CASE STUDY

LUSAIL CITY, QATAR

INTEGRATION OF 14 FACILITIES/ UTILITIES/INFRASTRUCTURES(CP-31)

The Project

The integration of 14 locations to the Central Server location using NCUNIVIEW-NEO Gateway/Integration controller to monitor, control and schedule the devices in a planned and efficient manner.

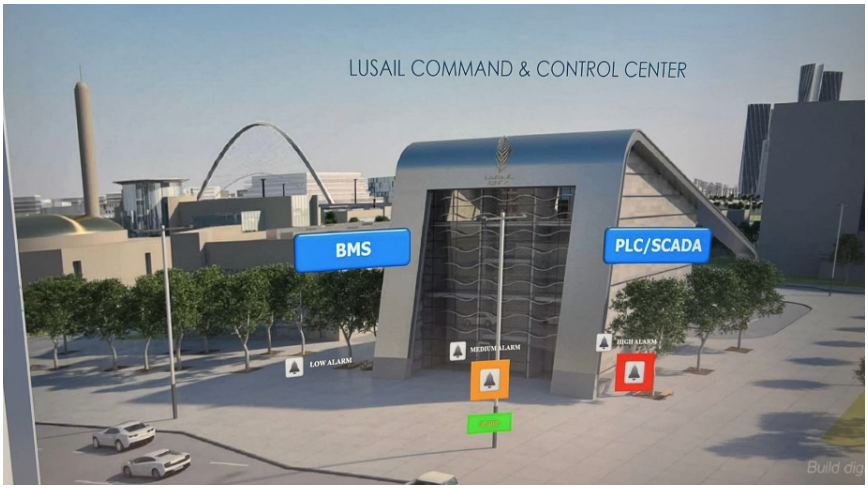
The Scope

- NETIX.AI has successfully delivered Seamless integration of 14 facilities/Utilities/Infrastructures i.e. diverse legacy OEM Systems(Schneider/Trend/GE/Mitsubishi) PLC, BMS: 85,000 data points(monitoring and control points) discovered and mapped to Netix.Ai Supra Software) across Lusail onto a single platform using state of the art Netix.Ai technologies @Lusail Command & Control Centre, Qatar
- Optimized operations of BMS of 14 properties of Lusail Smart City, Qatar to LCCC.
- Fine-tuned the controller in such a way that the parameters reaches the Central Server platform in real time.
- Exposed the parameters to Central Server Graphics and made sure to get the confirmation from LCCC subject matter expert that all the parameters are being received properly.
- Completed System Validation
- Design qualification (DQ) Installation qualification (IQ) Operational qualification (OQ)

The Product

NETIX Neo Gateway and

Uniview SUPRA Software



CASE STUDY

LUSAIL CITY, QATAR

SEAMLESSLY INTEGRATED MULTI-BRAND BMS & PLC SYSTEMS WITH THE POWER OF NETIX.AI AND NIAGARA

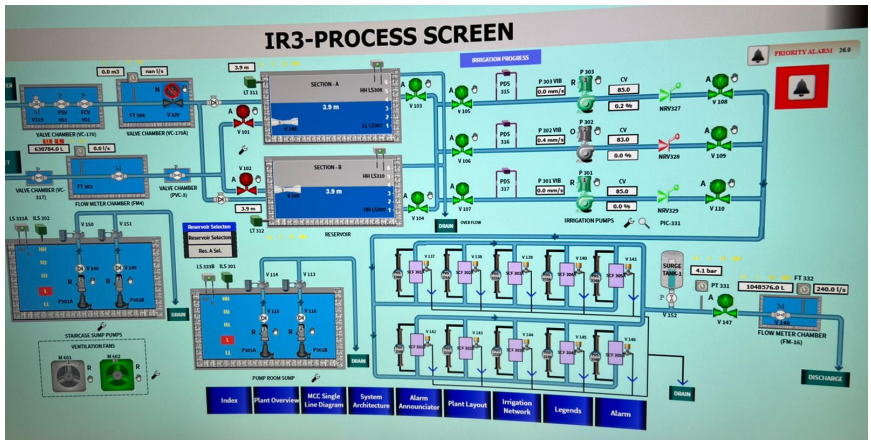
The Solution

Since End-user @Lusail Operation FM was managing multiple assets all over Phase-2 and Phase-3 buildings they looked for a system which can integrate all the HVAC equipments, Electrical, Plumbing and Lighting into a single software platform which integrates and gives more analytical information that supports them to operate and maintain effectively and efficiently.

Keeping the above challenges in mind, we designed and provided a solution to the customers.

We gathered 14 sites information without disturbing the existing PC available on the buildings, discovered the parameters, mapped and exposed the data in unified open protocol format.

The system was successfully handed over after the complete system validation was done which included Design Qualification (DQ), Installation Qualification (IQ) and Operational Qualification (OQ)



Locations

Irrigation Pumping Station-IR2
Irrigation Pumping Station-IR2
Irrigation Pumping Station-IR3
Irrigation Pumping Station-IR4

Storm Water Pump Station (STPS)
Storm Water Pump Station (SW1)
Foul Sewer Pump Station (PSB)
Marina Car Parks - 1 to 4

Road Tunnel - A3-A
Road Tunnel - A3-B
Marina PWC Plant