



إعماركو EMAARCO

الرؤية الرقمية في الهندسة المستدامة
Digital Vision in sustainable engineering

www.emaarco.co



OUR STORY

- > Emaarco, founded by partners with experience in **engineering projects** in the **Gulf region**, offering a range of professional and **high-quality** services. Our main expertise includes (Engineering Design, Project Management, Smart Solutions, and Brand Management).
- > With our team of **skilled** engineers and technicians, we ensure that all projects are completed to the highest **professional** standards. We utilize innovative methods in design, implementation, and **project management** across various sectors, including Commercial, Residential, and Entertainment.
- > As a company, we strive to be a **leader** in the local and regional **market**. We achieve this by providing **integrated** engineering solutions and executing **mega projects** that contribute to the **growth** of local and regional **economy**.

OUR STRATEGY

▶ VISION

To be the **first** Leading Company in the fields of investments, **designing**, and **implementation** of engineering **projects** locally and regionally within our **vision** 2030.

▶ MISSION

We **specialize** in Engineering Projects Development, offering design, **construction**, and consulting services. With a highly **skilled** team of engineers and technical workers.

▶ VALUES

Efficiency: striving for the highest quality standards.

Competition: excellence in the workforce.

Credibility: commitment to clearly measure results.

CHAIR BOARD SPEECH >

“ We “TRUTHFULLY” aspire to align the future with secure steps and planned strategy; through diverse investments and supporting the sources of income for the national economy ”



OUR LEADERSHIP





Engr . Yasin Nokta

Chief Executive Officer
Co-Founder | Civil Engineer

Self Introduction:

- > Over ten years in project management and engineering consultancy in Lebanon, Saudi Arabia, and Syria.
- > Highly experienced and skilled professional in company management.

Work Experience:

- > Executive experience in project management (Structure Projects - Interior & exterior decoration - Key-Handover)
- > Experience in managing real estate development.
- > Experience in preparing engineering studies and detailed drawings in compliance with the Saudi code SBC.

Achievements:

Most Highlights include

- > Undertaking projects for Al Hokair Group, Riyadh.
- > Developing (residential compounds , villas , schools) for Al Fayeziyah , Riyadh.
- > Successfully executing commercial and entertainment projects for Lamsa Development Company, Riyadh.
- > Acting as a subcontractor for STC, Riyadh.
- > Creating designs for Hamat Holding Group, Riyadh.
- > Overseeing design and supervision for Rakin Saudi Arabia Company, Riyadh.
- > Site Engineer for Healthy hospital , Riyadh .



Engr . Abdul Rahman Tabbaa

Head Projects Manager
Co-Founder | Civil Engineer

Self Introduction:

- > Over eight years of experience in leading engineering projects and managing their implementation in the Gulf region and Syria.
- > Member of the American Association of Occupational Health and Safety Professionals (IASP).
- > Member of the American Project Management Institute (PMI).
- > Member of the Saudi Council of Engineers (SCE).

Work Experience:

- > Experience in managing the integration of project operations between the contractor and the consultant in projects.
- > Executive experience in project management (Mechanical - Electrical & Smart and Security Solutions for projects).
- > Experience in preparing engineering studies and detailed drawings in compliance with the Saudi Code SBC.

Achievements:

Most Highlights include

- > Management and execution of security and smart systems in 911 projects located in Riyadh, Dammam, and Madinah.
- > Execution of smart systems for Hyatt Regency Hotel project in Al Khobar.
- > Supervision of laboratory execution for Aramco following international standards, in Dhahran.
- > Supervision of security system execution for the SAR train stations project in Riyadh, Qassim, Majmaah, Hail, and Al Qurayyat.
- > Execution of several brands for Al Hokair Group in Riyadh, Dammam, and Jeddah.
- > Monitoring the execution of Vox cinema in Riyadh for Al Futtaim company.



