



# Corporate Profile

-  +971 2 666 6587
-  [www.metric-tec.com](http://www.metric-tec.com)
-  [info@metric-tec.com](mailto:info@metric-tec.com)





# Metric Technologies

**Systems Integration:  
Security, ELV,  
ICT, AV & Home  
Automation.**

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**At Metric Technologies, we take on the comprehensive approach of integrating leading technologies, top-tier engineering, world class products and impeccable workmanship to deliver our Systems Integration Solutions.**

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In an evolving world, we harness the value proposition created by embracing a philosophy of innovation, partnership, competence and capability. At our most fundamental level, we identify not as a standalone institution, but rather, as part of a larger ecosystem whereby our role is the delivery of Technology, Security, Sustainability and Automation solutions.

We exist to serve the pivotal role of advocating safer, smarter and more sustainable cities.



# Mission Statement



## What We Do

### **Systems Integration: Security, ELV, ICT, AV & Home Automation.**

Metric Technologies is a Systems Integrator Company. Our dedicated purpose is to provide turnkey technology solutions across all institutional, governmental, commercial and residential vectors. Our solutions span Security, Low-Voltage / ELV, Audio Visual, ICT, IoT and Home Automation Solutions.

Our scope of work captures the entire continuum of System Integration Deployments –

This commences with design, runs through procurement, engineering and Installation, and terminates with execution, commissioning, and maintenance.

Headquartered in Abu Dhabi and with a branch office in Dubai, Metric Technologies serves all of the UAE. In special circumstances, Metric conducts certain business operations in the GCC and beyond.

In this regard, Metric Technologies has been recognized as a leading institution that celebrates an extensive track-record of reference projects across Governmental, Hospitality, Educational, Commercial and Residential verticals.



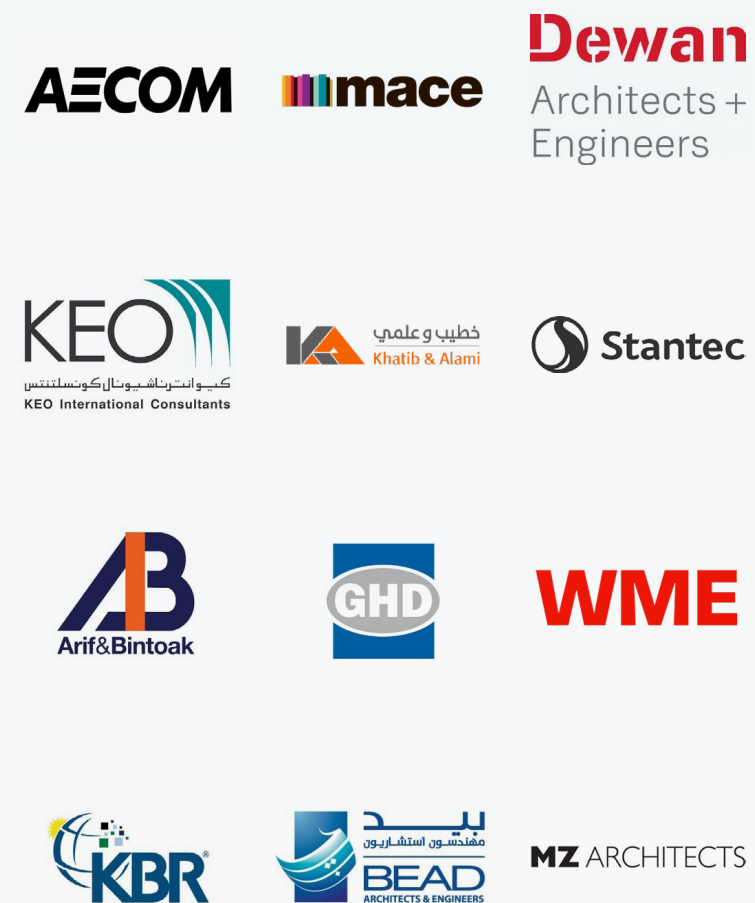


## A Selection of our clients & affiliates

### Clients



### Consultants



### Contractors





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Metric Technologies represents a dynamic range of globally recognized, industry leading brands. Our operational ethos aims to provide our clients with functional access to this product portfolio with the objective of maximizing value to all stakeholders.

Our cornerstone philosophy is to continually develop an ecosystem of products and solutions that represent the leading innovations and optimized value propositions.

## Our Brands





# Our Brands



Bowers & Wilkins



SONANCE





03

# List Of Projects





## List of Projects - Commercial

Type	Project Name	Location	Date	Main Client	Metric Technologies Client	Consultant	Scope
Commercial	Global Gateway Village	Abu Dhabi	July 2020	Global Gateway Properties	Arabian Construction Company (ACC)	B+H Architects / Archcorp / LEAD	CCTV, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, SMATV, BGM, Gate Barriers, Intercom
Commercial	Al Falah Retail	Abu Dhabi	March 2020	ALDAR Properties PJSC	ALDAR Properties PJSC		Security Systems Upgrade
Commercial	Media Zone Development	Abu Dhabi	March 2020	Media Zone Authority / ALDAR Properties PJSC	Arabian Construction Company (ACC) / BILT	AECOM / KBR	CCTV, ANPR, ACS, IP-Intercom, Scanners, X-Ray, HVM Bollards, Speedgates, Active Components
Commercial	Reem Mall - Snow Park	Abu Dhabi	January 2020	Al Farwaniya	Ghantoot Group	WME Consultants / Dewan / MACE	AV & BGM Systems
Commercial	Berklee School of Music / UAE Pavillion	Abu Dhabi	December 2019	Depratement of Culture and Tourism	Depratement of Culture and Tourism	Berklee	Performance Audio Visual Systems, Show Lighting, Computer Labs, Recording Studios, Acoustic Treatments
Commercial	ADCE Commercial Building	Abu Dhabi	December 2019	Abu Dhabi Commercial Engineering (ADCE)	Bildex Contracting Company	Al Ain Consulting Engineers	CCTV, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, SMATV, BGM, Gate Barriers, Intercom
Commercial	Multipurpose Rooms Centro Rotana	Dubai	November 2019	Rotana	Rotana		AV, Automation, and Multipurpose Room Systems
Commercial	Mafraq Mall	Abu Dhabi	October 2019	Al Tawasoul Properties & Investment	AMANA Contracting & Steel Building Co. WLL	KEO International Consultants	CCTV, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, SMATV, BGM, Gate Barriers, Intercom



