



**Company Profile**

**Value Controls**

# Company Profile

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# Welcome



**Value Controls Technical Works L.L.C** founded in 2014, with its aim to simplify building control engineering solutions and provides value to the clients. We treat each project in its entirety and go beyond mere physical implementation to optimize the Building Control Systems Design and Extra Low Voltage (ELV) systems design to achieve most energy efficient and sustainable solution which will not only save our client's investment during project implementation stage but also significantly reduce ongoing operational and maintenance cost.

Our team is led by highly qualified leaders and staff who is having over 20+ years of extensive experience in building control systems and solutions, converged network solutions, ELV systems integration, ELV system commissioning management, and project management. We have expertise and hands-on experiences in building controls system design, optimization, implementation, and ELV System integration. Our resources have successfully led, executed and completed many medium to large scale complex projects including Five Star Hotels, Commercial Buildings, Residential Building, Hospitals, Sport Stadium and Airports in the Middle East and Sub-continent.

We understand the dynamics of building control systems design and having expertise to meet clients' specific need by providing **optimized design solution** with sustainability & scalability, **project management** to ensure timely and quality project deliverables, **commissioning management** to ensure system performance are met as per specification and **system integration** is ensure added value from the integrated system.

Our people are the most prized assets at **Value Controls**. Each individual in our team is a vital cog in the overall operations and organization.

“Our vision is to be world's best customer focus company; make each building most energy efficient, environmentally safe and comfort living”

# Customer Challenges



The classical systems of building automation systems (BAS) have evolved from control of heating, ventilation and air-conditioning (HVAC). The wide use of technology and powerful embedded systems has enabled new developments. Building automation is employed to integrate user requirements, system requirements and optimizations in order to maintain user comfort—with energy efficiency being a recently added optimization goal. At the same time, the complexity increases as new services are added. The basic design of controllers has become distributed and is adopting advanced methods of convergence, redundancy, and interoperability which changed the BAS concept to IBAS (Integrated Building Automated System). Consultants are being advised by technology developers and Individual system manufacturers/suppliers to address customer requirements and each is unique in its solution. Challenges come across when;

- All of these technologies need to integrate with each other to provide optimized operation.
- Individual system suppliers provide their solution as per their scope of works but there are ambiguities in tender specifications for interoperability with other systems.
- Interface management is lacking coordination between specialized system suppliers which result in project handover delays.
- Facility management team finds it difficult to take over the system(s) when the operational snags are not rectified with due diligence.
- Client as end user, who is expecting a fast ROI, gets frustrated when systems are not delivered as expected.

We provide complete end to end services and support by utilizing our knowledge, experience of delivering complex projects, utilizing latest tools and technologies combined with global sustainable practices, making it possible for companies of all sizes as well as Governments, to implement advanced technical solutions while becoming greener in the most economical ways.

# Value Propositions



**We Offer**

- Project Management
- Project Execution – Systems Integrator
- Systems Integration Management
- Extra Low Voltage Systems Design Support
- Commissioning Management
- Trainings - Technical and Project Management

Based on our diversified technical and project management experience, our services and offerings cover:

## Project Management

Our resources have successfully managed small to large scale and technically complex, integrated, and converged ELC/ICT projects with up to 18+ subsystems. This is achieved using structured and process oriented approach.

➤ <b>Enterprise level systems integration</b>	➤ <b>Guest room management system</b>
➤ <b>CCTV system</b>	➤ <b>Digital Signage system</b>
➤ <b>Access control system</b>	➤ <b>Audio Visual system</b>
➤ <b>Fire alarm system</b>	➤ <b>Emergency lighting system</b>
➤ <b>Building management system</b>	➤ <b>VOICE (Telephony system)</b>
➤ <b>HiTV / SMATV system</b>	➤ <b>PA/VA/BGM system</b>
➤ <b>Structured cabling system</b>	➤ <b>Wireless infrastructure</b>
➤ <b>High speed Internet access (HSIA) System</b>	➤ <b>Car park management and Guidance system</b>
➤ <b>Master clock system</b>	➤ <b>Data networks</b>
➤ <b>Energy metering and Tenant billing system</b>	➤ <b>Lighting control system</b>

The primary challenge of project management is to achieve all of the project goals and objectives while honoring the preconceived constraints. The primary constraints are scope, time, quality and budget. The secondary — and more ambitious — challenge is to optimize the allocation of necessary inputs and integrate them to meet pre-defined objectives.

