

CASE
STUDY

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



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



Solution framework

- 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



Thank
Get Enetrified.
You!