## List of Projects - Commercial

Type	Project Name	Location	Date	Main Client	Metric Technologies Client	Consultant	Scope
Commercial	ADCE / Mrs. Rawdah Mubarak Fadhel	Abu Dhabi	July 2019	Abu Dhabi Commercial Engineering (ADCE) / Mrs. Rawdah Mubarak Fadhel	Arabel	Dewan Architects & Engineers	CCTV, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, SMATV, BGM, Gate Barriers, Intercom
Commercial	Digital Screen Data Management	Abu Dhabi	July 2019	ALDAR Properties PJSC	ALDAR Properties PJSC		Digital Signage
Commercial	NIBRAS Aerospace Park	Al Ain	April 2019	MUBADALA / Starta / Solvay	AMANA Contracting & Steel Building Co. WLL	AECOM / Obermeyer Middle East	CCTV, ANPR, Access Control Systems, Structured Cabling Systems, ICT, AV, BGM, Gate Barriers, Intercom
Commercial	UAE Pavilion & Berklee	Abu Dhabi	January 2019	Department of Culture & Tourism	Scan Construction	GHD	Performance AV, CCTV, ANPR, ICT, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, Active Components, UPS, BGM, WAP. IPTV
Commercial	Department of Energy	Abu Dhabi	September 2018	Department of Energy	Lindenberg Emirates	Khatib & Alami	Industrial Automation, Energy Management, iBMS, Visualization, CCTV, ANPR, ICT, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, Active Components, UPS, AV, BGM, WAP. IPTV, Radio Systems.
Commercial	Gulf Paradise - Residential & Mixed Use Building	Abu Dhabi	July 2018	Gulf Paradise	iZone Electromechanical Contractors LLC	GA Architects & Engineers	CCTV, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, SMATV, BGM, Gate Barriers, Intercom
Commercial	Novotel (Accor Group) - 4 Star Hotel	Dubai	April 2018	Action Hotels	Universal Voltas	Arif & Bint oak Consulting Architects & Engineers	CCTV, ANPR, ICT, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, GRMS, Active Components, UPS, AV, BGM, WAP. IPTV, Radio Systems.
Commercial	Mens SPA (1847) Phase II	Dubai	February 2018	The Grooming Company	The Grooming Company		AV Systems, Automation





## List of Projects - Commercial

Type	Project Name	Location	Date	Main Client	Metric Technologies Client	Consultant	Scope
Commercial	Digital Signage for ALDAR	Abu Dhabi	October 2017	ALDAR Properties PJSC	Scan Construction	Jacobs	Digital Signage
Commercial	Manarat Al Saadiyat	Abu Dhabi	October 2017	Depratement of Culture and Tourism	Scan Construction	AEDAS Architects / HIDI RAE	CCTV, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, AV, BGM
Commercial	HIDD Al Saadiyat Mosques	Abu Dhabi	March 2017	SDIC / LEAD	MCM Group	BEAD Architects & Engineers	AV, BGM, AZAN Systems
Commercial	Mens SPA (1847)	Dubai	March 2017	The Grooming Company	The Grooming Company		AV Systems, Automation
Commercial	Magna HQ Offices	Abu Dhabi	March 2017	Magna Investment LLC	Shield Contracting Company		ICT Solutions, AV, Conderence Rooms, Automation, ELV, Security
Commercial	Al-Falah Community	Abu Dhabi	January 2017	Al Dar Properties	Scan Construction	Jacobs	Community Wide Wireless Mesh CCTV Systems, Control Rooms
Commercial	ADCE - Darmaki	Abu Dhabi	December 2016	Abu Dhabi Commercial Engineering (ADCE)	Arabel	Khatib & Alami	CCTV, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, SMATV, BGM, Gate Barriers, Intercom
Commercial	Nursery	Dubai	July 2016	Little Stream Nursery	Little Stream Nursery		CCTV, ACS, Intrusion Detection



## List of Projects - Commercial

Type	Project Name	Location	Date	Main Client	Metric Technologies Client	Consultant	Scope
Commercial	Private Office for HHS. Diab Al-Nahyan	Abu Dhabi	March 2016	HHS. Diab Al-Nahyan	INEX Interiors LLC	BEAD Architects & Engineers	ICT Solutions, AV, Conderence Rooms, Automation, ELV, Security
Commercial	Gravity Hotel	Abu Dhabi	March 2016	Gravity Hotels & Resorts Management	Gravity Hotels & Resorts Management	Al Suweidi Engineering Consultant Bureau LLC	CCTV, ANPR, ICT, Access Control Systems, Structured Cabling Systems, Lighting Control Systems, GRMS, Active Components, UPS, AV, BGM, WAP. IPTV, Radio Systems
Commercial	Private Mosque for HHS. Nahyan bin Moubarak	Abu Dhabi	January 2016	HH. Sheikh Nahyan Bin Moubarak Al Nahyan	Dhabi Contracting	BEAD Architects & Engineers	AV, BGM, AZAN
Commercial	Adenium HQ Offices	Dubai	December 2015	Adenium Energy Capital	Adenium Energy Capital		ICT Solutions, AV, Conderence Rooms, Automation, ELV, Security
Commercial	Novus HQ Offices	Dubai	December 2015	Novus Aviation Capital	Novus Aviation Capital		ICT Solutions, AV, Conderence Rooms, Automation, ELV, Security
Commercial	Cure Hospital (Phase I & II)	Abu Dhabi	September 2015	Advanced Cure Diagnostic Center LLC	Advanced Cure Diagnostic Center LLC	Khatib & Alami	CCTV, ACS, Intrusion Detection
Commercial	Reebok Specialty Healthclub	Dubai	May 2015	Functional Crossfit Center LLC	Lindenberg Emirates		AV, IPTV, BGM, Automation





