

Integrate, Connect and Manage Smart Cities Systems



'Delivering a Broad Range of SMART CITY Services'

A Case Study by MEEZA, Master System Integrator.

Msheireb Properties (MP) Launched in March, 2009, to create a leading-edge urban living concept, built on traditional Qatari architecture in order to contribute to the social and cultural heritage of Doha, had a unique challenge; it needed to source a full spectrum of SMART CITY services within a short timeframe to allow it to become operational. With this in mind, it approached MEEZA, giving the company a brief to design and develop IT infrastructure that would be adaptable to changing requirements and have the ability to grow and expand alongside the project.

MEEZA, which successfully provided Smart Cities & ICT consultancy services to Msheireb Properties during the company's formation, demonstrating a thorough understanding of the client's current and future needs, responded quickly and professionally, delivering a broad array of Smart City and ICT services categorized as follows:

Citizen Services; Operations Support Services; Management Services, ICT Infrastructure Services, and Program Management Services. In addition, Msheireb Properties required ongoing management and support for the Smart City and ICT systems used to support its business.

The integrated solutions delivered by MEEZA allow Msheireb Properties to maintain administrative control over users data and resources, whilst leveraging MEEZA's Smart Technologies and years-long expertise in building smart cities, towards developing the technological infrastructure for designing, managing and monitoring processes at Msheireb Downtown Doha.

Furthermore, MEEZA as Master Services Integrator (MSI) fulfils the role of the Prime Contractor offering a single point of accountability for all the Smart City and ICT Services within scope, during the Design, Build and Operate phases.

SMART CITY Services provided:

Citizen Services

- Information and Way finding mobile app
- Content and advertising management
- Portal (Shell, Community, On line payment)
- Central Service Desk (CSD)
- Public Wi-Fi
- Integrated Reception Service (FreeToAir/satelliteTV)

Management Services

- Business Intelligence & Data Analytics

Operations support services (Monitoring & Control Interfaces)

- Central System Management Platform
- Enterprise Energy Management
- Building & Public Realm Lighting
- Access Control System
- Fire Alarm Systems
- Intruder Detection
- Car Park System
- Gas Bulk
- People counting
- Electronic amenities
- Smart Metering
- Smart Irrigation System
- Automatic Waste Collection
- Building Management Systems
- CCTV
- Cable Management
- District Cooling
- Public Announcement
- Indoor geolocation
- Digital signage players
- CAEMS (Asset Management System)

ICT Infrastructure Services

- ICT hosting Services
- EAI (Enterprise Application Interface)
- Advanced Desktop Services
- Network & ICT Security Services
- IP Telephony and Call Center infrastructure
- IT Operations of the entire city
- ICT facilities Fit Out
- Advanced Print Services
- Wi-Fi Services (In-door & Outdoor)
- Synchronized Time

Management Services

- Overall Program Governance
- Project Management Office (PMO)
- Architecture Office (Applications, ELV, & Infrastructure)
- Global Operations

A number of benefits have been provided by MEEZA on this project, including:

- State of art Smart Services
- Scalability
- Client Focus on Core Business
- High ROI
- Technology Agnostic

Through the provision of world-class SMART CITY services and solutions, MEEZA is providing Msheireb Properties with the ability to scale rapidly and the freedom to focus on its core business - transforming the urban landscape of Qatar.