

The Gold Standard in Monitoring: Mosaic Mimic Panels and Control Monitoring Desks



Project: Hong Kong massive wall-to-wall Mosaic Mimic Panel combined with Panel facing Control Desk

In critical industrial environments, operational clarity and unwavering reliability are paramount. Mosaic Mimic Panels emerge as unrivalled display solutions, particularly vital in power stations during black start operations and for precise high-voltage substation switching. Their robust design emphasizes durability and exceptional clarity, ensuring high visibility and precision even in the most demanding conditions.

What sets these panels apart are their key features and subsequent benefits. Unlike failure-prone large screen displays, Mosaic Mimic Panels deliver robust, long-lasting performance with minimal maintenance. Their inherent simplicity, devoid of complex software, eliminates licensing burdens and makes them ideally suited for long term location use including remote locations where technical support is limited. Enhanced visibility guarantees that operators can effortlessly monitor alarms and status updates, even amidst demanding production operations. Furthermore, the mosaic mimic panels make use of the ADDA ERS-22 semaphore range which incorporates high-brightness Red and Green SMD LEDs that offer automatic status indication for circuit breakers and switches with remarkably low power consumption (4mA). These Semaphore LED indicators also boast superior encapsulation, resisting corrosion and guaranteeing long-lasting, bright visibility.

When Mosaic Mimic Panels are integrated with purpose-built Control Monitoring Desks, the combined system achieves gold standard for real-time activity monitoring, significantly enhancing both safety and efficiency. This powerful pairing is suitable for diverse installations, ranging from high-rise buildings to complex control systems. The desks themselves are available in a versatile range, including custom-built consoles, space-saving wall-mounted enclosures, and easily transportable solutions. Their adaptability caters to a broad spectrum of applications, from bustling control rooms and call centres to critical environments in hospitals and military installations.

Each desk is a custom solution, leveraging Mimic's innovative Alutech™ modular Aluminium extrusion system, which allows for precise tailored requirements. A comprehensive design palette, coupled with a complimentary 3D design service, ensures that every detail is optimised for the intended use. These desks are specifically engineered for 24/7 operation, providing exceptional longevity and cost-effectiveness.

The combination of Mosaic Mimic Panels and Control Monitoring Desks is ideal for a wide range of applications including CCTV Systems, Control Rooms, Hospitals, Military & Mining, Operations, Power Stations, and Railway Developments. These applications highlight how safety and efficiency can be improved when using this "Gold Standard" combination.

The below image shows the combined uses of a massive wall-to-wall mosaic mimic and a large U-shaped control console desk facing the mimic panel, and seating multiple operators. This format allows operators to have 24/7 visual alerts of operational systems information at all times.