

Mwad AlTshyyd Liltijarah (MMTL-TECH)



SMART INFRASTRUCTURE & INTELLIGENT BUILDING SOLUTIONS PROVIDER

Building the Future of Intelligent Infrastructure

Mwad AlTshyyd is a Saudi-based technology and engineering solutions provider specializing in Smart Infrastructure, Intelligent Buildings, Integrated MEP Systems, Building Automation, Low Current Systems, and Advanced Security Solutions .

With a strong foundation in engineering excellence and technology integration, we deliver future -ready solutions that enhance operational efficiency, sustainability, safety, connectivity, and long-term asset performance across commercial, hospitality, industrial, educational, healthcare, and critical infrastructure sectors .

Our evolution from a traditional MEP and systems supplier into a Smart Infrastructure & Intelligent Building Solutions Provider reflects our commitment to supporting **Saudi Arabia's Vision 2030** through innovation, digital transformation, and intelligent system integration .



Who We Are

We are more than a supplier we are a **strategic technology partner** delivering integrated engineering and intelligent building ecosystems.

Engineering Expertise

Design support, supply, integration, commissioning, and optimization of advanced building technologies.

Global Technologies

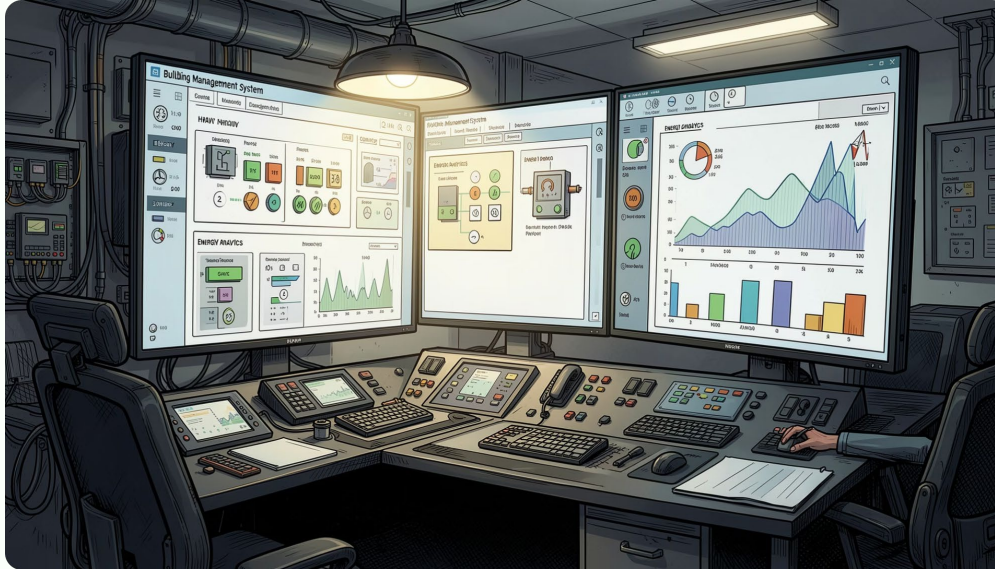
Combining globally recognized technologies with deep localized Saudi market knowledge.

Intelligent Assets

Transforming conventional facilities into connected, intelligent, and high performance assets.

By combining engineering expertise with globally recognized technologies and localized market knowledge, we help clients transform conventional facilities into connected, intelligent, and high-performance assets —enabling smarter, safer, and more efficient environments .

Smart Building & Building Automation Systems (BMS)



We deliver intelligent building management solutions that provide **centralized monitoring, automation, control, analytics, and optimization** of building operations .

Energy Efficiency

Reduce consumption through intelligent automation and real-time analytics.

