



MIOLE Holdings (Pty) Ltd

Communication - Simplified

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MIOLE Holdings (Pty) Ltd

**COMPANY
PROFILE**



Who We Are

Tele-Communications company was established after a need aroused for a black-owned entity to infiltrate the Telecommunications industry with the aim of providing both wired and wireless communication solutions as well as creating healthy competition in the market.

Our Services

We offer the following services:

- Pre-sales
- Site survey
- Installation
- Commissioning of Networks
- Project Management



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What Do We Do?

Supply, Install, Commission, and give Maintenance on Telecommunication systems which include but are not limited to:

- **Point-to-point Links, Point-to-Multipoint Links**
- **Wireless Mesh Networks, Wireless Access Points**
- **WiFi Access**
- **UPS Solutions and Solar Power Solutions**

Supply, Install and give Maintenance of Wired Networks (Cable, Fiber) which includes:

- **Trunking**
- **Server re-wiring**
- **Network points installation**

Supply, Install and give Maintenance on both Analog and Digital Two-Way Radio Systems and we currently support Kenwood and Motorola as the preferred choice.

Expert advice on the deployment of both Wired and Wireless Network solutions which also includes Pre-planning, site survey, network audits, and Project Management.

Our Product Overview

Point-to-Point

- Cambium Networks
- Ubiquiti
- SIAE Licensed Products

Mesh

- Strix Networks
- Ruckus

Analog/Digital Two-Way

- Motorola
- Kenwood

Access Control Systems

Point-to-Multi-Point

- Ubiquiti Networks
- EnGenius

Wi-Fi

- Ubiquiti UniFi
- Ruckus
- EnGenius

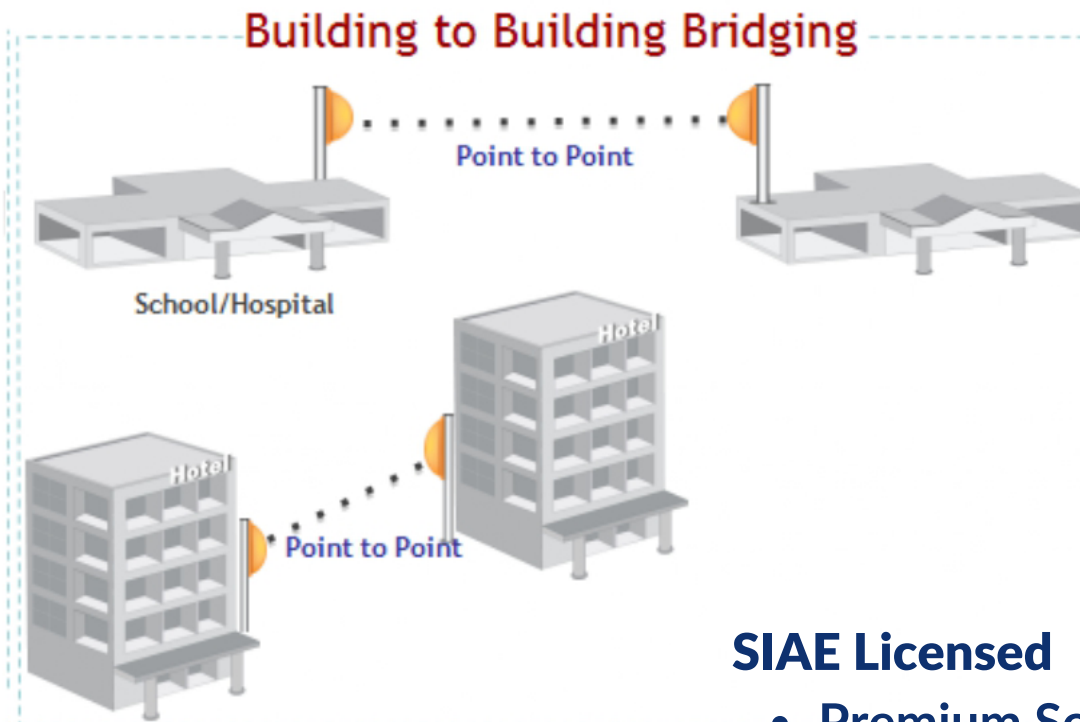
Power Solutions

- Durion Energy



Point-to-Point Solutions

**ANYTHING FROM
2MB -> 10GB CONNECTIVITY**



SIAE Licensed

- Premium Solution
Cambium
- High End Solution
Ubiquiti/EnGenius
- Mid Market Solution
Ruckus
- Entry Level Solution