THE TRUST WE GAIN



Our Experience

10



Our Clients

46



Our Projects

228

OUR SERVICES



ENGINEERING DESIGN



PROJECT MANAGEMENT

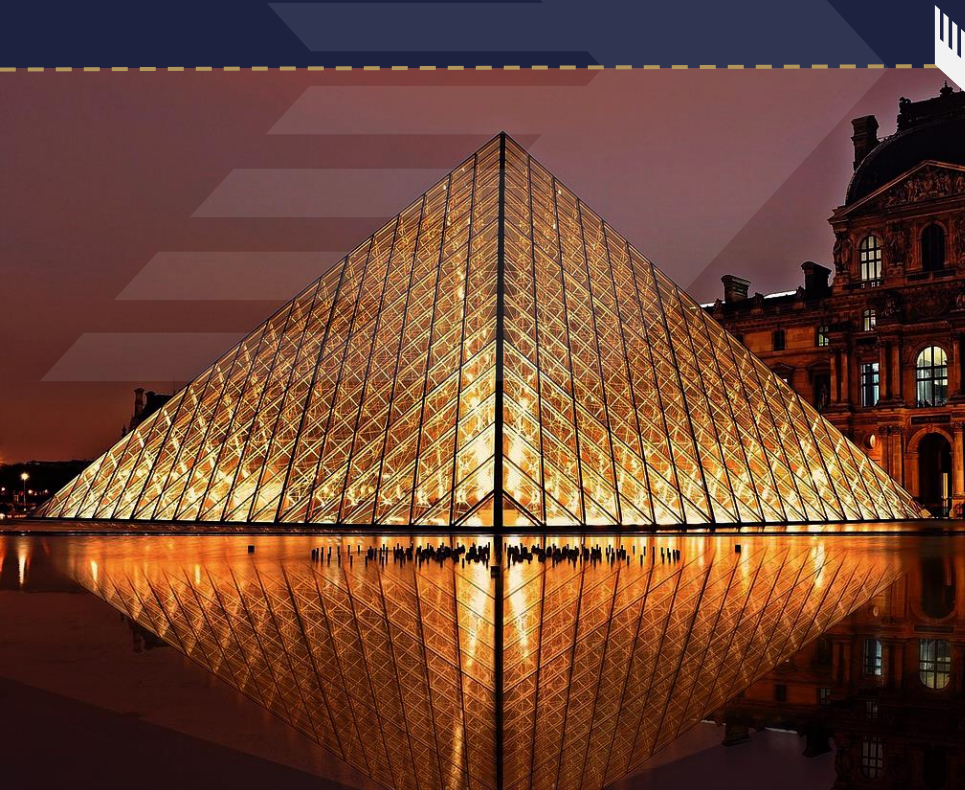


SMART SOLUTIONS



BRAND MANAGEMENT

ENGINEERING DESIGN



- > Our **TEAM** of engineers possesses extensive experience in **international design codes** and **construction systems**, ensuring that our projects meet the highest **quality** and **safety** standards.
- > We are committed to **handover projects** to our clients accurately and **on time**. To achieve this, we study and prepare all **integrated** design layouts, including architectural, structural, MEP (Mechanical, Electrical, Plumbing), shop drawings, 3D modeling, and landscaping.



- > **Architectural Design Services**, We begin by understanding our clients vision and goals. Our team analysis of the site, considering factors such as location, climate, and client requirements. The we excel in innovative concept design that truly differentiate us from our competitors, allowing us to stand out in the market.
- > **Interior Design Services**, We begin by conducting a detailed analysis of the space, understanding it's purpose. Then, our team develops mood boards, presenting various design concepts, color palettes, and furniture options.
- > Once the design is **finalized**, we develop detailed construction drawings and specifications by utilizing the latest design software and techniques to develop **detailed architectural plans** that showcase creativity and functionality.

Architectural Design



Structural Design

- > **Structural Systems Design** services, includes analysis and design of :
 1. Steel structure design.
 2. Seismic analysis and design.
 3. Reinforced concrete structures.
 4. Retrofitting and strengthening of existing structures.
- > Our **engineers** stay up-to-date with the latest advancements in software and technology to deliver the best possible solutions that **support** concept design.
- > Our **team** is committed to deliver designs that prioritize safety, **efficiency**, and economy.



> Mechanical Systems Design services, including :

1. VRF – VRV System.
2. Fire Fighting System.
3. Sewage system design.
4. Irrigation system design.
5. Pump selection and design.
6. Water supply network design.
7. Compressed air systems design.
8. HVAC system design (Heating, Ventilation, and Air Conditioning).

