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Simulators

Mauell manufactures control room simulators for the utility, transit, and nuclear industries. Mauell uses **in-house manufacturing**, providing the facility, equipment, and staff to maintain the highest level of control over scheduling and quality.

Mauell engineers simulators to closely match the look and feel of the existing simulator or control room while **streamlining the I/O components and hardware.** Mauell also has the capability to procure or fabricate many unique components and instrumentation.

Mauell has extensive experience with all aspects of control room design and is your **total source provider** for control room needs.

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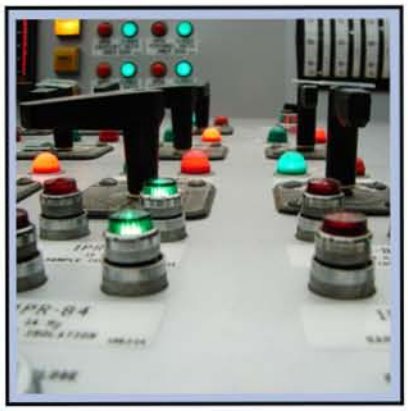
Certified System ISO 9001

In control room operations, a **seamless transition** between training simulators and operating control rooms is critical in preventing costly operator errors. Mauell understands the importance of replicating the look and feel of simulator panels while streamlining the technical components to bring about the **best possible result.**



Parts and Instrumentation

Mauell's skiled staff has the ability to procure many unique parts and instrumentation, seamlessly integrating them into our simulator panels. When parts are unavailable and no close substitutes can be found, Mauell uses reverse enginering and in house manufacturing to fabricate the componets.

Fidelity and Performance

Mauell engineers streamline the performance and operation of every simulator panel while maintaining the fidelity of the existing simulator control room. Mauell constructs the panel to match the materials, colors, fonts and instrumentation to the existing SCR, while optimizing the rear with an easy to maintain and structurally sound design.

In-House Resources

In order to maintain the best control over cost, quality, and scheduling, Mauell houses the equipment and staff to perform all manufacturing and design capabilities in-house. Facilities include custom steel, wiring, paint, and engraving shops. Having this ability within our own organization helps Mauell to have greater flexibility if changes to the design are desired.

Synoptic Image Replication

Mauell manufactures the panel overlays and the synoptic panel sections (image replication areas) through the use of our large format 1200 dpi UV-curable ink jet printer. The printer gives Mauell the ability to print virtually any graphic directly onto the simulator sheet metal panel overlays.

Flexible I/O Integration

Mauell's wide range of experience with a variety of I/O types allows the flexibility to custom tailor an integrated solution fully compatible with customer-specific system instrumentation and software interfaces.

Temporary Mobile Units

Mauell designs and builds modular and mobile type simulators for use as portable or fixed units to provide familiarization training for operators. These units are engineered to suit spatial and usage needs and can be fitted with a variety of components including LCD panels with touch-screen overlays or standard analog equipment per customer specification.

On-Site Maintenance

During scheduled outages, Mauell will perform on-site maintenance and updates to new and existing simulators whether supplied by Mauell or others, easing the burden on customer resources already stretched thin during the short outage cycle. Mauell will manage, update, and provide all drawings and required documentation needed to track system updates.

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