Point-to-Point SIAE

Competitive alternative or complement solution to optical fiber networks in any application that requires:

Cost- effective, rapid deployment and modular implementation of a network

Terrain independent connectivity

The ALS Series provides scalable data rates from 4 to 500 Mbit/s per radio module with a single platform across the full range of licensed frequency bands.





Point-to-Point

Point-to-Point
Ubiquiti | Cambium | Ruckus

Point-to-Multi-Point
Ubiquiti | Engenius | Ruckus

Applications

- Building-to-building and Campus connectivity
- Distance learning
- Backbone operations
- Corporate Internet and email
- 3G Backhaul
- Disaster Recovery
- Voice-over-IP and Video surveillance

Features

- Speeds of 2-300Mbps.
- Distances up to 240km LOS
- LOS and NLOS Solutions
- Licensed and Unlicensed bands



Cambium Networks



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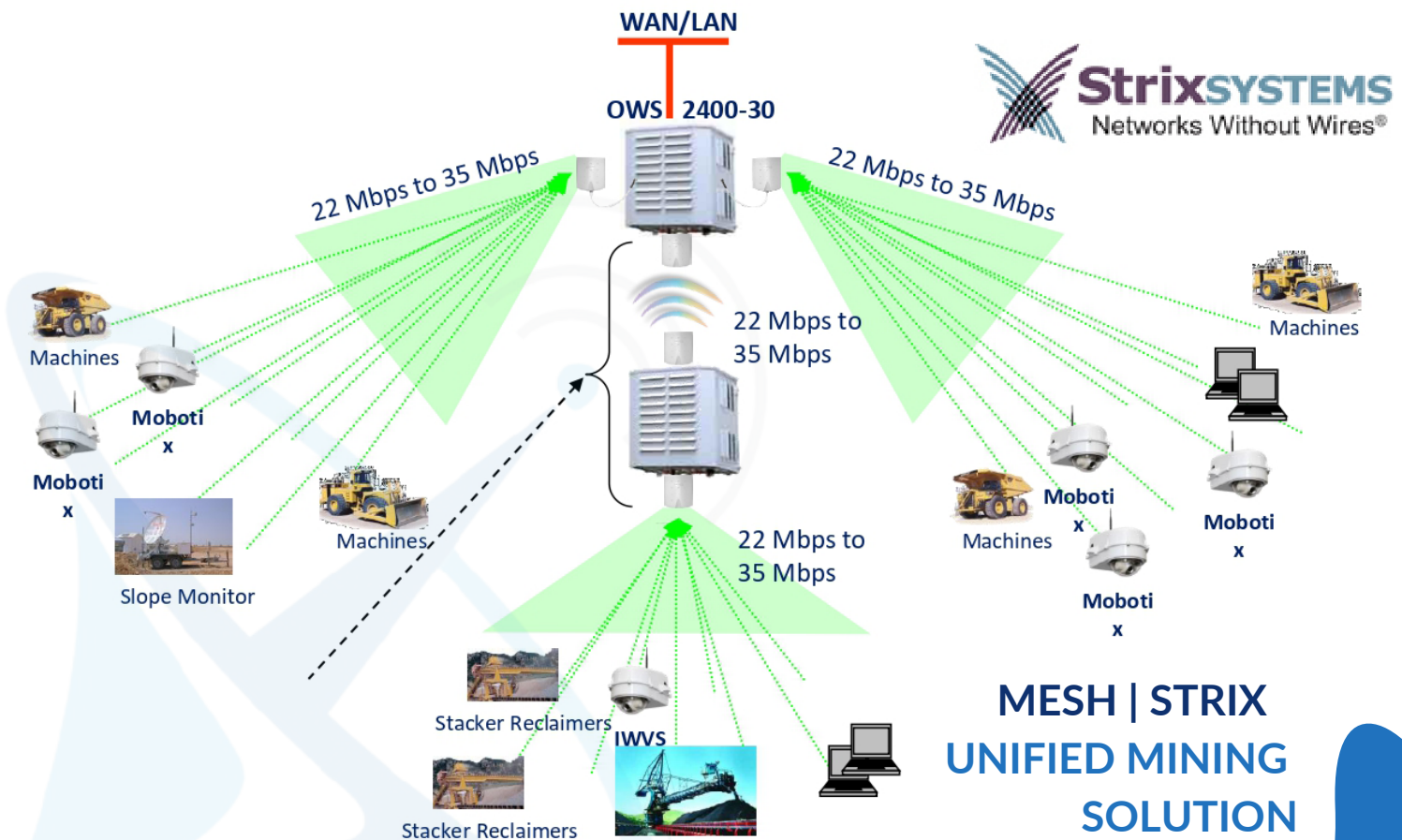
Mesh Strix | Ruckus

