



# Systems Automation

## Fully automated control systems for your environment

As a systems integrator Ulwembu Business Services specialises in the design, supply, installation and maintenance of advanced commercial and home automation systems, including: fully automated control systems, CCTV surveillance, smart security and access control solutions, lighting control and UPS, which are fitted with the latest technology available.

### COMMERCIAL SOLUTIONS

Our integration capabilities strengthen our offering, ensuring that the products seamlessly integrate into a best-fit solution to meet our clients' unique needs.

We also offer service level agreements, reducing the cost of ownership of the solution and enabling proactive maintenance.



**CCTV surveillance**



**Access control**



**Lighting control**



**Structured data cabling**



**Uninterrupted power supply (UPS)**

### CCTV surveillance

CCTV systems are primarily used for security and surveillance purposes to deter, monitor and record activities such as theft, intrusion, vandalism, or harm to people or property at a physical location.

The system enables on-site or remote monitoring, any time of the day or night, enabling the most appropriate action to be taken in response to an alert. Recorded footage is admissible in a court of law and is useful to identify perpetrators.

The integration of the CCTV system with the security and access control system delivers a more holistic security solution. Analytics provide valuable information for identifying trends and reducing false alarms.

Applications include interior and perimeter security at hospitals, schools, factories, commercial and retail parks, including monitoring in public spaces and industrial environments.

### Electronic access control

Electronic access control is a fundamental security system that provides individuals with physical access to a location based on credentials. Whether access is granted or denied, transactions are recorded to provide intelligence to the property owner or institution.

At Ulwembu Business Services, we specialise in customising integrated solutions involving CCTV, alarm, lighting and access control systems. A command centre centralises the monitoring and control activities within the physical environment. Commercial, industrial and residential establishments including, retail, government, healthcare, and office parks are just some examples where access control solutions deliver peace of mind.

### Lighting control

With today's energy crisis we offer commercial lighting control solutions with the aim of monitoring, controlling and minimising usage to reduce our clients' carbon footprint and energy expenditure. Our lighting control solution provides remote monitoring and reporting capabilities to support facility management.

### Structured data cabling

Structured cabling provides the critical backbone to all our subsystems: CCTV, access control and lighting control. The telephone and alarm systems are all IP-based and require a stable cabled backbone, involving either fibre or copper, which we are fully certified to install.

### Uninterrupted power supply (UPS)

Electronic equipment is very susceptible to power failures, fluctuations and surges. Both the equipment lifespan and return on investment are influenced by interrupted power supply. Our range of best-of-breed power solutions supports operations by delivering surge protection and ensuring the availability of critical equipment during a power failure.

## OUR TECHNOLOGY PARTNER

Our systems automation solutions are powered by Smart Integration, a wholly-owned Ulwembu Business Services company.



## ABOUT ULWEMBU BUSINESS SERVICES

Ulwembu Business Services is a black-owned management consulting and information and communication technology services company that facilitates the transformation of private and public enterprises to optimised, digitised organisations.

We offer integrated, strategic corporate services and client-specific business solutions that leverage technology, people and processes to enable sustainable value creation.

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