## List of Projects - Residential

Type	Project Name	Location	Date	Main Client	Metric Technologies Client	Consultant	Scope
Residential	Mr. Amer Abdulrahim Abdulla Mohamed Kazim	Dubai	June 2020	Mr. Amer Abdulrahim Abdulla Mohamed Kazim	Mr. Amer Abdulrahim Abdulla Mohamed Kazim	Emirati Consutants	Comprehensive Home Automation Systems inclusive of Lightitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Crown Pince Court	Abu Dhabi	March 2020	Crown Prince Court	Crown Prince Court		Comprehensive Home Automation Systems inclusive of Lightitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Mohd Abu Ghazaleh	Dubai	March 2020	Mr. Mohd Abu Ghazaleh	Plus Palace General Contracting	Chakib Richani / Crown Engineering Consultants	Comprehensive Home Automation Systems inclusive of Lightitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Ahmad Zaabri	Abu Dhabi	November 2019	Mr. Ahmed Al-Zabri	Almed Real Estate Holding Limited	Ian Banham & Associates Consulting Engineers	Comprehensive Home Automation Systems inclusive of Lightitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	H.E. Rasha Al Moubarak (Abu Dhabi)	Abu Dhabi	September 2019	H.E. Rasha Al Moubarak	H.E. Rasha Al Moubarak	MZ Architects	Comprehensive Home Automation & AV Systems inclusive of Lightitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	H.E. Jassem Mohamed Obaid Mohd Al Zaabi	Abu Dhabi	April 2019	H.E. Jassem Mohamed Obaid Mohd Al Zaabi	Walk Through General Contracting LLC	A.D.D.	Comprehensive Home Automation Systems inclusive of Lightitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Khalifa Omeir Yousef Ahmed Almheiry Villa (Abu Dhabi)	Abu Dhabi	March 2019	Mr. Khalifa Omeir Yousef Ahmed Almheiry	Gemaco Interiors	Al Suweidi Engineering Consultants LLC	Comprehensive Home Automation Systems inclusive of Lightitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Khalifa Omeir Yousef Ahmed Almheiry Villa (Dubai)	Dubai	March 2019	Mr. Khalifa Omeir Yousef Ahmed Almheiry	Plus Palace General Contracting	Chakib Richani / Crown Engineering Consultants	Comprehensive Home Automation Systems inclusive of Lightitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.



## List of Projects - Residential

Type	Project Name	Location	Date	Main Client	Metric Technologies Client	Consultant	Scope
Residential	Mr. Nurreddin Sehweil	Abu Dhabi	August 2018	Mr. Nureddin Sehweil	Mr. Nureddin Sehweil		Comprehensive Home Automation Systems inclusive of Lighting, HVAC and Window Treatments Control, Distributed Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	H.E M.A. Al Bowardi	Abu Dhabi	July 2018	Private Office of H.H. Sheikh Mohammad Bin Zayed Al Nahyan	MBZO	BEAD Architects & Engineers / SVK	Comprehensive Home Automation Systems inclusive of Lighting, HVAC and Window Treatments Control, Distributed Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Ghassan Mikati	Abu Dhabi	February 2018	Mr. Ghassan Mikati	Mr. Ghassan Mikati	XBD Collective	Comprehensive Home Automation Systems inclusive of Lighting, HVAC and Window Treatments Control, Distributed Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	H.E. Yousef Al Nowais	Abu Dhabi	October 2017	H.E. Yousef Al Nowais	H.E. Yousef Al Nowais	BEAD Architects & Engineers	Comprehensive Home Automation & AV Systems inclusive of Lighting, HVAC and Window Treatments Control, Distributed Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Saif Al Assam	Abu Dhabi	February 2017	MARSH Holding	Shield Contracting Co. WLL	BEAD Architects & Engineers	Comprehensive Home Automation Systems inclusive of Lighting, HVAC and Window Treatments Control, Distributed Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Bachar Gebran	Abu Dhabi	September 2016	Mr. Bachar Gebran	Mr. Bachar Gebran	A.D.D.	Comprehensive Home Automation & AV Systems inclusive of Lighting, HVAC and Window Treatments Control, Distributed Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Wail Mazin Sadiq	Dubai	March 2016	Mr. Wail Mazin Sadiq	Mr. Wail Mazin Sadiq		Comprehensive Home Automation Systems inclusive of Lighting, HVAC and Window Treatments Control, Distributed Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mrs. Iren Sourial	Dubai	February 2016	Mr. Mokbel Sourial	Mr. Mokbel Sourial		Comprehensive Home Automation & AV Systems inclusive of Lighting, HVAC and Window Treatments Control, Distributed Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.



## List of Projects - Residential

Type	Project Name	Location	Date	Main Client	Metric Technologies Client	Consultant	Scope
Residential	H.E. Rasha Al Moubarak	Dubai	January 2016	H.E. Rasha Al Moubarak	H.E. Rasha Al Moubarak	LW Architects / WME	Comprehensive Home Automation Systems inclusive of Lighitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Anupe Dhorajiwala	Dubai	November 2015	Mr. Anupe Dhorajiwala	Mr. Anupe Dhorajiwala	A.D.D.	Comprehensive Home Automation & AV Systems inclusive of Lighitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	H.E. Usama Mohamed Ali Al Barwani	Dubai	October 2015	H.E. Usama Mohamed Ali Al Barwani	H.E. Usama Mohamed Ali Al Barwani		Comprehensive Home Automation & AV Systems inclusive of Lighitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Muhamed Al Busaidi	Abu Dhabi	August 2014	Mr. Muhamed Al Busaidi	Mr. Muhamed Al Busaidi		Comprehensive Home Automation & AV Systems inclusive of Lighitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	H.E. Jassem Mohamed Obaid Mohd Al Zaabi	Abu Dhabi	July 2014	H.E. Jassem Mohamed Obaid Mohd Al Zaabi	H.E. Jassem Mohamed Obaid Mohd Al Zaabi	ADD Architects	Comprehensive Home Automation & AV Systems inclusive of Lighitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.
Residential	Mr. Mokbel Sourial	Abu Dhabi	March 2014	Mr. Mokbel Sourial	Mission Decoration		Comprehensive Home Automation & AV Systems inclusive of Lighitng, HVAC and Window Treamtnet Control, Distrubuted Audio, Centralized Video & IPTV, Home Theater, Enhanced Security Systems, Intercom and Telecommunication Systems.





04

# Reference Projects

## Commercial





# Media Zone Development

ALDAR PROPERTIES PJSC is constructing the Media Zone Development HQ located on Yas Island, Abu Dhabi. This large-scale project features the highest standards of Security and ICT solutions.

Metric Technologies was awarded the comprehensive scope as it relates to these fields, in our capacity as a Pre-Qualified and leading Systems Integrator. The high-profile nature of this project calls for the adaptation of advanced solutions. The scale and specification level of this project, in addition to the complex integration of different Security and ICT Assets, is a standout feature.





## Scope

- Server Based CCTV Systems
- ANPR Solutions
- Gate Barriers
- Server Based Access Control Systems
- Integrated Intercom Systems
- Data Storage Solutions
- Baggage Scanners
- X-Ray Systems
- Integrated Speedgates
- Hostile Vehicle Mitigation Systems (HVM)
- ICT / Active Components

## Project Details:

**Client:** Media Zone Authority

**Developer:** ALDAR Properties PJSC

**Consultant:** AECOM Middle East Limited

**PMC:** KBR

**Main Contractor:** Arabian Construction Company WLL (ACC)







## Novotel Hotel Healthcare City

Being a major offering of Accor Groups portfolio, the Novotel Hotel in Dubai Healthcare City was completed in August 2019. Metric Technologies was the appointed Systems Integrator responsible for the execution of all ELV, Security, AV, GRMS and ICT Solutions. Adherence to local security and tourism authorities, in addition to compliance with Accor Group's global standards was a very detailed and extensive process.