Applications

- Unified Mining Solutions
- Urban Hotspot Access
- Mobile Solutions
- Remote Location Solutions

Features

- Speeds of 2-300Mbps meshing throughput
- Ability to provide connectivity to Mesh AP's in remote locations.

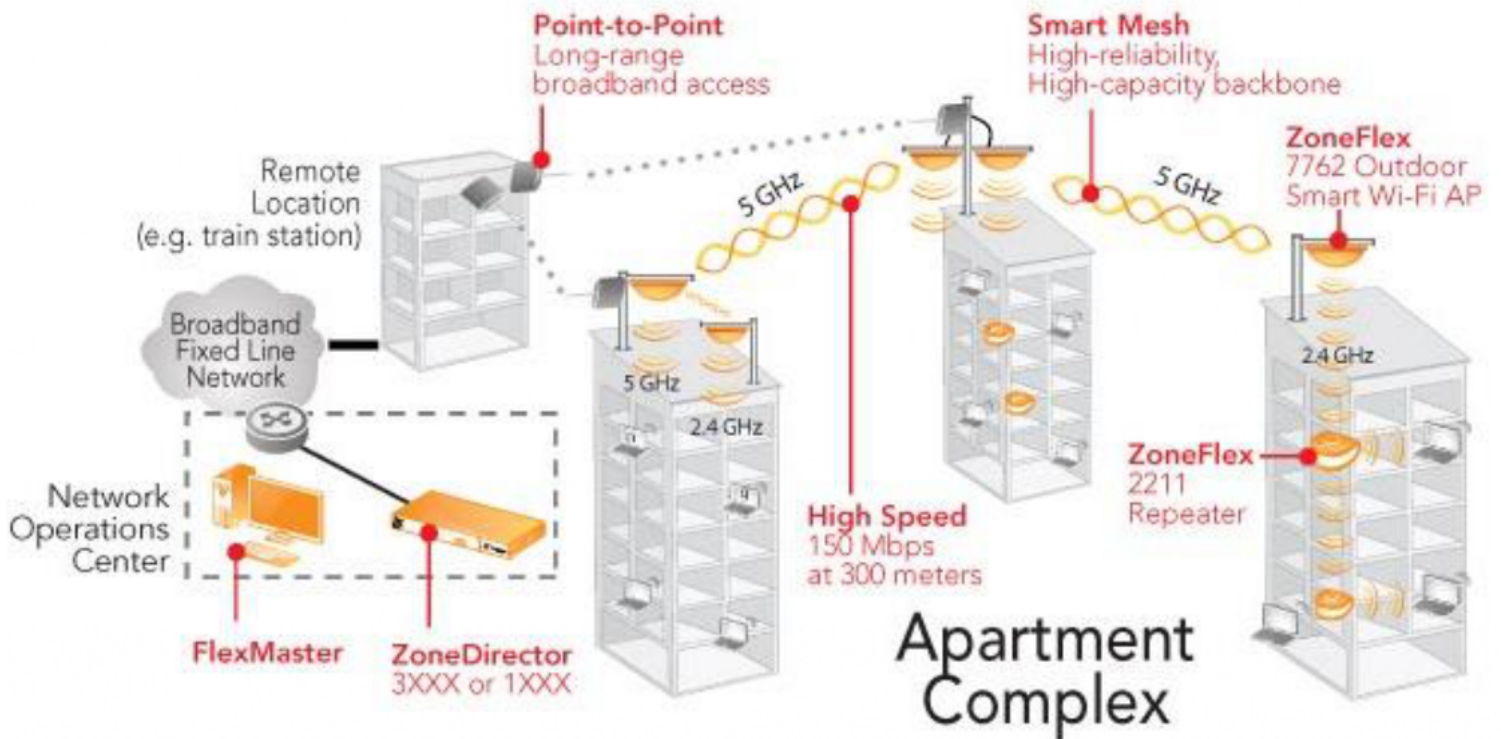


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Mesh | Ruckus

WIRELESS BROADBAND ACCESS



A long range adaptive antenna system within each zoneflex 7762 allows providers to reliably deliver new wireless broadband access services in area where fixed line access is non-existent or cost prohibitive.



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WI-FI Ubiquiti



Unified WiFi Management Scale to thousands

UniFi is a revolutionary WiFi system which combines carrier class performance, unlimited scalability, disruptive pricing, and a virtual management controller.



Save money. Save time.

Unlike traditional enterprise WiFi systems utilizing a hardware WiFi Switch, UniFi uses a virtual client/server application that requires zero cost and no additional hardware.



Traditional



UniFi

Intuitive Software

Install, configure, and manage all of your UniFi Wireless Access Points with the intuitive and easy to learn UniFi User Interface.



Powerful Hardware

UniFi Access Points feature the latest in WiFi 802.11n MIMO technology -- capable of 300Mbps speeds with ranges up to 500 ft.



Expandable

Unlimited Scalability. Build your wireless networks as small or big as you need. Start with one, expand to thousands.



UBIQUITI
NETWORKS

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WI-FI RUCKUS

Applications

◦Corporate Wi-Fi | Indoor, and Outdoor

Features

BeamFlex ® Technology

- Most of the Competition have a couple of Omni-directional sticks that act as Wi-Fi Light Bulbs. If you can see the light you have service, if you can't see the light, you don't have service.
- Ruckus has 19 directional Antennae's, some VERTICALLY polarised, & some HORIZONTALLY Polarised.
- Per Client basis, Ruckus uses a different combination of antennae's to direct the Wi-Fi signal right @ the end-user, more like a Flash Light rather than a light bulb that culminates into a stronger and more reliable service.
- If the environment changes or a user closes their door, the BeamFlex Technology will dynamically try 4000 possible combinations of antennae's to get service to that end station!
- Employ's Per user & per packet combination of antennae's, using Dynamic Antennae Based Beam Forming