HVAC Optimization

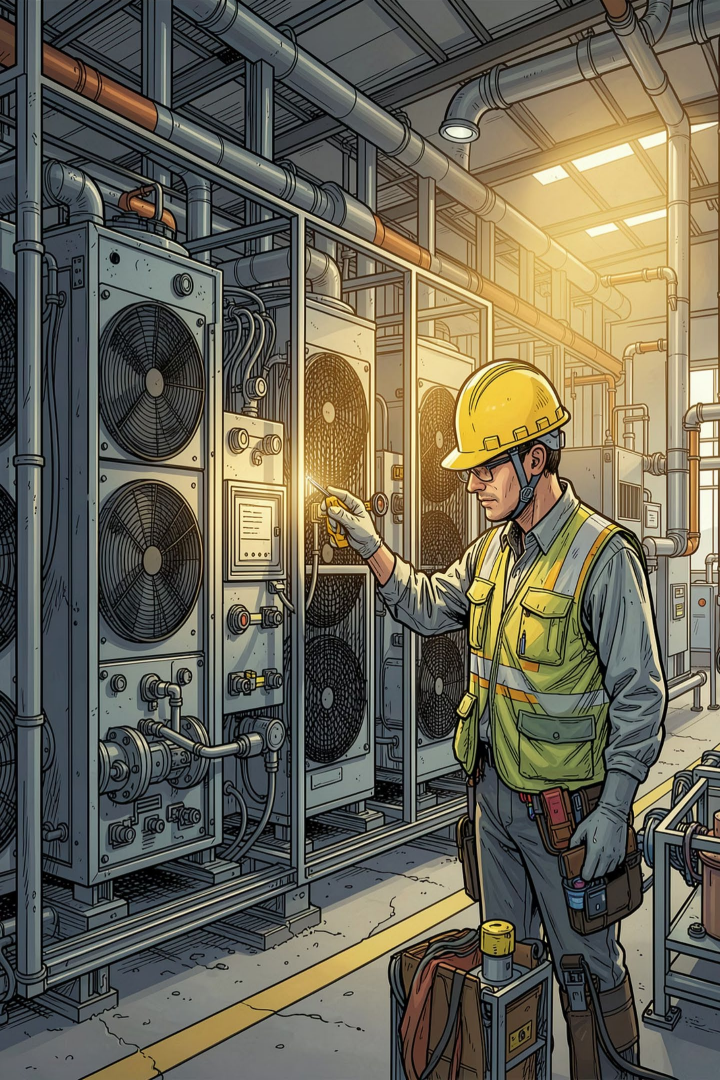
Precision climate control for occupant comfort and operational savings.

Predictive Maintenance

Proactive asset lifecycle management to minimize downtime and costs.

Operational Performance

Unified control of all building systems from a single intelligent platform.



Intelligent MEP & HVAC Solutions

Our engineering teams provide integrated **Mechanical, Electrical, Plumbing, and HVAC solutions** designed for high-performance buildings and mission-critical facilities.



HVAC Control Systems

Advanced climate control for precision performance across all facility types.



Chiller Plant Optimization

Maximizing cooling efficiency and reducing energy consumption at scale.



Energy-Efficient Infrastructure

Sustainable mechanical and electrical systems built for long-term performance.



