

24/7 Mission-Critical Control Room Design Standards

Engineering Zero-Failure Micro-LED Video Walls & Sub-1ms IP KVM

1. High-Reliability Architecture: N+1 redundant power supplies and loop-through signal paths.
2. Micro-LED Video Walls: 24/7 continuous operation, sub-1mm pixel pitch, and heat dissipation.
3. IP KVM Matrix Routing: Sub-millisecond desktop switching across multiple secure domains.
4. Ergonomic Sightlines: 24/7 operator console layouts and circadian lighting controls.
5. Disaster Recovery: Automated failover protocols and redundant network backbone design.

SmartClass Tech Solutions Pvt. Ltd. | <https://www.smartclasstech.com> | +91 95705 31249