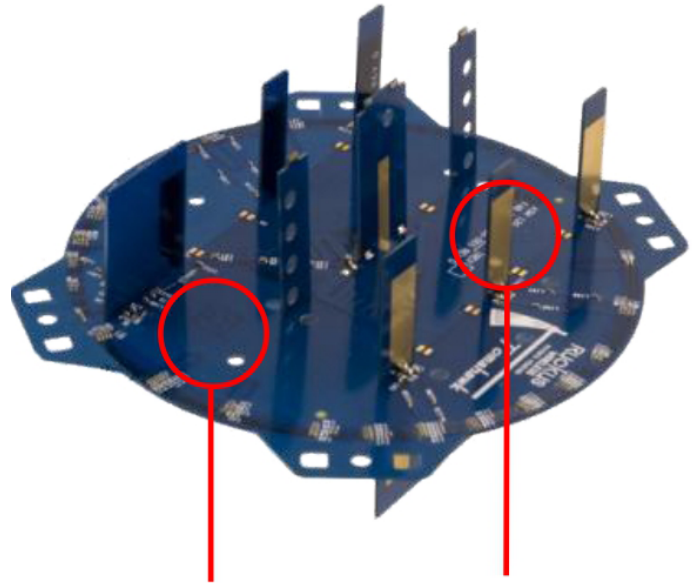


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WI-FI RUCKUS

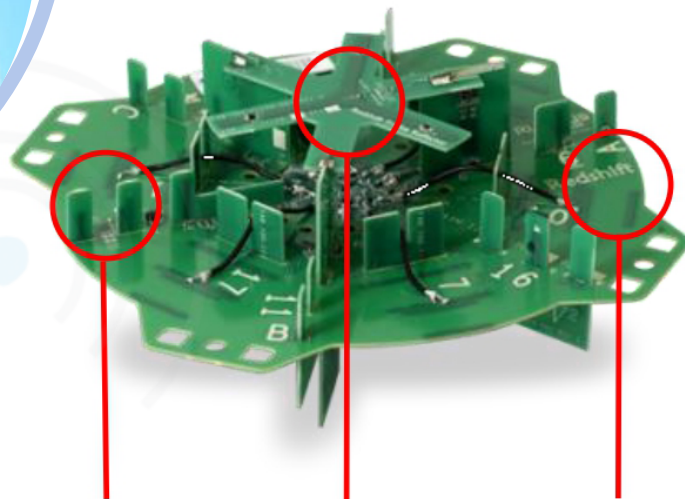
2942 / 2741



Horizontally-polarized antenna elements

Vertically-polarized antenna elements

7962 / 7762



Vertically-polarized antenna elements

Auto RF signal optimizer
(Optimises RF coverage based on

Horizontally-polarized antenna elements



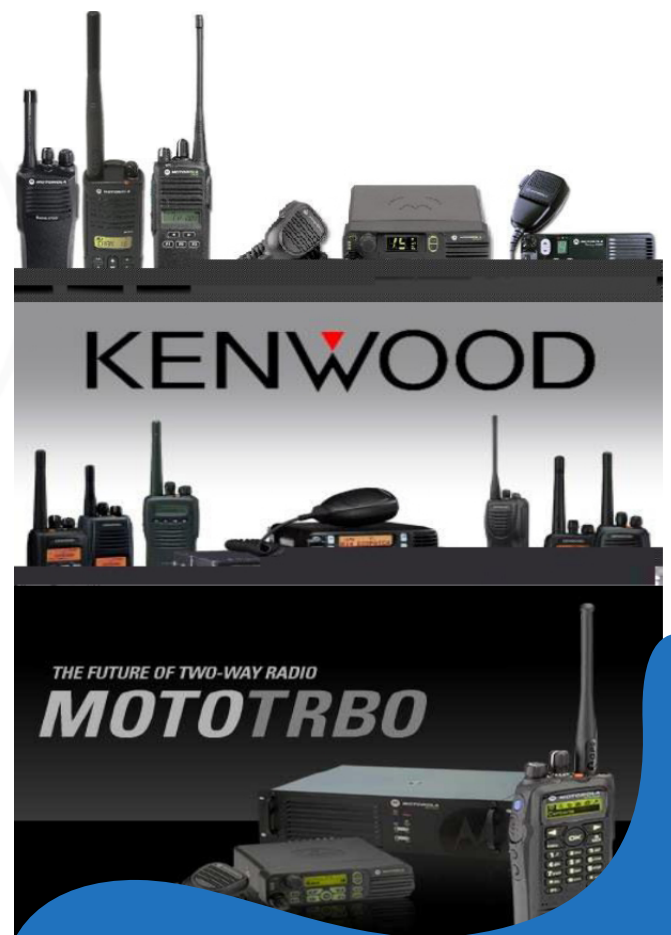


Analog/Digital Two-Way Systems

Kenwood | Motorola

Motorola's diverse array of portable and mobile two-way radios offer solutions that better enable you to efficiently coordinate and communicate with your on-the-go workforce.