> Our **engineers** stay updated with the latest industry standards and technologies to deliver efficient and **sustainable** designs.

> Our **team** commit to delivering designs that prioritize efficiency, sustainability, and client **comfort**.

Mechanical Design



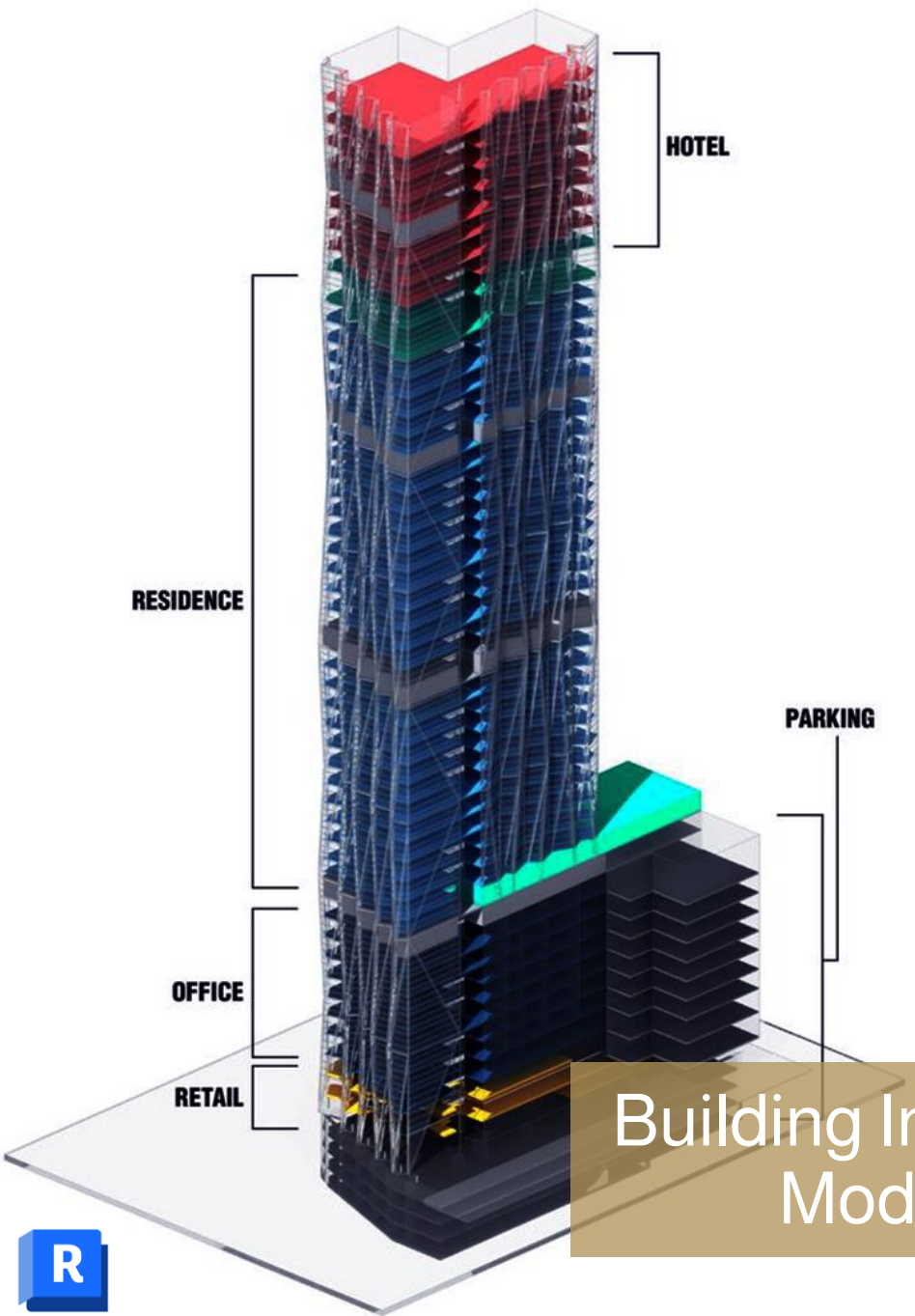
> Electrical Systems Design services, including :

1. Power system design.
2. Electrical panel design.
3. Solar power system design.
4. Low current system (Fire Alarm , CCTV ,).
5. Electrical load analysis (Lighting circuits , Switches , Sockets).

