



Our mission is to provide our customers with *smart, innovative, value adding, and efficient* business solutions applicable in the global *technology-driven commercial and industrial market sectors*.

To achieve this mission, we apply leading-edge, **best-of-breed products and solutions**, underpinned by **world-leading technologies** in the fields of Artificial Intelligence (AI), Data Security, Geospatial Information Solutions (GIS), Asset Tracking / Monitoring, IoT and Safety & Security as well as provide *focussed Business Consulting & Services*.

The recent **COVID-19** pandemic has given us the opportunity to apply our world-class technologies to offer Facial Recognition & Thermal Sensing (FRTS) access control systems and Ozone generating sanitisation products. See our website for more details.

about us

We are a **business solutions company**, underpinned by world-leading technologies, providing **smart, innovative** and efficient business products, solutions and systems, experienced in and **focused** on the **industrial** and **commercial** markets that include **mobile telecoms, smart city, retail, transportation & logistics, mining, production, security & access control, and fire detection.**

Everything we do, we do with a customer in mind – always - throughout the entire process of understanding our customer's requirements, to delivering extraordinary business solutions, and services...

our approach

We **believe** - in partnering with our customers, in the abilities of our experienced team and partners, and in an inclusive approach to solving business problems.

We strongly value our internal and external relationships and continually strive to earn the respect of all our stakeholders.

We **believe** - in sharing our successes with our partners and reward their loyalty, that all relationships should benefit each partner equally, in the power of collaboration, innovation, focus and leveraging expertise and passion.

We **believe** - that our perennial success can be ascribed to a business philosophy that is built on *partnering*, guided by a resolute commitment to *innovation, value, and quality*, we have earned an enviable reputation for delivering market leading solutions, products and services.

our history

Our team specialises in the industrial and commercial business sectors, having more than 35 years combined business experience in consumer devices, systems and related products design, development, production, distribution, and support services, as well as being involved in electronics business for over 60 years combined.

We have *deep business knowledge and experience* that is focused on business strategy, commercial, finance, sales and operations management, and solutions.

our technology driven solutions

We have gathered an impressive array of leading technology solutions to put us in a position to offer a full suite of products, systems and solutions to our target market segments. These are briefly described below.

We focus on specific market sectors, namely the commercial and industrial application of ARTIFICIAL INTELLIGENCE (AI), DATA SECURITY, GEOSPATIAL INFORMATION SOLUTIONS (GIS) and ASSET TRACKING & MONITORING and IoT, as well as BUSINESS MANAGEMENT services.

Artificial Intelligence (AI)

Our AI offering includes object and facial recognition that we combine, with other key building blocks, to offer solutions that cater for mobile network, transport logistics, smart city and security businesses, and we offer solutions for other sectors as well, including mining, agriculture, retail and property management. We also have advanced offerings for Government related organisations such electoral commissions.

With an advanced team of technology and software experts at our disposal, and a proven AI Platform based on Computer Vision™, (and specifically Machine Learning) we are constantly developing new features and capabilities to cater for an ever-evolving industrial and commercial environment.

Our solutions integrate with existing systems such as payroll, payment gateways, and any operational databases.

Data Security

We offer a full suite of data and network security solutions that include specifically the following:

- DDoS Detection / Mitigation
- Global Secure Internet Gateway Services
- Web Application Firewall
- Web Security / Virtual Proxy
- Managed Authentication
- Email Security / Anti-spam
- Vulnerability Management Services
- Advanced Malware Protection
- Managed Security & Event Management

We offer these solutions on a turn-key basis and our team of experts can lead the entire process of analysis, recommendations, solutions design and implementation from start to completion.

The solutions cater for complex data management environments in the Mobile Network Operators, Banking, Insurance, and any industrial or commercial businesses that rely on secure data and networks.

Geospatial information Solutions (GIS)

We offer leading digital geospatial and engineering services covering the Forestry, Architectural, Engineering, Construction, Utilities, Mining, Oil & Gas and Transportation industries.

Our services include Photogrammetry, Light Detection and Ranging (LiDAR), Mobile Mapping, Smart Cities, Data Conversion, 3D Laser Scanning, Building Information Modelling (BIM) and Location Content – Navigation.

We focus on the four major global mega trends; Autonomous Driving, Smart Cities, Precision Agriculture and Internet of Things (IoT), providing technology and services which will define the future world. Our technology will continue to map new and emerging areas of global importance.

We have over 1000 dedicated engineers proficient in geospatial technologies.

Asset Tracking & Monitoring

With a track-record of over ten years of design, development and implementation of our comprehensive asset tracking and monitoring products and solutions, we cater for Fuel Monitoring, Fleet Management, Transport Logistics Management, Public Transport Management, Travel Bus Tracking, Cold Chain Temperature Monitoring and Sales Force Tasking & Management.

We incorporate the latest in GPS and telematics technology combined with industry-specific expertise to develop and implement end-to-end asset tracking solutions.

IoT

Our IoT solutions cater for the security and transportation markets as well as infrastructure monitoring to enable proactive interventions as and when these are required.

The IoT platform integrates most camera products and other IoT devices to allow for advanced solutions to monitor security at sensitive infrastructure sites and buildings.

our recent highlights

Our team has individually and collectively been involved with the setup of electronic products manufacturing, design, development, and sales operations in South Africa, India and Asia (working with South African and foreign multinational set top box companies), electronics product start-up for vehicle tracking solutions in South Africa, running International manufacturing, sales operations and business development for a local and international digital set top businesses.

In the set top box and multimedia businesses, our team built up significant experience in various products, including Hybrid OTT, broadcast Media Gateway 4K PVR, multitenant Home Media Gateway 4K PVR, and Android-based platforms for selected International telecoms and broadcast networks, successfully delivering close to two million STB devices.

We recently focused on restructuring an International electronics business, consolidating various entities, and we successfully wound down and sold part of the business in South Africa (an electronics manufacturing and supply company). In parallel, we provided specialist manufacturing and logistics services to a USA / UK electronics business to streamline their local SA manufacturing and logistics operations and provide ongoing specialist consulting services to a South African electronics company entering the India telematics market.

We have significant commercial, sales and marketing, business development, sales operations, logistics, and services experience dealing with large International companies, including Yes-TV, Celcom, Foxtel, Optus, various Sky networks, MultiChoice DSTV South Africa, Altron Netstar, and Commscope/Arris UK.

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