases.

☑ Efficient organization of all necessary life safety network information into context-sensitive event-driven screen quadrants.

☑ System cloud monitoring & control.

☑ Touch graphical display of 3D facility layouts.

☑ Integration through hardware and software with with BMS, ISMS and Voice Evacuation Systems.

☑ Efficient monitoring & control.

LIFE SAFETY SOLUTIONS

Fire Suppression System

All types of fire suppression systems varying from:-

- Clean Agents.
- Kitchen Wet Chemical.
- Inert Gases.
- Carbon Dioxide.
- Electrical Cabinets.

☑ Increased system reliability through continuous monitoring of lines low pressure, fire detection, discharge etc.

☑ Require minimal cleanup and leave no residue.

☑ Automated operation.

☑ Pre-engineered system designed for particular volume.

☑ Contains fire detectors and alarms.

☑ NFPA 2001, UL, FM & LPCB Approved.

☑ Meets US and European safety and performance standards.

LIFE SAFETY SOLUTIONS

Clean Agent Refill Station

All types of clean agents varying from:-

> 1. FM200 (HFC227ea).
>
> 2. Novec1230 (FK5112).

- ☑ Fast and reliable backup.
- ☑ Sufficient low cost.
- ☑ Automated operation.
- ☑ Cylinder hydrostatic test.
- ☑ Leakage inspection.
- ☑ UL Listed & FM approved gases.
- ☑ Meets US and European safety and performance standards.
- ☑ EHS compliance.
- ☑ Pressurizing at all operated pressures.
- ☑ Filling most common cylinder types.

LIFE SAFETY SOLUTIONS

Automatic Firefighting System

All types of firefighting systems varying from:-

1. Foam Water Deluge.
2. Water Spray.
3. Water Sprinkler.
4. High Pressure Water Mist

☑ UL Listed & FM Approved.

☑ Ability of cooling surface temp, helping to reduce rekindling and improve water's ability to extinguish flames.

☑ Suppressing the release of flammable vapors that can mix with air.

☑ Automated operation.

☑ Contains fire detectors and alarms.

☑ Efficient protection for aircraft hangars, flammable liquid tanks, high voltage electric equipment applications.

LIFE SAFETY SOLUTIONS
Fire Protection System

All types of fire protection systems varying from:-

| 1. Fire Pumps. | 2. Fire Hydrant. | 3. Control Valves. | 4. Fire Extinguishers |

☑ NFPA 2001, UL, FM & LPCB Approved.

☑ Meets US or European safety and performance standards.

☑ Safety measure & emergency equipment.

☑ Manual operation.

☑ Hydraulic flow & pressure analysis.

☑ Increased system reliability through continuous monitoring of lines.

☑ Fighting the fire from the long distance.

☑ High accessibility.

SECURITY SOLUTIONS

Integrated Security Management System

Smart Integrated Security System of:-

> 1. Access Control.
> 2. CCTV & Video Management Software (VMS).
> 3. Intrusion Alarm Detection.
> 4. Door Intercom.

- Superior image quality.
- Scalability and flexibility.
- Remote accessibility.
- Visitor management.
- Automatic identification of people & objects.
- Integrates Multi Technology Solution.
- Alert notification by SMS and email.
- SAP Integration.
- Rule based actions.
- Law enforcement.
- Real-time recording.
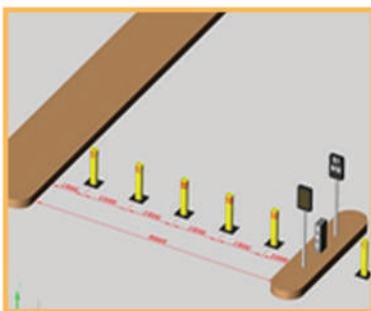
SECURITY SOLUTIONS

Entry Check Point & Gate Security

All types of security equipment varying from:-

- Automatic Rising Bollards.
- Traffic Barriers.
- X-Ray Machines.
- Pedestrian Turnstiles.
- UVSS & ANPR.
- Walk Through Metal Detectors.

- High end security.
- Control Via mobile Bluetooth / Wi-Fi.
- Automatic identification of vehicles.
- Integrates Multi Technology Solution.
- Helps minimize traffic jams.
- Identify the owners and open gates accordingly
- Capturing driver image.

AUTOMATION SOLUTIONS

Building Automation System

Integrated Building Automation Systems of:-

- Building Management System.
- Energy Management.
- Battery Monitoring.

- Lighting Control.
- Environment Monitoring.

- ☑ Building energy and cost saving.
- ☑ Facilitating the detection of energy leakage and theft.
- ☑ Monitor and track compliance to regulations.
- ☑ Control Via mobile Bluetooth / Wi-Fi.
- ☑ Pressure and pump optimization.
- ☑ Respond in real time and without lags
- ☑ Clear alarm annunciation.
- ☑ Tenant billing system.
- ☑ Customized reports.
- ☑ Monitor and track compliance to regulations.

MULTIMEDIA SOLUTIONS

Audio & Infrastructure System

All types of Multimedia solutions varying from:-

- Background Music & Public Address.
- Voice Evacuation.
- Structure Cabling.

☑ Sensing noise level in areas and adjust background music accordingly.

☑ Delivers music from different audio sources to any area or zone.

☑ Source selection and volume controls through keypad. Broadcasts Pre-recorded voice evacuation messages through speakers available in the building.

☑ Giving patients access to quick, timely care.

PROJECT MANAGEMENT

- ☑ Initiation.
- ☑ Planning.
- ☑ Execution.
- ☑ Project Monitor & Control.
- ☑ Project Closure.

WHY CHOOSE US

- ☑ Customer Focus.
- ☑ Performance.
- ☑ Professionalism.
- ☑ Innovation.
- ☑ Entrepreneurship.

MAJOR PROJECTS

Mpesa Foundation Academy

IXAfrica Data Centre

United Nations

Africa Data Centre

Icolo Data Centres

Lions Eye Hospital

The Piano

Enaki Town

Westlands Square Mall

Safaricom Limuru Data Centre

Broadwalk Mall

Hyatt Regency Hotel

MAJOR PROJECTS

Valley Arcade Mall

I&M Bank

Trade & Development Bank

Thika Wax

Marine School

Red Cross HQ

KWAL Tatu City

Kisii University

Nyali City Mall

The Cube

JW Marriott Hotel

The Promenade Mall

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