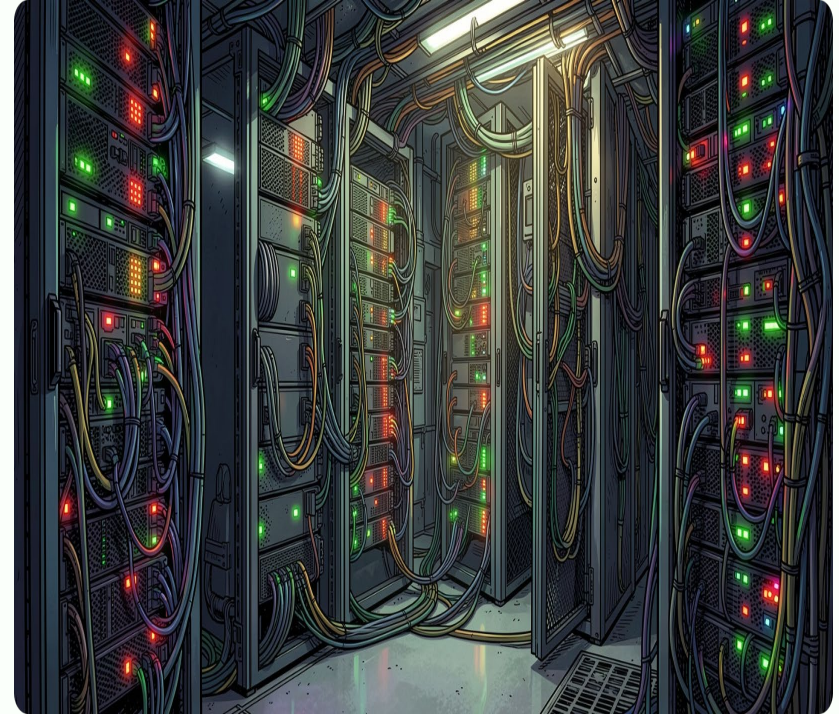
Retrofit & Upgrade Projects

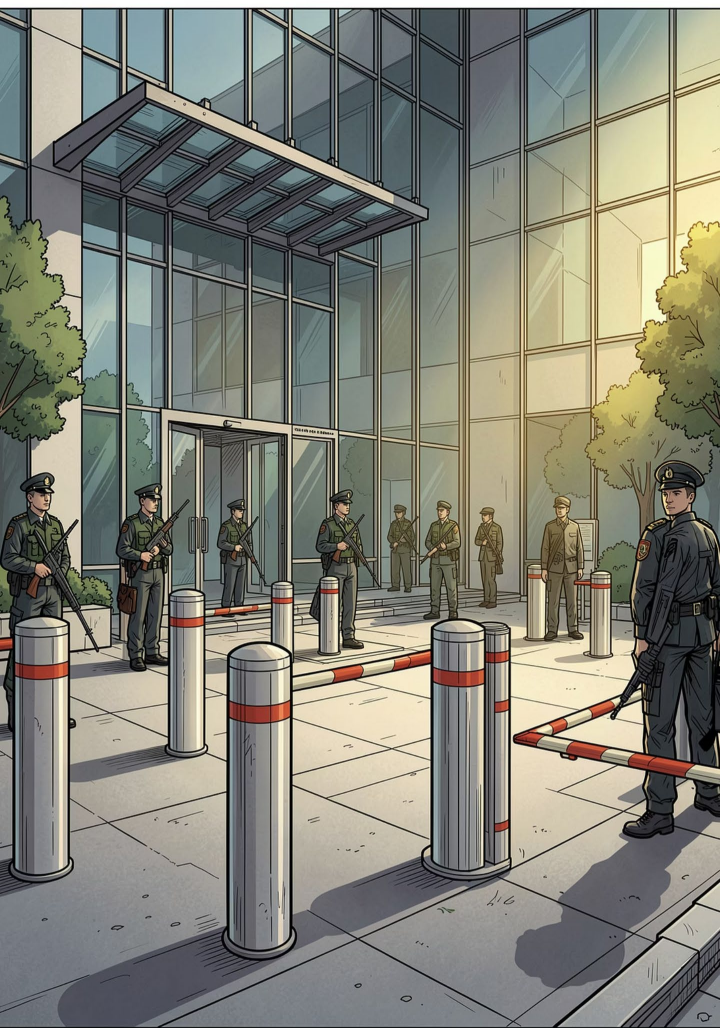
Modernizing existing facilities with smart mechanical integration and commissioning.

Low Current & ELV Systems

We deliver **scalable and secure low current infrastructure** tailored for modern intelligent facilities ensuring seamless communication, surveillance, and safety across every environment .

- **CCTV & Video Surveillance**
Comprehensive visual monitoring for safety and operational oversight.
- **Access Control Systems**
Intelligent entry management for secure and efficient facility access.
- **Fire Alarm Systems**
Life - safety solutions with rapid detection and integrated response.
- **Structured Cabling & IP Telephony**
Robust network infrastructure and integrated communication systems.
- **Wireless Communication**
Scalable wireless solutions for connected, intelligent environments.





Smart Security & Critical Infrastructure Protection

We provide **intelligent security and hostile vehicle mitigation solutions** for critical infrastructure government facilities, airports, commercial developments, and high-security environments.

Bollards & Road Blockers

High -impact hostile vehicle mitigation for perimeter defense.



Barrier Systems

Automated and manual barriers for controlled access and security zones.



Perimeter Protection

Layered security solutions safeguarding critical facility boundaries.



Emergency Response Systems

Integrated infrastructure for rapid, coordinated emergency management.

Intelligent Lighting Solutions



We deliver **modern lighting systems** that combine aesthetics, efficiency, and smart control capabilities for commercial, hospitality, retail, and residential projects .

1

Energy Optimization

Intelligent controls that dramatically reduce lighting energy consumption.

2

Smart Lighting Integration

Seamless connection with BMS and building automation platforms.

3

Architectural Enhancement

Lighting design that elevates aesthetics and brand experience.