## Scope

- CCTV
- ANPR
- Access Control
- BGM
- AV
- GRMS
- Lighting Control
- Intercom
- Disabled Toilet systems
- Structured Cabling
- Gate Barriers
- IPTV
- IP-Telephony
- Digital Signage

## Project Details:

**Client:** Action Hotels FZ-LLC

**Developer:** Action Hotels

**Consultant :** Arif & Bint oak Consulting  
Architects and Engineers

**PMC :** Accor Group

**Main Contractor:** Dhafir Development &  
Contracting LLC







## NIBRAS Aerospace Park

Nibras Al Ain Aerospace Park is a joint initiative between Mubadala and Abu Dhabi Airports Company (ADAC) to establish a sustainable aerospace industry in the Emirate of Abu Dhabi, in alignment with the Abu Dhabi Economic Vision 2030. This high-profile project, operated by Strata and Solvay, called for the highest levels of Security, ELV and ICT solutions.

The complex nature of this project was underlined in the specification and integration objectives required. Explosion Proof and ATEX rated martials, Intelligent Patch Panels and Complex ICT configurations were cornerstones of this execution.





## Scope

- CCTV
- ANPR
- Access Control
- BGM
- AV
- Intercom
- Structured Cabling
- Gate Barriers
- IPTV
- IP-Telephony

## Project Details:

**Client:** STRATA-SOLVAY

**Developer:** Mubadala

**Consultants:** Obermeyer Middle East /  
Stantec International Inc.

**PMC:** AECOM Middle East Limited

**Main Contractor:** Amana Contracting & Steel  
Building Company WLL







## UAE Pavilion

The UAE Pavilion located on Saadiyat, Abu Dhabi, is a landmark center that is a key pillar of the Department of Culture and Tourism's portfolio. This center is being operated by the prestigious Berklee School of Music. Metric Technologies was awarded total scope for the execution of ELV, Security and ICT and AV solutions.

The AV component of this project was world-class in specification and complexity, as the requirements were put forth by the Berklee School of Music. In addition to traditional AV systems, Metric Technologies executed a top-tier recording studio and performance space.



## Scope

- AV
- ICT
- CCTV
- ANPR
- BGM
- Structured Cabling

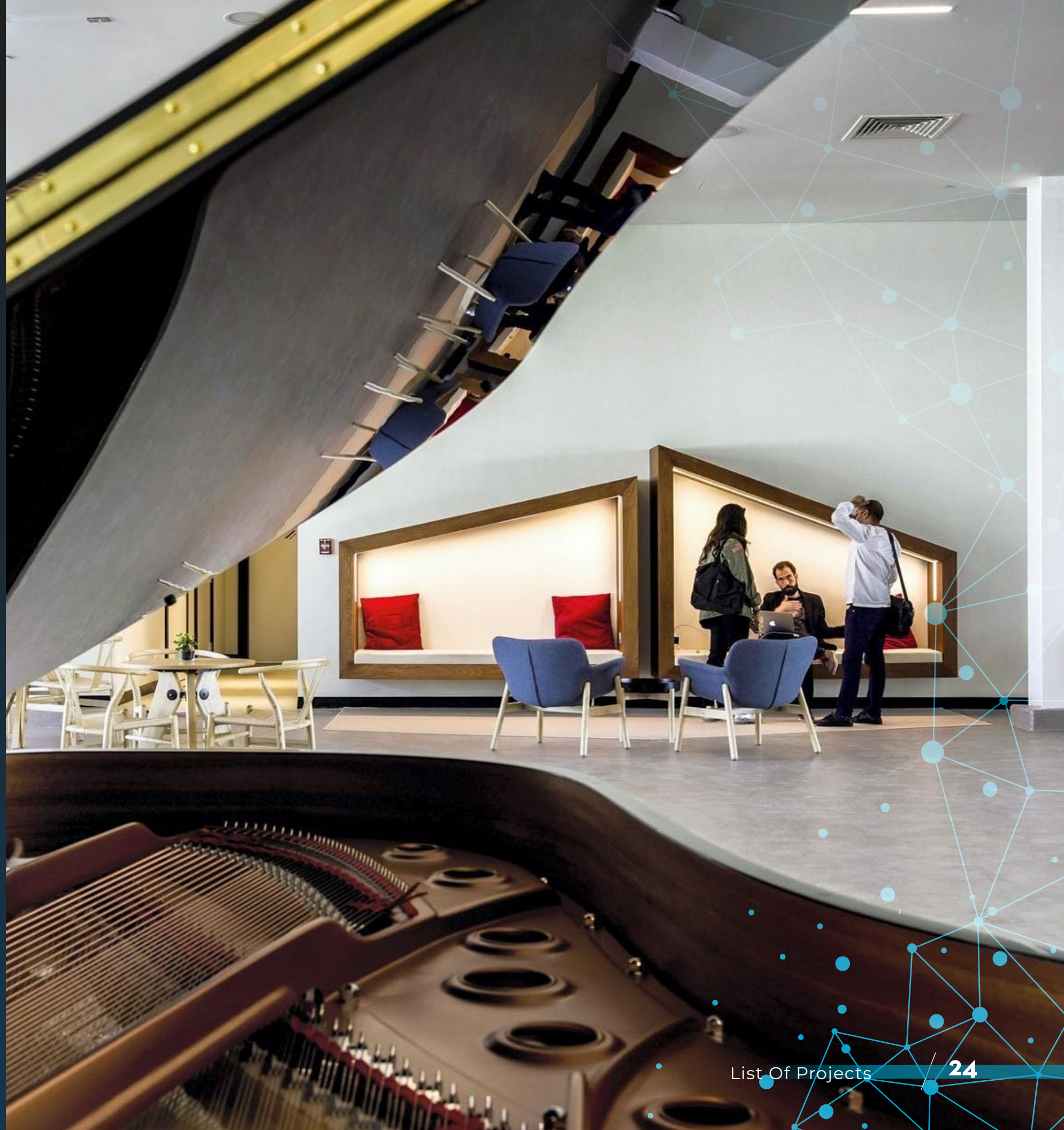
## Project Details:

**Client:** Department of Culture and Tourism (DCT)

**Developer:** Tourism Development & Investment Company (TDIC)

**Consultant:** GHD

**Main Contractor:** Scan Construction







## Al Mafraq Mall

Mafraq Mall is geared to be the center of the community experience in the Mafraq District of Abu Dhabi. This large retail mall is set to feature internationally known brands within the Retail and FNB space. Metric Technologies was appointed to execute all the Security, ELV, AV and ICT solutions for this Mall.





