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ABOUT US

Sentinal Industries is a British company working within the field of security and connectivity, Working with its manufacture who, Since 2013, has been providing access control and security solutions such as road blockers, turnstiles, barriers and ID systems to a world-wide roster of clients.

With a service-oriented approach, Sentinal offers much more than only products, Sentinal is capable of manufacturing customised solutions, which are tailored to the specific requirements of specialised projects. Sentinals’ production line is not limited to, but includes:

- ▼ Control of pedestrian and vehicle access.
- ▼ To secure sensitive areas from terrorist vehicle attacks.
- ▼ To enforce traffic rules and regulate access.
- ▼ To improve radio and internet capabilities.
- ▼ To monitor personnel and vehicles via CCTV, ANPR & Face Recognition systems.
- ▼ Building Work & Civils

Our products are applicable for use in areas of Corporate & Financial institutions, Government & Military buildings, Marinas & Terminals, Pedestrian walkways, Public roads, Residential areas, Schools, Stadiums, Streetscapes, Universities, High Value Storage, Factories, Hotels, Warehouses, Shopping Centres and Hospitals.

# STAGES OF YOUR ENQUIRY

## Detailed site survey

Following your enquiry to Sentinel Industries, you will be contacted by phone so we can introduce ourselves, and for us to understand more about your requirement, we will then advise whether a site survey is required. These are free of charge and part of our quotation process. In a case where a site survey may not be required is when you are purchasing a product which you, yourself are installing.

## Project design depending on security risk analysis

During the early stages of the project or build, a security measure needs to be considered. During this phase we can meet with project managers, designers and architects to agree how best to protect a facility or complex, tailoring our works to meet specific criteria and work schedules. Working closely with the other contractors and departments, Sentinel communicates and delivers on time and in budget.

## Installation and commissioning

As part of our package and contained within our quotation will be the installation and commissioning of a product. With a team of engineers, we can offer a full supply and installation package as well as a supply only offer.

## Maintenance and after sales support

Preventive maintenance is key to the smooth and reliable operation of any equipment. Sentinel offers service and maintenance contracts for all its products. Agreed with each customer depending on their in house maintenance/engineering teams and site requirements.

# ROAD BLOCKERS

Various types of road blockers are available depending on the environment, road surface, accessibility and requirements of the customer. Our most defensive road blocker is the **GSR3100-X Series** which is detailed below. The GSR3100-X Series Road Blocker Structure is manufactured using heavy gauge material with an underground case and top frame made of NPU Steel.

Inside the blocking wedge there are 6 sets of 3-up hinge bars, constructed from heavy duty Steel Plates, which support the structure against impact.

Designed for intense industrial usage with 100% Duty Cycle, by the integration of the powerful HPU and strong wedge design and a durable hydraulic lift piston. With its 4.0 kW motor, the GSR3100-X Series is capable to complete up or down movement in 4-5 seconds without any limitation of daily usage.

The GSR3100-X Series possess two advanced features which extend the usage life of the system:

- 1) Position Detection with weather proof proximity limit sensors which immediately stops the motor operation at limit points.
- 2) Descending Speed at Closing and Opening Points which provides a silent operation.

Ease of integration with all access control equipment through its PLC unit which possesses 12 Inputs and 8 Outputs. All electronic equipment are EU originated with the highest reliability available in the market.

**Impact Certified:** The GSR3100-X Series is Crash Test Certified in accordance with IWA14-1:2013 standards with zero penetration, providing a direct equivalence with PAS 68 and a superior energy resistance compared to M50 P1 rating of US Standard ASTM F2656-07.





## BOLLARDS – FIXED & RISING

Our bollards are supplied in three formats, Static, Electric or Hydraulic depending on the suitability and protection required.

Our most popular bollards being the, GFB9000 Series High Impact Resistant Static Bollard, and the GSB9000 Hydraulic Rising Bollard.

**The GFB9000 Series High Impact Resistant Static Bollard** is designed to provide maximum perimeter security to protect sensitive areas.

The product has proven its durability and stopping power through computer-aided element analysis tests, ensuring compliance with IWA14-1:2013, PAS68, and ASTM M50 standards at P1 level with an N3C vehicle. Manufactured from heavy gauge steel, the GFB9100 Series Static Bollards offer solid protection with a design engineered to withstand extreme forces by destroying the front suspension system of hostile vehicles and preventing intended penetration into the restricted area. With an embedded foundation and concrete-filled structure, the GFB9100 Series Bollards are suitable for any sensitive site with city infrastructure below.