> Our engineers are skilled in developing electrical layout plans and designing both low-voltage and high-voltage systems for buildings.

> Our team develop detailed electrical layout plans, considering factors such as load distribution, safety regulations, and energy efficiency.

Electrical Design



Building Information Modeling

- > BIM involves the **integrated** study and utilization of digital models in all engineering disciplines to achieve high-level technical **management**.
- > Our **team** Workflow :
 1. Project setup : **define** project settings, units, and templates for consistent modeling.
 2. Model creation : utilize **Revit's** tools to develop detailed 3D models, incorporating all engineering disciplines.
 3. Coordination and clash detection : use **Revit's** clash detection features to identify and resolve clashes between design elements.
 4. Documentation : **generate** construction drawings, schedules, and reports directly from the BIM **model**.
 5. Visualization : utilize Revit's visualization tools to create **realistic** renderings and walkthroughs for better project **visualization**.



INTEGRATED ENGINEERING DESIGN

- > Our **team** collaborates closely, combining expertise in architect , civil, mechanical, electrical, and other engineering **fields** to ensure seamless **full packaged** design into the overall project.
- > **Benefits** of Integrated Engineering Design :
 1. Saving cost and time.
 2. Improving project outcomes.
 3. Coordination between different systems and reducing conflicts.

PROJECT MANAGEMENT



- > At **EMAARCO** , we believe in the principles of modern engineering **management**, which are centered around a commitment to **quality** specifications, engineering **standards**, and resource management. Our aim is to deliver projects according to well-planned **schedules** and **plans**.
- > By **offering** these services, we aim to provide our clients with a complete **solution** for their engineering projects. We are committed to delivering **high-quality** outcomes that meet our clients' objectives and exceed their **expectations**.



Project
Scheduling



Engineering
Consultancy



Engineering
Supervision



Construction
Management



Smart Systems



SMART
SOLUTIONS



Security Systems

Smart Home System (HAS)



- > We offer solutions that allow homes to control various home appliances by connecting them to the internet and controlling them through mobile phone apps.
- > Most **benefits** of using (HAS) :
 1. Control your home lights, appliances, and more from anywhere with your phone.
 2. Increase the resale value of your property by making it more attractive to potential buyers.
 3. Smart thermostats can learn your habits and adjust the temperature accordingly, saving you energy and money on your bills.



Smart TV System (IPTV)

- > We offer solutions that allow different establishments to convert their regular TV system to a smart system by connecting encrypted channels and stations to a device on the WIFI network .
- > Most **benefits** of using (IPTV) :
 1. High-quality video: IPTV streams can be in HD or even 4K quality.
 2. Mobility: you can watch IPTV on any device that has internet connection.
 3. Provide a wide variety of channels including international, sports, and movie channels.



Uninterruptible Power System (UPS)

- > We offer backup power systems that keep your critical equipment running even when the power goes out. This is important for businesses that need to keep their data safe and their operations running smoothly, such as data centers, banks, factories, and hospitals.
- > Most **benefits** of using (UPS) :
 1. Protect your data from corruption caused by power outages.
 2. Protect your critical equipment from damage caused by power outages.
 3. Keeping your operations running smoothly even when the power goes out.



Renewable Power System (RPS)

- > We offer solutions for hybrid energy systems that are an alternative to traditional energy sources and are characterized by being efficient, sustainable and environmentally friendly.
- > Most **benefits** of using (RPS) :
 1. Reduce greenhouse gas emissions, which helps to fight climate change.
 2. Reduce our reliance on fossil fuels, which helps to protect the environment.
 3. Reduce energy costs by generating electricity from free or low-cost sources.





Lighting Control System (LCS)

- > We offer solutions that let you control lighting in hotels, malls, and residential buildings. This help you save energy and improve the look of your space.
- > Most **benefits** of using (LCS) :
 1. Improve safety by automatically turning on lights in dark areas.
 2. Saving energy by automatically turning lights off when they are not in use.
 3. Creating a more comfortable environment by adjusting the brightness of lights to your needs.