- Information is instantaneous
- Decision-making becomes easier
- Safety gets stronger
- Productivity increases
- Service improves and customers are more satisfied
- Extra-tough mobiles
- Increase workforce efficiency



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Boomgates and Turnstile Installation

We provide installation and supply a wide range Of full & waist height Turnstiles. Designed By professional engineers, our Turnstiles are trusted worldwide.

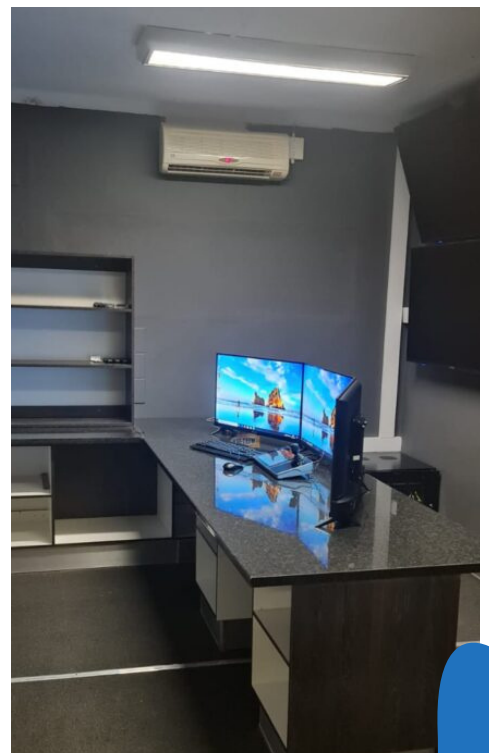
We offer a wide range of boom automation for boom gates and Turnstiles. CENTINEL MANUAL BARRIER – MANUAL TRAFFIC BARRIER.

If you need an effective security solution, turnstiles are an essential addition to your access and control plan.



