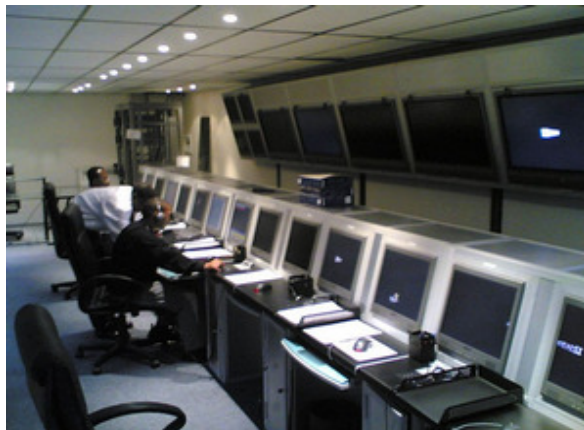


Electrical Control Room Operator Desks



Control desks continue to play a critical role in modern industrial and security monitoring. To meet this, we offer the Alutech™ control desk system, an advanced, and well-branded solution designed for robustness and resilience in demanding environments.

With a focus on ergonomics to minimise operator fatigue during long shifts, our system is operator friendly, with optimal sightlines for high visibility and a layout that facilitates constant interaction with various devices, all contributing to the smooth functioning of day-to-day control operations. Each installation includes supply, setup, and commissioning, complete with electrical and connectivity provisions. Monitor screens can be mounted directly onto the desk or positioned overhead on larger display units. Customers can choose from a range of in-house 3D designs and colour finishes suitable for commercial and industrial applications. For more complex or specialised applications, desks can be integrated with mosaic mimic panels, making them ideal for highly industrialised operational environments.

At the heart of the Alutech™ system is a patented modular Aluminium extrusion frame that allows for clean, strong joints and easy disassembly or reassembly. This design supports space-frames fitted with “captured” infill panels, which can be finished in wood or titanium for a modern, high-tech appearance. Working surfaces may feature similar infills, rounded-edge melamine, or DuPont Corian with a granite-look finish. The structure is bolted using high-tensile grubscrews, ensuring all threads bear on steel rather than the softer Aluminium, creating a far more durable alternative to traditional wood joints. Fully modular and 19” rack compatible, the Alutech™ system is engineered for portability, scalability, and future adaptability.

It also supports disassembly for shipping and delivery and offers a wide variety of colour and finish options for both its frames and panels, making it highly versatile. The Alutech™ system also offers exceptional site mobility. Consoles and desks can be added or removed from modules with ease, allowing for quick expansion or reconfiguration within a live control room with minimal disruption. The modular joining system simplifies compact packing, transportation, and relocation of products, and the design permits convenient access even when installed in tight corners or against walls, which is particularly advantageous for restricted spaces.

As most control and monitoring rooms are in compact space that house one or more operators requiring quick and easy access to multiple technological interfaces, access to the desk installation area must be confirmed before manufacturing begins, particularly in cases where a single door provides the only entry point, to ensure smooth delivery and assembly. The design process typically begins with floor plans or a simple draft sketch, which we use to generate an initial 3D drawing for the project.

Alutech™ control and monitoring desks provide critical infrastructure that enables faster emergency response coordination. Our systems are trusted by a broad range of end users, such as call centres, CCTV monitoring facilities, hospitals, mining houses, power stations, railway developments, including various municipal and security-related sectors, instrumentation contractors, project engineers, property developers, water departments, and technical systems specialists.

Call our switchboard for more information or request a free quote.

JHB Branch

Mimic Components, Address: 5 Ramsay Street, Booysens, 2091, Johannesburg. Switchboard: +27(0)11-689-5700 | WhatsApp: 071-979-9999
 PO Box 38493, Booysens, 2016, Johannesburg, South Africa. Email: info1@mimiccomponents.co.za | Website: www.mimiccomponents.co.za

Cape Branch

Mimic Cape. Address: Unit 41A, Stella Park, 57 Stella Road, Montague Gardens, 7441, Cape Town. Switchboard: +27(0)21-551-8185
 WhatsApp: 071-979-9999. Po Box 36955, Chempet, 7442, Cape Town, South Africa. Email: info@mimic-cape.co.za | Website: www.mimic-cape.co.za