## Scope

- CCTV
- ACS
- ANPR
- BGM
- Structured Cabling
- SMATV
- Digital Signage

## Project Details:

**Client:** Al Tawasoul Properties & Management

**Consultant:** KEO International Consultants

**Main Contractor:** Amana Contracting & Steel Building Company WLL







## Reem Mall / Snow Park

The Snow Park at Reem Mall is set to be the largest artificial snow park in the Middle East and Africa. A key pillar of this development is the Audio-Visual experience



## Scope

- Digital Signage
- IPTV
- Audio Visual
- BGM
- PA

## Project Details:

**Client:** Al Farwaniya Property Developments LLC

**Consultant :** Dewan Architects & Engineers

**Proj. Management Consultant :** MACE

International Limited

**Main Contractor:** Joint Venture Itinera – Ghantoot

**MEP Contractor:** Ghantoot National

Electromechanical Cont. LLC





05

# Reference Projects

**Residential / Home automation**





## H.E. RM Villas

These villa estates located in Dubai & Abu Dhabi cover a collective living space of 80,000 Square Feet. The Villas feature all the technologies within the realm of Home Automation and AV solutions. The concept of these villas follows a Modern Californian Design, with large open spaces and courtyards.

The scale of these projects, in addition to the scopes undertaken, make them some of the largest Home Automation Projects in the GCC. The Dubai Villa also features a state-of-the-art reference level private cinema for an unrivalled viewing experience.





## Scope

- Control Systems
- Audio Visual Systems
- Lighting Control Systems
- Private Cinema
- Distributed Audio / Music
- HVAC Control
- Curtain, Blinds & Drapes Control
- Intercom
- Pool & Spa Control
- CCTV Systems
- Access Control System
- Intrusion Detection Systems
- Irrigation Control Systems

## Project Details:

**Client:** H.E. R. Al Mubarak

**Consultant:** LW Design Group FZ-LLC / WME  
Consultants / MZ Architects

**Main Contractor:** Walk Through General  
Contracting LLC

**Designer:** Chakib Richani / MZ Architects







## G.M. Villa

Located in HIDD Al Saadiyat, Abu Dhabi, this modern villa was designed by the award-winning architecture firm XBD Collective. In addition to an all-encompassing Home Automation / AV System, the standout feature of this project was to use the Home Automation not only for functionality, but to blend in and further enhance the decoration of this residence.





## Scope

- Control Systems
- Audio Visual Systems
- Lighting Control Systems
- Private Cinema
- Distributed Audio / Music
- HVAC Control
- Curtain, Blinds & Drapes Control
- Intercom
- Pool & Spa Control
- CCTV Systems
- Access Control System
- Intrusion Detection Systems
- Irrigation Control Systems
- Energy Management Systems

## Project Details:

**Client:** GM

**Consultant:** XBD Collective

**Main Contractor:** Arabian Construction Company WLL (ACC)







## S.A. Villa

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This Ultra-Modern Villa is located on the prestigious Golf Course on Saadiyat Island, Abu Dhabi. Designed by BEAD Architects, this villa is a masterpiece of modern design. Metric Technologies ensured that the client's objectives were met: 1. Complete functionality with a minimal visual footprint. 2. Simple and intuitive control of all features.





## Scope

- Control Systems
- Audio Visual Systems
- Lighting Control Systems
- Private Cinema
- Distributed Audio / Music
- HVAC Control
- Curtain, Blinds & Drapes Control
- Intercom
- Pool & Spa Control
- CCTV Systems
- Access Control System
- Intrusion Detection Systems
- Irrigation Control Systems
- Energy Management Systems

## Project Details:

**Client:** SA

**Consultant:** Bureau of Excellence in Architecture & Design Architects & Engineers (BEAD)

**Main Contractor:** Shield Contracting Company WLL







## H.H. SDBZ Private Office

Automation and AV systems apply to residences as much as to luxury offices. Metric Technologies delivered these solutions in a Private Office setting. The objectives were to produce all the benefits of Automation, in addition to the utilization of leading technologies to enhance workspace productivity and collaboration.





## Scope

- Control Systems
- Audio Visual Systems
- Lighting Control Systems
- Distributed PA Systems
- HVAC Control
- Curtain, Blinds & Drapes Control
- Intercom
- CCTV Systems
- Access Control System
- Intrusion Detection Systems
- Energy Management Systems
- Multipurpose / Conferencing Rooms
- ICT & ELV Solutions

## Project Details:

**Client:** H.H. Sheikh Diab Bin Zayed Al Nahyan

**Consultant:** LEAD Development

**Main Contractor:** INEX Contracting & Interiors LLC







## MAG Villa

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Designed by the award-winning company – Chakib Richani Architects – this villa is located in the Safa Park area of Dubai. The attention to detail in this project is unrivalled in the industry. Each and every aspect of the Home Automation System was designed to enhance lifestyle, promote entertainment and blend into the interior decoration of the home.





## Scope

- Control Systems
- Audio Visual Systems
- Lighting Control Systems
- Private Cinema
- Distributed Audio / Music
- HVAC Control
- Curtain, Blinds & Drapes Control
- Intercom
- Pool & Spa Control
- CCTV Systems
- Access Control System
- Intrusion Detection Systems
- Irrigation Control Systems

## Project Details:

**Client:** Confidential

**Consultant:** Chakib Richani Architects

**Main Contractor:** Plus Palace General Contracting LLC

**Designer:** Chakib Richani







## H.E. JAZ Villa

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Located on the Saadiyat Island of Abu Dhabi, this large residence is an architectural masterpiece. Metric Technologies was boarded onto this project in order to curate a VIP Lifestyle experience through the utilization of Home Automation and AV Solutions. The specification level of this project render it an ultra-high value execution.





## Scope

- Control Systems
- Audio Visual Systems
- Lighting Control Systems
- Private Cinema
- Distributed Audio / Music
- HVAC Control
- Curtain, Blinds & Drapes Control
- Intercom
- Pool & Spa Control
- CCTV Systems
- Access Control System
- Intrusion Detection Systems
- Irrigation Control Systems

## Project Details:

**Client:** Confidential

**Consultant:** Architectural Designing & Decoration Consultants (A.D.D.)

**Main Contractor:** Walk Through General Contracting LLC

**Designer:** XBD Collective







## H.E. MAB Villa

Reserved for VIP persons, the Villa Estates on the Najmat Al Reem Island in Abu Dhabi are known for the stature. Metric Technologies executed their high-end Home Automation Solutions over an living area exceeding 60,000 square feet. The Villa also features a state-of- the-art reference level private cinema for an unrivalled viewing experience.