Guest Room Management System (GRMS)

- > We offer solutions that help hotels easily manage and control their guest rooms. These solutions can help save energy by up to 30% per room per year.
- > Most **benefits** of using (GRMS) :
 1. Create a more comfortable environment for guests by full controlling monitor.
 2. Reduced energy consumption by automatically turning on&off devices to saving costs.
 3. Easy management: such as turning lights on & off, adjusting the AC, and locking & unlocking doors.



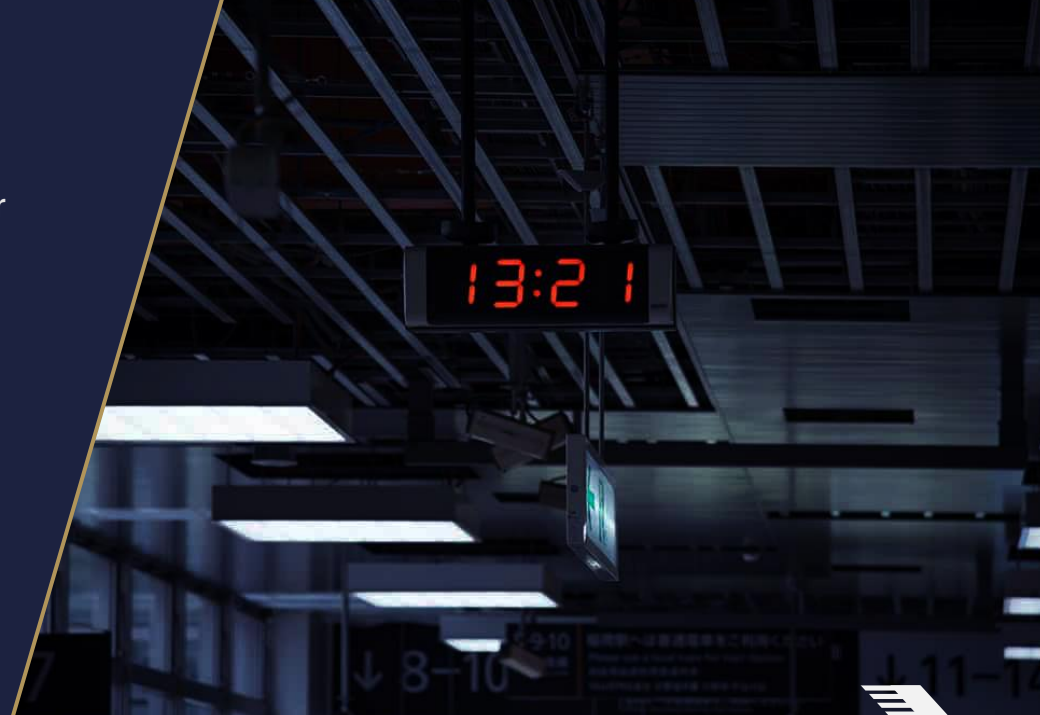
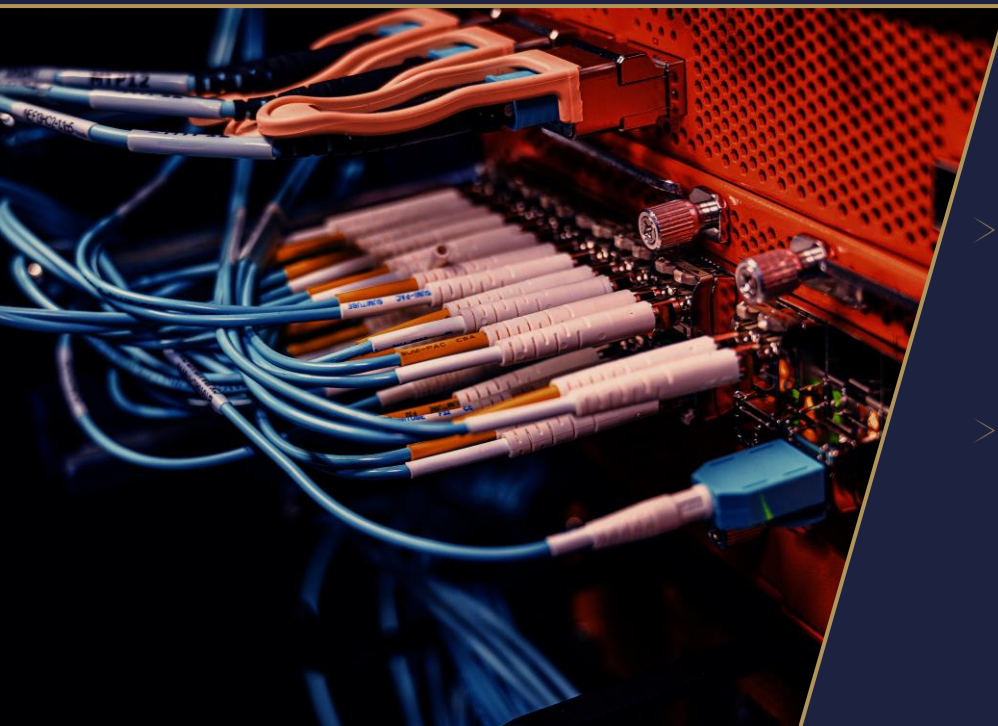
Central Clock System (CCS)