## Systems Integrator

Provide end to end delivery solutions for integrated or independent systems

- Building Management System
- Guest Room Management System
- Parking Guidance and Management System
- Structured Cabling System

## Systems Integration Management

Project Integration Management includes the processes and activities needed to identify, define, combine, unify, and coordinate the various Building Management System suppliers and integrators. Typically in Integration Management, we provide:

- Complete coordination between individual systems installers
- Control and monitor integration matrix between systems' suppliers
- Update all the key stake holders with progress and risks with a mitigation plan

## ELV Systems Design Support

We suggest engaging with design and supervision consultants in early stages of a project by extending our services for:

- ELV systems design guidelines and specifications
- ELV systems tender drawings
- ELV systems feasibility report on technologies and systems to be deployed
- ELV system suppliers scope matrix and integration framework

## Commissioning Management

The initiation and implementation of a formal commissioning management system is vital to the success of any project. Utilizing our expertise and experience in both hands-on and full commissioning management of ELV systems, we are able to offer to clients, contractors, designers, project managers and building end users Commissioning Management.

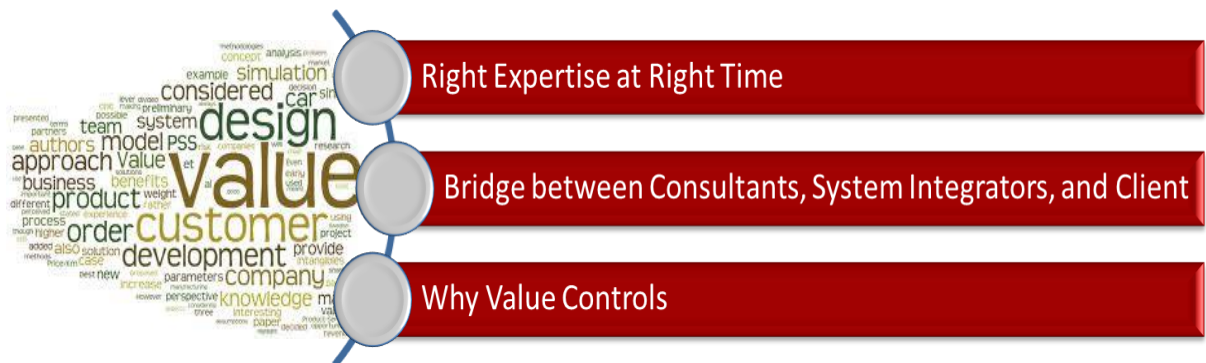
➤ <i>Review of commissioning programmes</i>	➤ <i>Review of commissioning method statements</i>
➤ <i>Witnessing of systems commissioning</i>	➤ <i>Review of commissioning and test results</i>
➤ <i>Co-ordination and control of record documentation</i>	➤ <i>Verification and collation of O&amp;M documentation</i>
➤ <b>Coordination, inspect, and control of containment installation</b>	➤ <i>Surveys and troubleshooting</i>
➤ <i>Co-ordinated, multi-service commissioning method statements, logic networks, and programmes</i>	➤ <i>Co-ordination of client / statutory demonstrations</i>
➤ <i>Pre-commissioning and commissioning witnessing</i>	➤ <i>Systems trainings coordination and documentation</i>

## Trainings – Technical and Project Management

We provide technical trainings on ELV systems and Project Management. These training can be offered to academic and technical institutes and universities:

- HVAC controls training
- BMS controls training
- CCTV controls training
- Access controls training
- Guest Room Management controls training
- Emergency Lighting Controls training.
- Other ELV systems training

# Differentiators



Success of any project is to provide right expertise at the right time.

- Our vision is to provide one-stop solution by engaging from design stage with consultants and then bridging, monitoring, and controlling complete coordination between all stake holders on the technical front.
- Our services and expertise ranging from ELV system design, project management, commissioning management and ELV system integration provides complete peace of mind to our valued customers.
- Exceeding the customer expectation in such a dynamic disciplines requires multi-talented team having expertise in systems design, hands-on project execution expertise and in depth contractual understanding of the projects.
- We can help our clients in identifying the right products choice, optimized system design, liaise with preferred system supplier/installers and optimize all aspects of project from calling tender through project execution to ensure successful project delivery.
- We provide added value to our clients by providing independent choice of products selection which meet client’s needs and budget and use best simplified approach of ELV system design to achieve optimized solution.
- Based on our experience of projects execution, we can act as Interface control management on small to large scale complex projects and during commissioning & handover stage structured inspections and validations of all Extra Low Voltage Systems.



# Health and Safety



Value Controls as an organization committed to achieving business excellence and prevention of injury and ill health and continually provide a safe work place to all personnel working under its control and to prevention of pollution and reducing the impact of its operations and processes to minimize operational discharges by integrating HSE principles and methods into all our business practices and communicate openly with all interested parties on matters relating occupational health, safety, and environmental performance of the company at every level of our company.