## Scope

- Control Systems
- Audio Visual Systems
- Lighting Control Systems
- Private Cinema
- Distributed Audio / Music
- HVAC Control
- Curtain, Blinds & Drapes Control
- Intercom
- Pool & Spa Control
- CCTV Systems
- Access Control System
- Intrusion Detection Systems
- Irrigation Control Systems

## Project Details:

**Client:** Crown Price Court / H.H. Mohammad Bin Zayed Private Office

**Consultant:** Bureau of Excellence in Architecture & Design Architects & Engineers (BEAD)

**Main Contractor:** Teejan Contracting / Modular

**Designer:** SVK Architects







## K.B.B.O. Villa

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Located on the Palm Jumeirah, this bespoke Villa is typical of the luxury residences that Metric Technologies provide solutions for. A comprehensive control system paired with a performance level Audio-Visual System all contribute to the lifestyle KPIs we cater to.





## Scope

- Control Systems
- Audio Visual Systems
- Lighting Control Systems
- Private Cinema
- Distributed Audio / Music
- HVAC Control
- Curtain, Blinds & Drapes Control
- Intercom
- Pool & Spa Control
- CCTV Systems
- Access Control System
- Intrusion Detection Systems
- Irrigation Control Systems

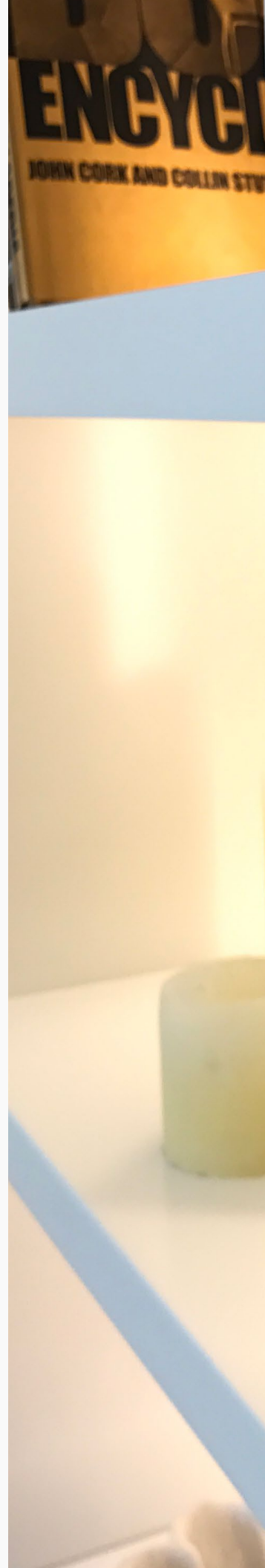
## Project Details:

**Client:** Confidential

**Consultant:** Chakib Richani Architects

**Main Contractor:** Plus Palace General Contracting LLC

**Designer:** Chakib Richani







## Crown Prince Court

The project features a Reference-level Home Cinema System. This theatre integrates all the Audio-Visual parameters required to mimic a true cinema experience. These include Dolby Atmos, 3D sound, True 4k, Laser Projection, Acoustic Treatments, DSPs, Full Range Speakers, and more.





## Scope

- Control Systems
- Audio Visual Systems
- Lighting Control Systems
- DCI Private Cinema
- Distributed Audio / Music
- HVAC Control
- Curtain, Blinds & Drapes Control

## Project Details:

**Client:** Confidential

**Consultant:** CPC

**Designer:** Metric Technologies LLC







06

# Commercial Solutions





## Security

We provide highly sophisticated electronic and physical security solutions, in-line with the latest global technologies and industry standards. Metric Technologies is certified and approved by all the competent regulatory authorities in the UAE, such as the AD-MCC, SIRA, MOI and GHQ.

- CCTV
- Video Walls / Control Rooms
- Access Control
- VMS
- Gate Barriers
- Security Servers & Storage Farm Solutions
- Analytics
- PSIM
- Intrusion Detection
- X-Ray Scanners & Metal Detectors
- Turnstiles & Speed-gates
- Hostile Vehicle Mitigation (HVM)
- Security Networking





## ELV

We are specialists in the provision and integration of all Low-Current / Low-Voltage Solutions. Our ability to take on all scopes within this domain as a single source provider offers our clients a streamlined approach to commercial and technical benefits.



- Structured Cabling
- Lighting Control
- GRMS
- Intercom
- SMATV / IPTV
- UPS Solutions
- Radio Solutions
- Parking Management Systems
- People Counting Systems
- BMS
- Nurse Call Systems
- Master-Clock Systems
- Ticketing Systems





## AV

Within the complex realm of the Audio-Visual domain, Metric Technologies is at the forefront of offering functional solutions for complex requirements. Our in-house ability to integrate multiple systems and technologies into single platform solutions is a key to our success.

- BGM
- Distributed Audio
- Video Walls
- Performance Level AV
- Conference / Multipurpose Room solutions
- Digital Signage
- Show Lighting
- AV Automation & Control
- Cinema & Theater Solutions
- Acoustic Treatments





## ICT

As the backbone of all solutions we offer, Metric Technologies considers ICT to be a core competency of our offering. Technically certified with all industry benchmark certifications, our team continuously provides top tier ICT services to leading institutions.

- Fiber and Copper Infrastructure
- Telecommunication
- IP Solutions
- Data Centers
- Server & Storage Farms
- Network Solutions
- Wired and Wireless Networks
- CMS Solutions





## Smart Cities

Metric Technologies harnesses the value of the collective integration of technologies by applying its know-how to large scale developments, communities and cities. By applying a multitude of innovative tech, and cross-communicating different individual assets, we create intelligent ecosystems that are safer, smarter and more sustainable.

- Intelligent Home Systems (iHEMS)
- Intelligent Transport Solutions
- Intelligent Landscaping Solutions
- Command Centers
- System Automation
- IoT
- Energy Management
- Smart Grids
- Managed Services
- Intelligent Maintenance Solutions
- Property Technology





# Residential Solutions / Home Automation





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Home Automation goes beyond technology. It is an all-encompassing lifestyle solution that aims to enhance the residences value proposition by way of increased control, security, entertainment, quality of life, aesthetics, sustainability and more. A successful installation makes the technology work for the homeowner. A proper design ensures that the benefits of technology are delivered without the complexity of it. The result is a streamlined solution that is minimalistic in nature, functional in essence and appealing decoratively.