- > We offer innovative systems to keep time synchronized across a building. This is important for businesses and organizations that need to have accurate timekeeping, such as hospitals, banks, and manufacturing facilities.
- > Most **benefits** of using (**CCS**) :
 1. Enhance productivity by tracking employee hours and attendance.
 2. Increase safety by providing accurate timekeeping for security systems.
 3. Ensuring that everyone is on the same time. This can reduce errors and delays.



Network Operating System (NOS)

- > We offer solutions that help businesses connect their computers and devices together so they can share information securely. We do this by providing network operating systems (NOSs) that manage the flow of data across the network.
- > Most **benefits** of using (**NOS**) :
 1. Encryption: encrypt data to protect it from unauthorized access.
 2. Authorization: control what users and devices can do on the network.
 3. Authentication: verify the identity of users and devices before allowing them to access the network.





Fire Protection System (FPS)

- > Fire alarm systems are essential for the safety of people and property in large buildings and towers. These systems use sensors to detect smoke, heat, or flames, and then send an alarm to alert people to evacuate the building.
- > Most **benefits** of using (FPS) :
 1. Enhance the perception of safety and security, making buildings more safe.
 2. Early fire detection and suppression can save lives. Enhanced Property Protection.
 3. Fire alarms alert people and firefighters quickly, giving more time to escape and reduce damage.



Building Management System (BMS)

- > A building management system (BMS) is a control and monitoring system for a building's mechanical and electrical systems, such as HVAC, ventilation, lighting, fire alarm, and security systems.
- > Most **benefits** of using (BMS) :
 1. Improve safety by monitoring fire alarms and other security systems.
 2. Reduce maintenance costs by detecting problems before they cause major failures.
 3. Reduce energy consumption by optimizing the operation of HVAC, lighting, and other systems.



Access control system (ACS)

- > An access control system (ACS) is an advanced system for managing gates and doors to control access to and from a facility in a secure manner, while being integrated with other security systems.
- > Most **benefits** of using (ACS) :
 1. Integrated with alarms, cameras, and other security systems.
 2. Provides users with various access options like key cards, fobs, biometrics, and mobile.
 3. Eliminates the need for manual key management, streamlining access control processes and saving time for personnel.



Public Address System (PAS)

- > A public address system (PAS) is a professional audio system that supports a variety of applications in commercial and service projects. It can be connected with fire protection systems to provide emergency announcements and evacuation instructions.
- > Most **benefits** of using (PAS) :
 1. PA systems overcome noise to deliver vital instructions in emergencies.
 2. PA systems and access control join forces to create a robust security system.
 3. PA systems streamline operations and boost workflow with clear communication.





Parking Management System (PMS)

- > A parking management system (PMS) is a system that monitors and directs parking, based on sensors and advanced cameras for video analysis and automatic license plate export.
- > Most **benefits** of using (PMS) :
 1. Reduce the time it takes to find a parking space.
 2. Reduce traffic congestion by directing vehicles to available parking spaces.
 3. Used to identify the availability of parking spaces and the movement of vehicles.



