SIRA compliant High Security and iBMS enabled Resource Optimisation for Majid Al Futtaim Carrefour, Dubai

077



Insights • Intelligence • Integration

CASE

STUDY

Client



Largest and most advanced of Carrefour's distribution hubs

Warehouse in 139,354.6 square meter of land

Storage capacity of 400 million units (food and non-food)

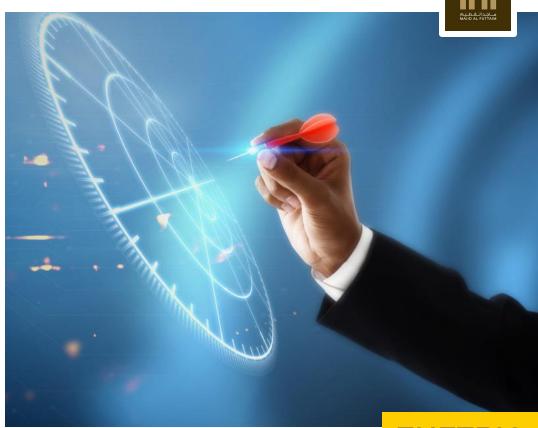
Manage 150000 orders /day

Multi temperature storage unit



Need

- Regulatory compliance with SIRA (Security Industry Regulatory Agency)
- Enhanced employee comfort through efficient asset management of multiple HVAC units
- Central monitoring system







- SIRA compliant IP based security camera system with zero blank spots
- Easy remote administration of multiple functionalities offering 360 degree warehouse security
- OPS video wall equipped central control centre with high response capacity
- Video analytics like motion detection, line crossing detection, region entrance/exit detection, etc.
- Access control system
- User friendly 3D Graphical iBMS integrated with CCTV and access control

With:

- 728 PELCO IP cameras of varying specifications
- PELCO storage systems
- CISCO Networking solution
- Johnson Controls Access Control System with HID Reader, 3 Main Access Controllers, 75 Door Controllers, 161 Smart readers & 1000 employee Cards
- Johnson Controls BMS Controllers
- 3 OPS workstations with 64 camera capability and 36 camera viewing scenarios
- Failure proof network configured in star topology





Benefits/Results

Considerably reduced material loss

Energy management and conservation





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