**The GSB9000 Series Hydraulic Rising Bollard** is designed to protect sensitive areas that require a high level of security.

With a cutting-edge internal hydraulic power pack, the GSB9000 provides silent and smooth operation, making installation and maintenance easy.

The bollard is engineered to withstand high impact forces by destroying the front suspension of hostile vehicles. In cooperation with an accredited crash test laboratory, the bollard is pending testing against IWA14-1:2013 standards and is expected to be awarded IWA14-1:2013, N2A Level Certification.



With reinforced infrastructure and a powerful hydraulic unit, the GSB9000 Series is an ideal choice for high-frequency, heavy-duty operation, achieving a high level of security while maintaining an aesthetic look.



## VEHICLE GATES

Our vehicle gates are supplied in three formats, sliding, cantilever, or swing depending on the suitability, space and protection required.

We have three main models designed for commercial settings, these are the Crash rated CSC-S sliding gate, the GSG-L swing gate and the GSG-S sliding gate.

The **CSC-S Crash rated sliding gate** has been designed specifically for facilities within an high risk environment. Ideal placed for use at Military Sites, Government Offices, Police Headquarters, Research Centres, Embassies, Power Plants, Infrastructure Facilities, Airports & Industrial Areas.

The **CGS-L Swing gate** has been designed for use frequent use access points such as Tolls, Parking Facilities, Airports, Storage Facilities, Warehouses, Data Centres and Corporate Buildings. With a sleek and swift operation, the CGS-L swing gate offers superb protection and security. Coupled with our fencing material and automation package, the CGS-L series is ideal for long term installation requirements through regular operation.





## TURNSTILES AND FAST GATES

Sentinal supplies and installs a plethora of turnstiles and speed gates for various businesses and organisations. These can include; Hotels, Gyms, Rails Stations, Airports, Warehouses, Banks and Office Buildings.

Our corporate line of turnstiles and perfect for a range of professional organisations and bespoke hotels. This product known as the GF-6600.

The Sentinal Corporate Line **GF-6600 Series** Double Full Height Turnstile bring the enhanced security of industrial full-height turnstiles to office environments with elegance and style.

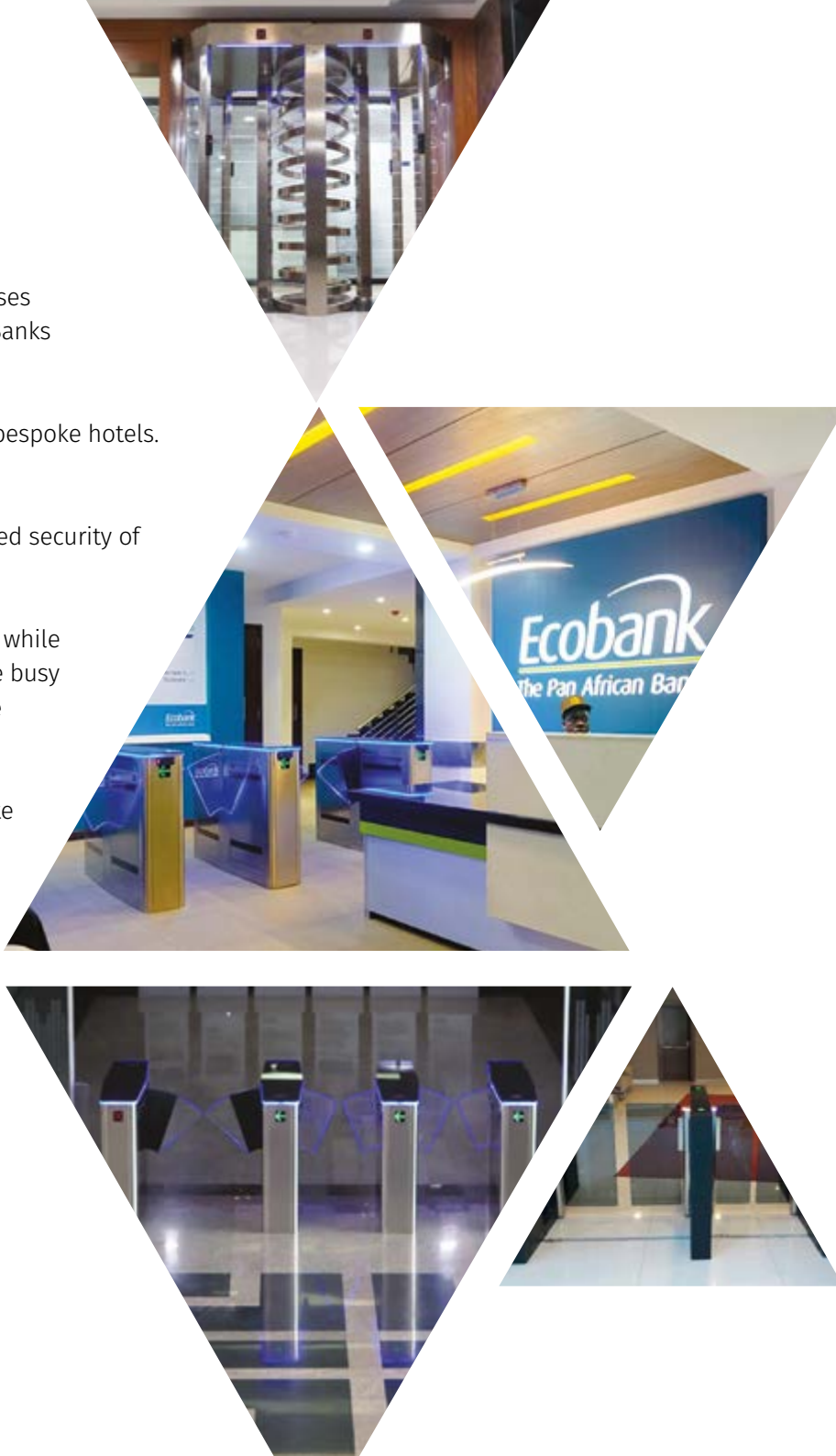
The polycarbonate panels of the GF-6600 provide transparent barriers, improving visibility while offering a robust solution for personnel-free access control points. Designed to handle the busy flow of a business centre, the GF-6600 Series is an ideal choice for ensuring security in the corporate world.