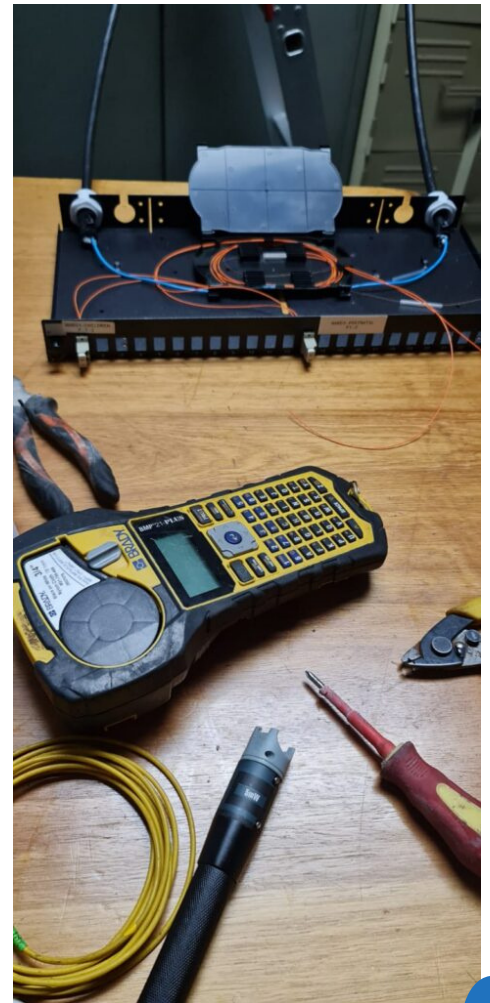
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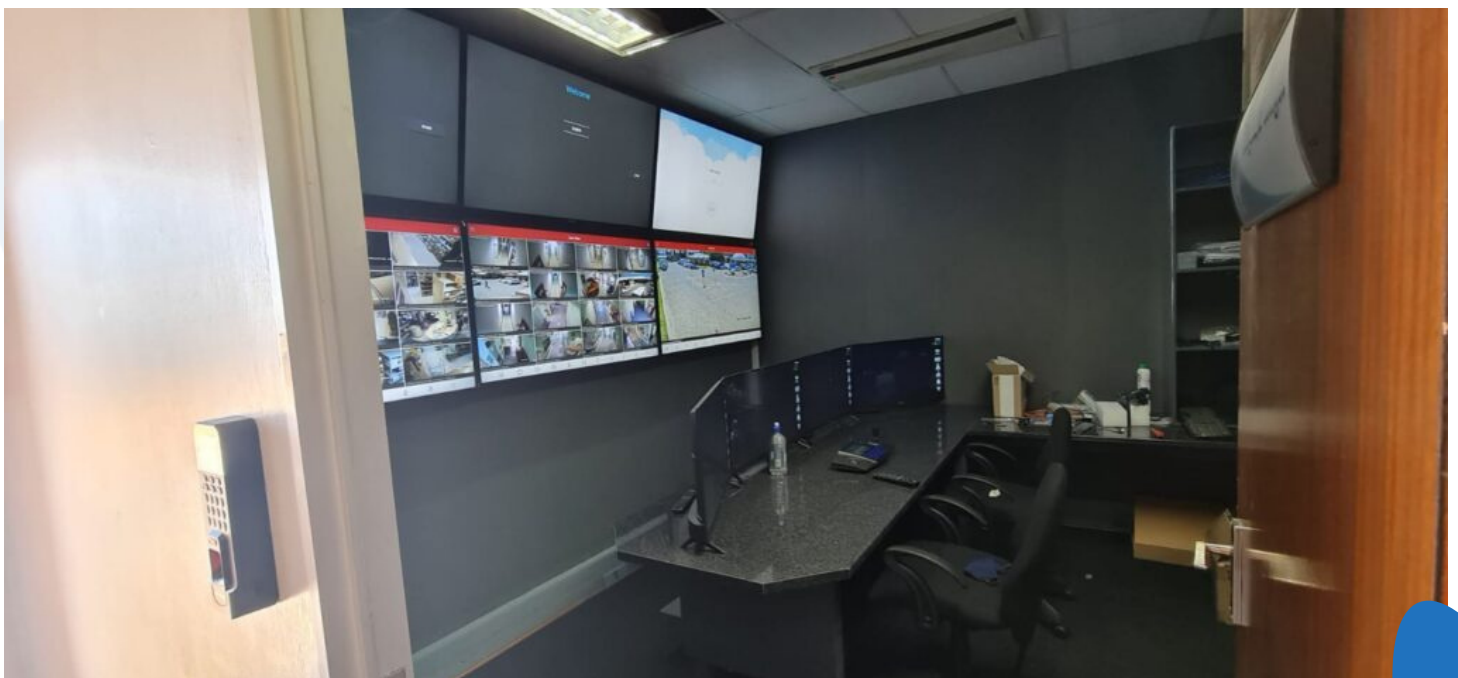
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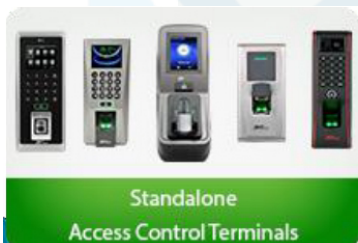
Access Control Systems

ZKTeco

is a leading global developer of security and time management solutions. ZKTeco is subdivided into 5 distinct business divisions which are known as ZKSoftware, ZKAccess, ZKiVision, ZKBioblock, and ZKAFIS.

Each ZKTeco division has a dedicated team of experts and professionals to serve our customers and partners worldwide. At our state-of-the-art 700000 square feet ISO9001-certified R&D/Trial and Manufacturing facilities, we control manufacturing, product design, component assembly, and logistics/shipping--all under one roof.

ZKTeco has over 2000 employees at its R&D/Manufacturing facility in China along with branch offices/subsidiaries in the USA, Spain, Brazil, South Africa, Dubai, Indonesia, Mexico, Thailand, and India. Our global offices further enhance our ability to provide local product/logistic support and service our customers/partners more effectively and efficiently.



Standalone
Access Control Terminals



Entrance Control



Metal Detectors



Time Management Solutions

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