

Smart Port ICCC Transformation

Engineering a Mission-Critical Command Center



Overview

An Indian sea port, a critical maritime hub under national security mandate, required a next-generation Integrated Command & Control Center (ICCC) to ensure 24x7 surveillance, operational continuity, and emergency readiness. Mantra Softech engineered a state-of-the-art facility addressing environmental challenges, technology integration, and human-centric design to deliver a mission-critical, future-ready command center.

Project Highlights

- ✔ State-of-the-art ICCC for national security & interest.
- ✔ 24x7 surveillance & automation for operational resilience.
- ✔ Next-Generation, Climate-Resilient Infrastructure.

Challenges



Decentralized & Fragmented Monitoring



Operational Downtime & Reliability Risks



Severe Environmental Stress & Corrosion



Non-Ergonomic, Fatigue-Inducing Workspace

Solutions Offered



Integrated Command Control System



Resilient Power & Network Backbone



Automated Safety & Emergency Systems



Human-Centric AV & Control Room Design

ICCC Architecture & Solution Blueprint

The legacy command center faced fragmented monitoring, low clarity, and reliability challenges. The upgraded ICCC now provides a cohesive, resilient, and operator-centric environment supported by advanced climate control, unified command visualization, and a robust power network for continuous operations and rapid decision-making.

Our SmartPort Solutions



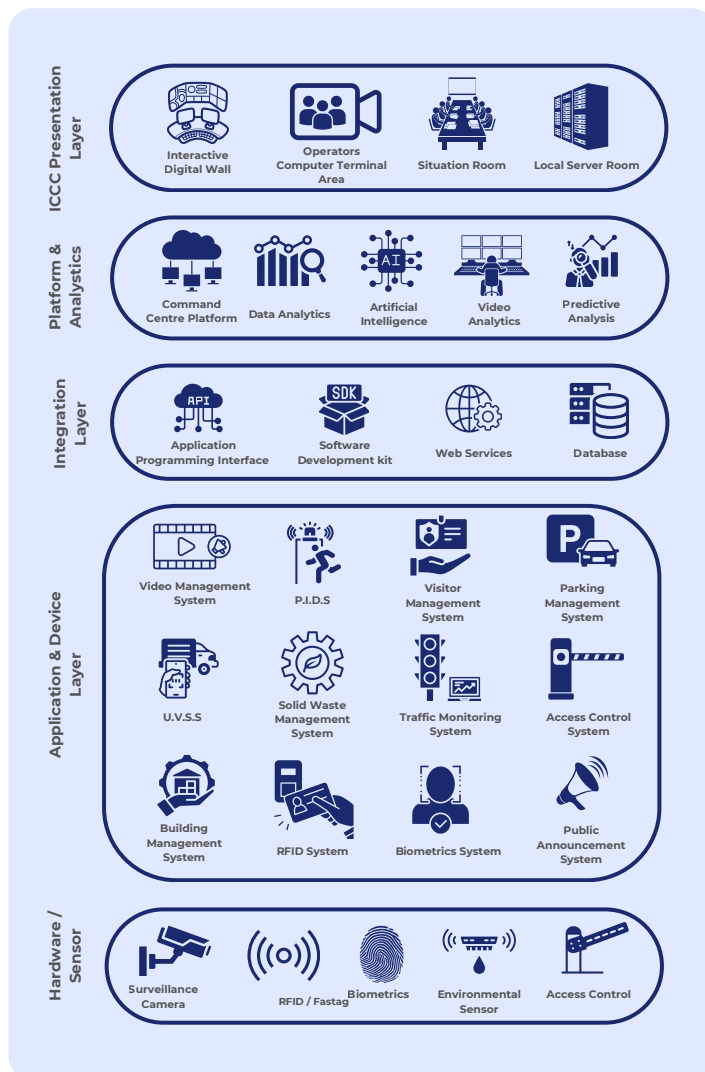
ISPS Compliant
Security & Surveillance



ISPS Complaint Harbour
Entry Automation & Access
Management



Integrated Command Control
& Decision Systems



About Mantra Softech

Mantra Softech specializes in identity, access, and integrated command-control solutions designed for high-demand operational frameworks. These technologies support the advanced infrastructure and situational awareness required in today's Smart Port and maritime settings.



1,400+
employees



Legacy
from 2006



40+
countries

5.5M+ Identity
Devices Deployed

35% lower
hardware cost

250+ Government &
PSU Organisations

~300,000 sq. ft.
manufacturing footprint