A popular Fast Gate used at trains stations and stadiums is the GS-9000, Sentinal Corporate Line **GS-9000 Series** Speed Gate Turnstiles are robust products functioning to provide pedestrian access control in areas requiring moderate to high level of security.

Encoder and PLC controlled obstacle movement is provided by brushless DC motor, and enhanced with security features such as anti-tail-gating and anti-pass-back.

With seven pairs of optical sensors embedded in the turnstile case, which in total ensures one of the highest reliability available in market and a remarkably long life even in case of intensive usages.

The GS-9000 Series Speed Gates are the perfect solution, where design, aesthetics and passage speed are important.



## SURVEILLANCE

- ▼ Face recognition systems.
- ▼ Licence plate recognition.
- ▼ Under Vehicle Surveillance System – 4K Scanning.

**The FRS2000 Face Recognition System** is specifically designed to provide solutions for all scenarios at pedestrian access points.

The mobile interface of the system allows for database inquiries and ID uploads in a matter of seconds. The simultaneous face recognition of multiple individuals enables the system to work in a multitasking fashion.

With an advanced matching software, the FRS2000 provides fast and accurate identification in scenarios where high volumes of people move to highlight and pinpoint blacklisted individuals who pose a high risk or are on a watch list.

**The PRS3500 License Plate Recognition System** provides state-of-the-art vehicle access inspection with a success rate of 98.2% in daylight and 99.2% at night.

The system is ideal for a broad range of uses, from high-speed highway traffic to parking lot management at facilities such as hospitals, business centres, residential buildings, government/military compounds, and shopping malls.

Advanced functions include activity reports and warning indications for banned vehicles. This system is designed to be integrated within our parking management access control products, such as ticketing systems and rising arm barriers.

**The UVS2000 Under Vehicle Surveillance System** is a real-time visual data acquisition, storage, and management system featuring high-end components.





# BUILDING WORK AND CIVILS

Sentinal undertakes other building works on behalf of clients. Works can range from civils, drainage, brick work and curb stones, soak aways, lagoon installations and wash bays.

Some larger works include extensions (domestic and commercial), office fitouts, cladding repairs & roller & fire door installations.

Working to plans and along side architects and designers, Sentinal can undertake a variety of works.

**Relationships built by:**

- ▼ Undertaking minor repairs through too and including major works
- ▼ Assistance with planning applications
- ▼ Bringing partner companies onboard to assist with projects
- ▼ National coverage
- ▼ Funding available through our approved finance partner