Our Residential division is recognized in the UAE and the GCC as the leading Home Automation Solutions Provider. Catering to the higher-end segment of the market, Metric Technologies has established its reputation for ultra-luxury smart home installations, with some of the most bespoke and luxury projects forming the backbone of our track record.





## Control Systems

All systems within a residence are linked into a single control platform. This platform allows the users to view, manage and control each and every system locally or remotely. The platform is an application that can be accessed from Mobile Phones, Tablets, Touchscreens, TVs and Wall-Keypads. The application features a user-experience that is simple and intuitive.





## Lighting Control

Lighting is a cornerstone feature of any residence. It serves functional and decorative objectives. Having the ability to control the ambience is a critical part of any home automation system. Through the application, the user can set collective lighting moods & programmed scenes, control individual lighting circuits, setup motion-based lighting, manage dimming profiles, and much more.







## AV

Audio-Visual Systems form a key pillar of home entertainment. In multi room villas, our solutions aim to centralize TV systems. What this means is that all set-top boxes – such as elife boxes, Apple TV Players, Media Players, etc. – are all placed within a central closet. All TVs are linked to this closet, allowing the homeowners to access any of these video sources on any TV, at any time. This is done through the control application, or through a single universal remote. This is similar to the entertainment platforms of higher end hotels and airlines. While this has key functional advantages in terms of streamlining the entertainment experience, it also provides decorative advantages by removing devices and remote clutters from the rooms, allowing decorators to install clean, flat panel TVs with no apparent wiring.





## Wiring Accessories

Automation caters to decoration just as much as it caters to functionality. The ability to select keypads and power / telecom sockets in a wide range of high-quality materials and finishes is critical in the execution of a modern day home. The added value of this is two-fold: First, the keypads offer a traditional way of controlling systems such as lighting within the space, that run in parallel with the control application. Second, the ability to program these traditional keypads to control multiple systems such as HVAC, Lighting, Music, and Window Treatments allow for decorators to minimize numerous accessories on the walls, cleaning up the spaces and reducing what is referred to as “Wall Acne”.







## Music

Music and entertainment are synonymous. We offer a wide range of audio systems that cater to a Hi-Fidelity, whole-home music experience. Our selection of products address performance as well as aesthetics. From “invisible” ceiling speakers to designer speakers, our range is extensive. Through the application, the homeowners can select any music selection, and play it any zone, at any time, individually or collectively. Our music range covers everything from back-ground music to high-performance, entertainment grade music.





## HVAC Control

The capability of managing HVAC / Climate Systems from a centralized application platform is perhaps the most functional aspect of a home automation system. The application allows the users to control AC systems individually or collectively, locally and remotely. Pre- Programmed Scenes can maintain a uniform, comfortable temperature though the residence, if the user requires.







## Curtain, Blind and Drape Control

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Centralized control of all Window Treatments provides the homeowners with a level of unmatched convenience. From the application, all shades, blinds and drapes can be controlled individually or collectively. They can also follow scenes that allow them to operate based on time of day.





## Security Systems

Security as an essential component of any home. Our solutions offer a large portfolio of security assets such as Cameras / CCTV, Access Control, Intrusion Detection and more. Our security designs follow industry standards for best practices that render a safer home. As with all systems, the Security Systems can be managed and viewed from the application.





## Private Cinemas

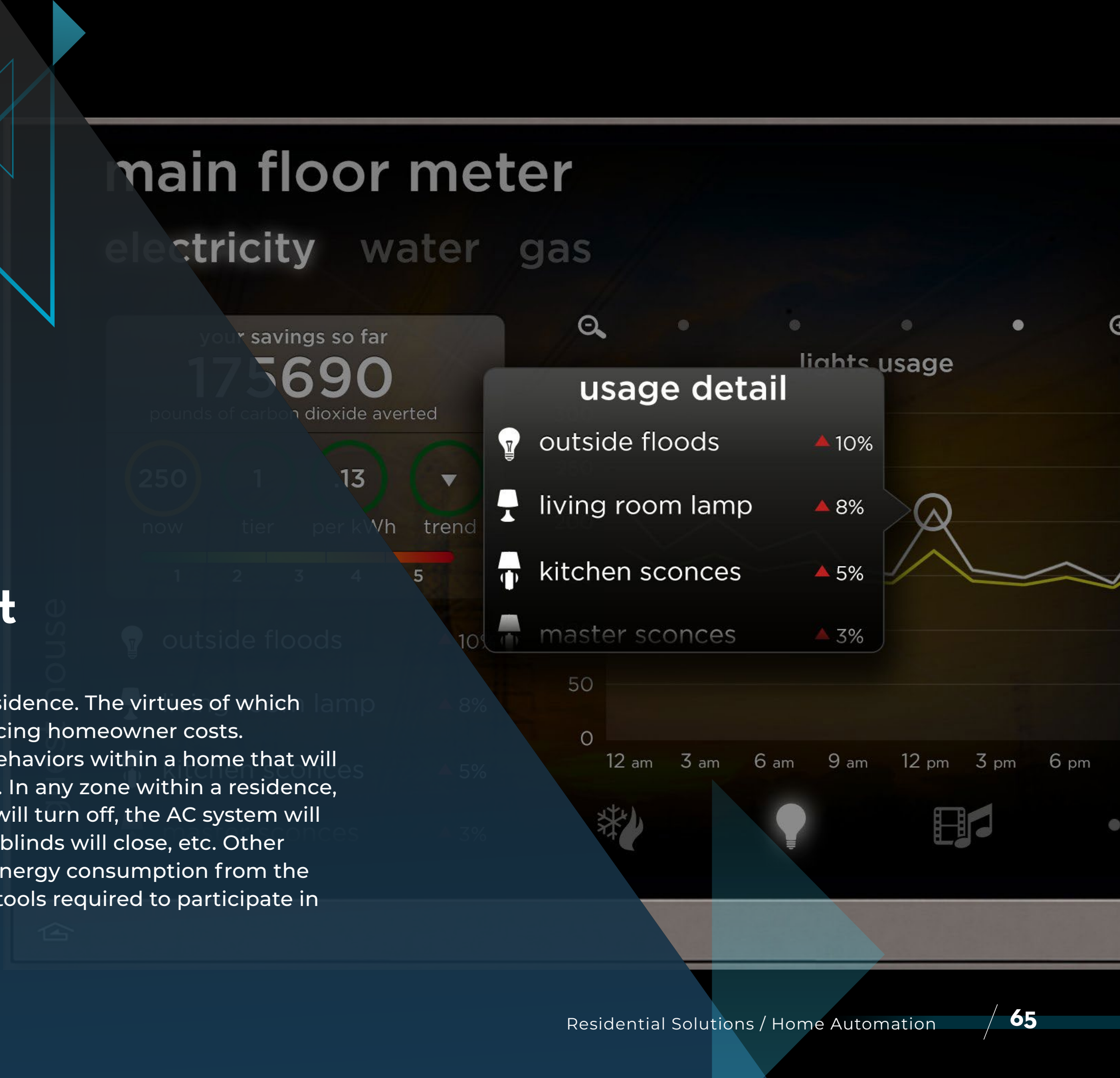
For the ultimate entertainment experience, we provide reference-level home theater installations that will mimic the immersive experience of being in a cinema. From 8k Projection, DCI Technologies, 3D Sound, Atmos Technologies, Acoustical Treatments and Audio Assets, our certified AV engineers ensure the production of cinema-tier designs and installations.