We provide our customers with quality systems, solution and services and take a long term perspective of our relationship with customer, treating them more as business partners.

We aim at achieving customer satisfaction through the understanding of our clients' requirements and conforming to those requirements at all times from the first time.

By employing human resources with appropriate skills and equipping them with tools to enable them to effectively carry out their jobs, Value Controls has properly structured its organization.

In our effort to provide proven, state-of-the-art quality products, the best practices, processes and procedures are used to continuously improve our performance with a total quality management approach.

# Reference Projects

Some major projects, where our resources played vital role in project management, engineering, execution, and successful completion with their historic employers.



Project Name	Location	Systems	Facility Type
Al-Bustan Rotana Hotel	Dubai	BMS & Controls	5 Star Hotel
Crown Plaza Hotel	Abu Dhabi	BMS & VFDs	5 Star Hotel located in Abu Dhabi
DUSIT Hotel & Furnished Apartments	Dubai	Integrated BMS, Lighting Control & HVAC Controls	37 Story Building - 200 guest rooms, 200 furnished apartments and 200 unfurnished apartments
Green Community Hotel	Dubai	Integrated BMS, Fire Alarm & HVAC Controls	5* Hotel Building & Services Apartments Building
Green Community Serviced Apartments	Dubai	Integrated BMS, Lighting Control & HVAC Controls	Furnished apartments building for Marriott
Hilton Dubai – Jumeirah	Dubai	BMS & Controls	11 Story 5* Hotel Building in Jumeirah
Hilton Hotel - Deira	Dubai	BMS & Controls	15 Story Hotel Building - 160 guest rooms, Dubai Deira
Jebel Dhana Hotel	Abu Dhabi	BMS & Controls	Residential City
Le Meridian Mina Siah - Jumeirah	Dubai	BMS & Controls	14 Story 5* Hotel Building in Jumeirah

Project Name	Location	Systems	Facility Type
Le Royal Meridian Jumeirah - all 3 phases	Dubai	BMS & Controls	5* Hotel Building in Jumeirah
Oasis Hotel	Dubai	BMS & Controls	Hotel in Jumeirah
The Fairmont Hotel Dubai	Dubai	Integrated BMS, Lighting Control & HVAC Controls	37 Story Building - 400 guest rooms, 400 furnished apartments and 400 unfurnished apartments
Traders Hotel Dubai	Dubai	Integrated BMS, Fire Alarm, Security & HVAC Controls	4 Star Hotel Building
Villa Rotana Apartments	Dubai	Integrated BMS & HVAC Controls	Furnished apartments at Sheikh Zayed road for Rotana Group
Al Buhairah Insurance Tower	Sharjah	BMS & Controls	40 Story Residential & Offices Commercial Building
Al Fattan Building in Al Qusais	Dubai	BMS & Controls	Residential Building with BTU Metering System
Al Fattan Marine Towers	Dubai	BMS & Integration	2 Multi-story Towers on Marina
Al Rostamani Car Showroom & Offices Bldg.	Dubai	Integrated BMS, Lighting, Fire Alarm & Controls	HQ of Al Rostamani Group. A 12 Story Commercial Building with Cars Showroom.
Emirates Hills Apartments T2 & T2A	Dubai	Integrated Central Monitoring System Including BMS, Fire Alarm, Lighting, Emergency Lighting, LV Panels, Chillers & HVAC Controls	23 Residential Buildings for Emaar
Emirates Hills Offices Development	Dubai	BMS & Integration	4 Office Buildings for Emaar
La Riviera Tower	Dubai	BMS & Integration	Multi-story Residential Tower on Marina
Saeed Ghobbash Building	Dubai	BMS & Controls	8 Story Commercial Building
The Tower	Dubai	BMS & Integration	53 Story Residential Tower for Union Properties
Bank Saderat Iran	Dubai	Integrated BMS, Fire Alarm & Chillers Controls	Bank Sederat HQ in Dubai
Dubai New Airwing Facility	Dubai	Integrated BMS & CONTROLS	Airwing Facility for Dubai Police at Dubai Int'l Airport
DUBAL Administration Building	Dubai	BMS & Controls	DUBAL Administration Building
ETISALAT - CATV Earth Station	Sharjah	Integrated BMS & Fire Alarm	Thuraya Earth Station HQ
ETISALAT Customer Service Building	Abu Dhabi	BMS, Lighting, Fire Alarm, Security, CCTV & Integration	24 Story HQ Building for Etisalat