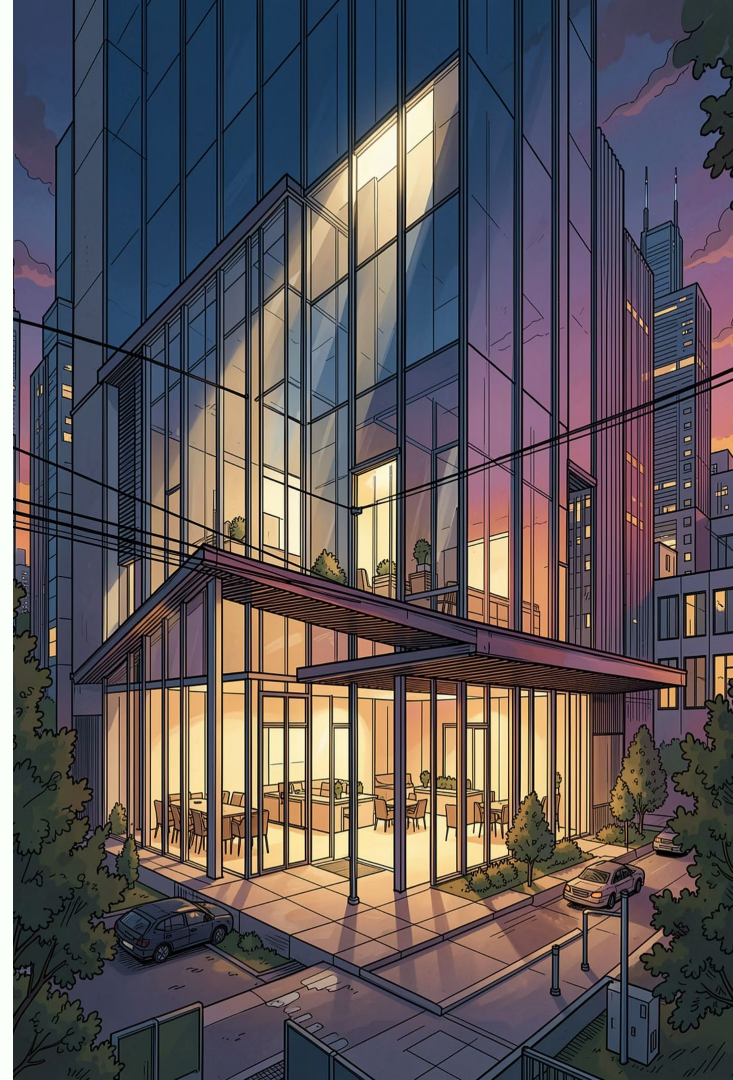
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Sustainable Performance

Long - term reliability and sustainable outcomes for every project.

What Sets Us Apart

Mwad AITshyyd Smart Infrastructure & Intelligent Building Solutions
Provider delivering integrated, future ready technologies across Saudi Arabia and beyond.





Our Core Strengths

Integrated Technology Expertise

We bridge the gap between engineering, automation, and intelligent infrastructure by delivering fully integrated systems under one platform .

End-to-End Project Delivery

From concept support and engineering consultation to supply, commissioning, and after -sales support, we provide complete lifecycle solutions ensuring every project is delivered with precision from start to finish .

What Defines Our Approach

Future -Ready Solutions

We focus on scalable, data-driven, and digitally enabled infrastructure designed to meet evolving operational and sustainability demands.

Strong Technology Partnerships

We collaborate with globally recognized manufacturers and technology leaders to deliver reliable, innovative, and high performance solutions.

Local Presence, Global Standards

Based in Saudi Arabia, we combine deep local market understanding with international engineering standards and best practices.

Commitment to Vision 2030

We actively support the Kingdom's transformation initiatives by promoting smart infrastructure development, localization, sustainability, and advanced building technologies .

Industries We Serve



Commercial & Mixed-Use



Hospitality & Hotels



Educational Institutions



Healthcare Facilities



Industrial & Manufacturing



Airports & Transportation



Government & Critical Infrastructure



Retail & Lifestyle

Proven Project Experience

Our project portfolio reflects successful delivery and integration of intelligent building and infrastructure solutions across prestigious developments in Saudi Arabia .

BMS & HVAC Integration

Intelligent Building Management System and HVAC integration for large -scale industrial facilities.

Smart Building Upgrades

Smart building system upgrades for universities and commercial assets, enhancing operational efficiency.

Fire Alarm & Life Safety

Modernization of fire alarm and life safety systems to meet the highest safety standards.

Wireless & Emergency Systems

Wireless communication and emergency response systems deployed for hospitality developments.

Chiller Plant Automation

Chiller plant management and automation systems for critical infrastructure environments.

✔ Through every project, we remain committed to **technical excellence** , **operational reliability** and **client satisfaction** .



Our Vision & Mission

Our Vision

To become a leading regional provider of Smart Infrastructure and Intelligent Building Solutions by delivering innovative technologies that redefine efficiency, safety, sustainability, and digital transformation.

Our Mission

To empower clients with intelligent engineering solutions that create smarter environments, optimize operational performance, and deliver long-term value through innovation, integration, and engineering excellence.

Why Clients Choose Us

- Intelligent and future-ready infrastructure solutions
- Reliable engineering and technical expertise
- Seamless system integration capabilities
- High-quality products and technologies
- Customized and scalable project solutions
- Strong technical support and responsive service
- Long-term partnership value

We do not simply provide systems we create **connected, intelligent environments** that help organizations operate more efficiently, securely, and sustainably.

Contact Us

Mwad AITshyyd(MMTL-TECH)



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Ready to transform your infrastructure? Reach out to our team and let's build smarter environments together.