## Energy Management

Sustainability is a must in any modern residence. The virtues of which help the environment in addition to reducing homeowner costs. Integrated systems allow for automatic behaviors within a home that will significantly reduce energy consumption. In any zone within a residence, if no occupancy is detected, the lighting will turn off, the AC system will go into preservation mode, the curtains / blinds will close, etc. Other systems that help monitor and manage energy consumption from the application will give the homeowner the tools required to participate in sustainable behavior.







## IT

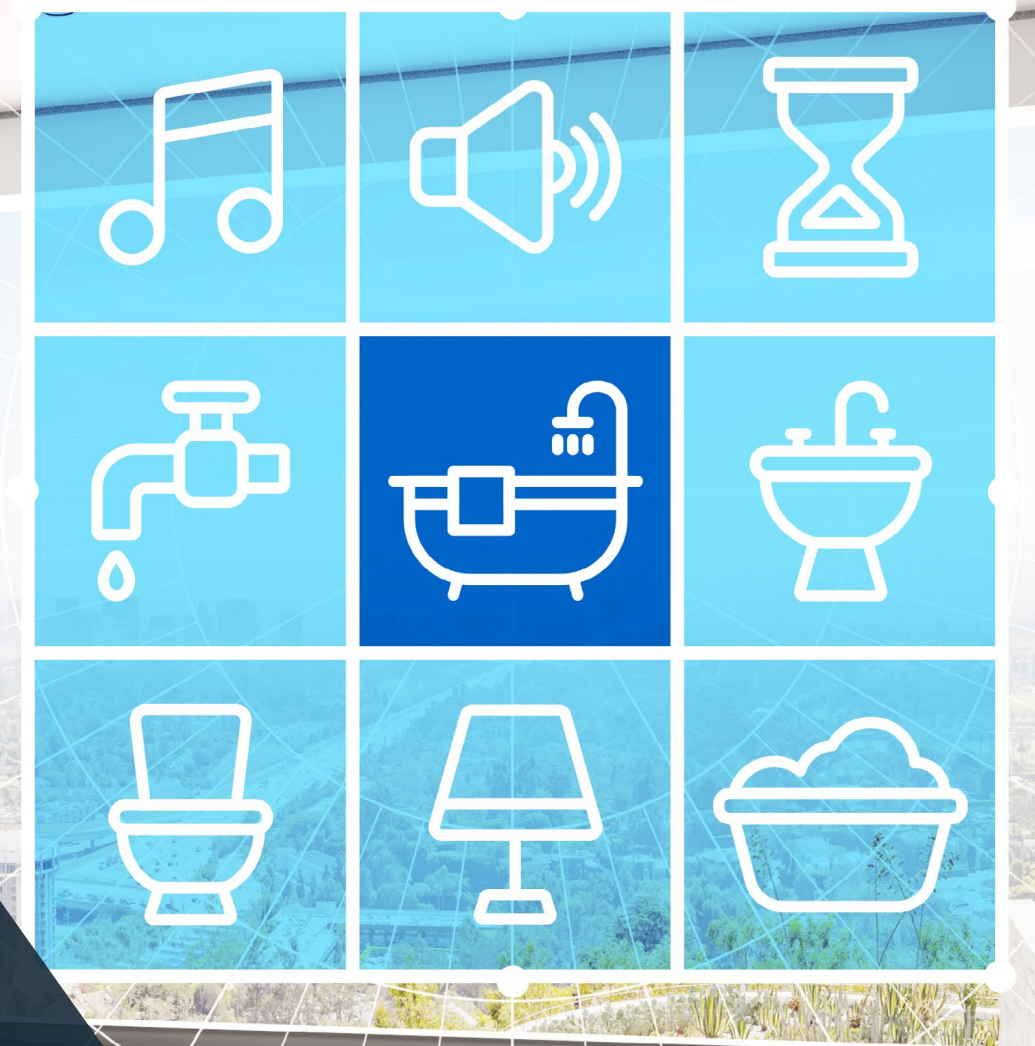
We provide all Information Technology solutions that further enhance the residences we work with. Verticals such as Enterprise Grade Wi-Fi, Intercom Solutions, IP Telephones, Telecommunication, Media Servers and more all form a part of our expertise.





## Miscellaneous

Home Automation is only limited by imagination. Using the same control applications and technologies, our experts can offer homeowners control of virtually any electrical system, such as Leak Detection, Irrigation, Heaters & Exhausts, Pool & Spa Control.







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# Company Highlights





## Company Highlights



**ISO 9001: 2015 Certified**  
QUALITY MANAGEMENT SYSTEM



مركز المتابعة والتحكم  
MONITORING & CONTROL CENTRE

**Abu Dhabi Monitoring & Control Center (ADMCC)**

Certified Integrator MCC/  
SAS/00067



**ISO 14001: 2015 Certified**  
ENVIRONMENTAL MANAGEMENT SYSTEM



**Security Industry Regulatory Agency Certified**

Certificate No: SSP20200427 4959



**ISO 45001: 2018 Certified**  
OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM



**Telecommunications Regulatory Authority**

Certificate Number: DA0117816/13



**In-Country Value Version 3 Certified (Service Provider)**



القيادة العامة لشرطة أبوظبي  
Abu Dhabi Police GHQ.

**"Approved"**





Systems Integration: Security, ELV, ICT, AV  
& Home Automation.



[www.metric-tec.com](http://www.metric-tec.com)



[info@metric-tec.com](mailto:info@metric-tec.com)