Project Name	Location	Systems	Facility Type
ETISALAT Headquarters – Ajman	Ajman	BMS, Lighting, Fire Alarm, Security, CCTV & Integration	16 Story HQ Building for Etisalat
ETISALAT High-rise Buildings	Fuj. & RAK	BMS, Lighting, Fire Alarm, Security, CCTV & Integration	Two 17 Story HQ Buildings for Etisalat
ETISALAT HQ Sharjah	Sharjah	BMS, Lighting, Fire Alarm, Security, CCTV & Integration	22 Story HQ Building for Etisalat
ETISALAT Thuraya Gateway	Sharjah	BMS & Controls	Thuraya Earth Station HQ
Mashreq Bank Building at TECOM	Dubai	Integrated BMS, Lighting, Fire Alarm, Security & Access Controls	Mashreq Bank HQ in TECOM
Teleport Building at TECOM	Dubai	Integrated BMS, Fire Alarm, Security, CCTV , and HVAC Controls	Teleport Building HQ for TECOM
Zadco/ Gasco Head Quarter	Abu Dhabi	BMS, Lighting, Fire Alarm, Security, CCTV & Integration	Two 25 Story Twin Towers (HQ)
American University of Dubai	Dubai	DDC Controls	AUD University
Dubai Women College	Dubai	Integrated BMS & Fire Alarm	HCT college for Women
Emirates Aviation Training Centre	Dubai	Integrated BMS, Fire Alarm, Lighting Control, UPS, CCUs, Chillers & HVAC Controls (Full Lon Solution)	Training Centre for Emirates
ETISALAT Training Center-Dubai	Dubai	Integrated BMS & HVAC Controls	University Complex
University of Sharjah for Boys	Dubai	Integrated BMS, Lighting, Fire Alarm, Security & Access Controls	Training Centre for Etisalat
Al-Muhairy Complex	Abu Dhabi	BMS & Controls	22 Story Residential & Commercial Complex
Bur Juman Center	Dubai	BMS & Controls	The biggest shopping mall in Qatar
Carrefour Hypermarket, Ajman City Centre	Ajman	BMS & Controls	Hypermarket
Carrefour Hypermarket, Sharjah City Centre	Sharjah	BMS & Controls	Hypermarket
City Center Doha	Qatar	BMS & Controls	5 Story Shopping Mall with Commercial Offices
Marcato Centre	Dubai	Integrated BMS, Kwhr Metering, Billing Systems & HVAC Controls	Shopping Mall

<b>Project Name</b>	<b>Location</b>	<b>Systems</b>	<b>Facility Type</b>
Rabdan Complex	Abu Dhabi	BMS & Controls	25 Story Residential & Commercial Complex
Sahara Shopping Mall	Sharjah	Integrated BMS, Btu Metering, Kwhr Metering, Billing Systems & HVAC Controls	Among the biggest shopping malls in the region.
Al Dhaid Hospital	Sharjah	BMS & Controls	
Central Emergency Hospital	Abu Dhabi	BMS & Controls	400 Beds Hospital
Faculty of Medicine	Al Ain	BMS & Controls	
General Hospital at Al Rahba	Rahba	BMS & Controls	
Global Pharma Plant	Dubai	BMS & Controls	Pharmaceutical Plant
Gulf Pharmaceutical Industries (Jolphar)	RAK	BMS & Controls	Pharmaceutical Plant
Abu Dhabi Exhibition Center	Abu Dhabi	Integrated HVAC, BMS, Lighting & Controls	Hall Exhibition Building with Offices
Sharjah Expo Center	Sharjah	Integrated HVAC, BMS, Lighting, Fire Alarm, Security, Turnstiles, Access Control & CCTV	Exhibition Halls with Offices & Conference Facilities
Dubai Airwing New Hanger Facility	Dubai	Integrated HVAC, BMS & Fire Alarm	Hangers
Dubai Bowling Centre	Dubai	Integrated HVAC, BMS, Lighting & Fire Alarm	Major sport Facility
Dubai Central Prison	Dubai	Integrated HVAC, BMS & Fire Alarm	Dubai Central Prison - major project for Dubai Police
Shk. Khalifa Palace	Dubai	BMS & Controls	Sheikh's Palace
Al Bahr Palace	Abu Dhabi	BMS & Controls	Sheikh's Palace
Riyadh Palace (Ghantoot)	Abu Dhabi	BMS & Controls	Sheikh's Palace
Bin Butti Complex	Abu Dhabi	BMS & Controls	Sheikh's Palace
Shk. Khalifa Complex	Al Ain	BMS & Controls	Sheikh's Palace
Shk. Sultan Palace	Abu Dhabi	BMS & Controls	Sheikh's Palace
Shk. Sultan Palace (Bateen Palace)	Abu Dhabi	BMS & Controls	Sheikh's Palace

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Project Management | Systems Integrator | Design Support | Commissioning Management | Tech Trainings