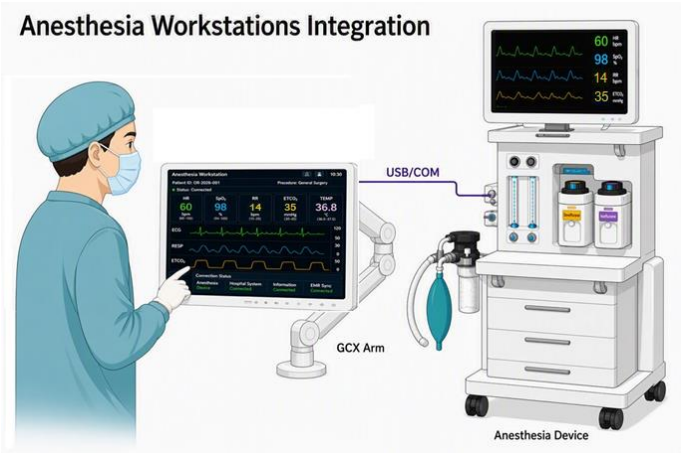
USE CASE SPOTLIGHT

Anesthesia Workstation Integration and Real-Time Patient Monitoring in Operating Rooms





WMP-22P-IP54 *21.5" Medical Panel PC*
WMP-24P-IP54 *23.8" Medical Panel PC*

As hospitals continue to modernize operating room workflows, anesthesia teams require reliable access to patient information, real-time monitoring data, and seamless connectivity between anesthesia equipment and hospital information systems. Operating rooms also impose strict hygiene standards, demanding computing platforms that can withstand frequent cleaning, fluid exposure, and continuous clinical use. To address these requirements, hospitals in France and Finland deployed the WMP-22P-IP54 and WMP-24P-IP54 medical-grade all-in-one PCs to support anesthesia workstation integration and patient monitoring within surgical environments.

Solution

The WMP-22P-IP54 and WMP-24P-IP54 medical all-in-one PCs were implemented as dedicated computing platforms for anesthesia workstations in operating rooms. Integrated directly with anesthesia equipment, the systems support reliable data exchange between monitoring devices and hospital information networks through medical-grade isolated USB and COM interfaces. Flexible mounting options allow installation on anesthesia machine arms or mobile medical carts, helping clinicians access critical patient information wherever needed within the surgical suite. Designed for demanding healthcare environments, the systems feature IP65-rated front protection, IP54 rear protection, anti-bacterial housing, and Projected Capacitive (PCAP) multi-touch displays with a dedicated Clean Me function, enabling efficient cleaning and infection-control procedures without interrupting active applications. Compliance with IEC/EN 60601-1 medical safety standards further supports reliable operation in critical care environments.

Key Benefits

- Seamless integration between anesthesia workstations, patient monitoring systems, and hospital information networks
- Reliable real-time access to patient and anesthesia data during surgical procedures
- Flexible deployment on anesthesia equipment arms or medical carts to optimize workflow efficiency
- Hygienic design featuring anti-bacterial housing, IP65 front protection, and support for frequent cleaning protocol
- Medical-grade safety and dependable operation for mission-critical operating room environments

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