Close Circuit Television System (CCTV)

- > CCTV systems are one of the most important and secure surveillance solutions that can help protect against theft and ensure the safety of employees and customers.
- > Most **benefits** of using (CCTV) :
 1. Protect employees and customers by providing a visual record of activity.
 2. Deter crime by making it more difficult for criminals to operate without being seen.
 3. A valuable tool for businesses of all sizes. it can help to improve security and safety.



Intercom Systems

- > An intercom system is a secure system for controlling internal and external intercom units that allows control of gates, viewing caller information and conversation.
- > Most **benefits** of using (**INCOM**) :
 1. Records calls and caller information, and enhance security.
 2. Intercom systems can be used to control doors, gates, and other access points.
 3. Intercom systems typically allow for audio communication between two or more units.



Intrusion Detection System (IDS)

- > An intrusion detection system (IDS) is a comprehensive security system that works by using sensors, detectors, and radar sensors to detect intrusions inside and outside of buildings.
- > Most **benefits** of using (**IDS**) :
 1. Deter potential intruders, knowing their actions will be detected and reported.
 2. Early detection allows for quicker response and minimizes potential damages caused by intrusions.
 3. Alerts security personnel of potential threats, enabling them to respond quickly before damage occurs.



BRAND MANAGEMENT



Building Brand Pixel by Pixel



Brand Management Ai



BRAND

Today's **brands** are much more than just a **logo** or visual element. It's the **strategic** process of building a distinct identity for your **business** in the minds of your target audience.

It's about shaping, from your **products** and **services** to your values and mission, it's **key** to building **trust** and loyalty with your **customers**.

EMAARCO build new brand identity for your business and help develop existing your brands to meet today's expectations.

With close collaboration between designers and Engineers we design brands to encompass an active purpose, a full system of visual, verbal, so the brand is impactful.



Predictive Branding Partners

Real Estate Developers



Owners of Companies



Entrepreneurs



Investors



BRAND SERVICES



Visual
Identity



Media
Brands



UI/UX
Design



Professional
Presentation



VISUAL IDENTITY

EMAARCO

First think of the "face" of your brand

Stages of visual identity design :

- > Understand the company goals, target audience, and values.
- > Generate a variety of concepts development for the visual identity.
- > Convert preliminary concepts into tangible prototypes.
- > Apply the final identity to all of the company's platforms.



MEDIA BRANDS

EMAARCO

Build your world of media brand

Media Design Services :

- > Social Media: eye-catching visuals for platforms like Instagram, Facebook, LinkedIn and Twitter.
- > Marketing & Advertising: captivating visuals for campaigns, including banners, ads and commercials .
- > Motion Graphics: explainer videos, GIFs, and animations to bring your stories to life .
- > Video Editing: transforming raw footage into polished videos, reels, and stories .
- > Print Media Design: crafting impactful marketing materials like brochures, profiles flyers and packaging .





UI/UX DESIGN

EMAARCO

Take your business into the digital world

- > UI/UX Services :
- > User research & Analysis: understanding the needs and goals of users.
- > Design : creating the visual and interactive in proportion to the brand, such as the layout, typography, and colors.
- > Prototyping & Testing: creating early versions of a product or service to test and get feedback.
- > Development & Execution : finalizing website, including coding, testing, and deployment.





PROFESSIONAL PRESENTATION

EMAARCO

Brings your business to life with professional
presentation

Presentation Services :

- > Content: expert writers and researchers craft a well-structured, informative presentation tailored to your audience.
- > Slides: skilled designers transform content into visually appealing slides that engage your audience.
- > Refinement: professional designers work with you to refine slides, ensuring brand alignment and effective communication.



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 **OUR**
PROJECTS 

V Tower

This project has been designed to providing a luxurious and comfortable living environment.

The residential project consists of 2- basements for parking 11-floors for apartment with landscape of 2,500 m2 in the downtown of Dammam.



Tower



Villa

Restaurant

Cafe

V Tower

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Tower
↑

Villa

Restaurant

Cafe



Elegant Contemporary Villa

our goal is to create a luxurious & contemporary villa that exceeds your expectations.

With a location in Riyadh, with area land of 600 m2, outdoor garden area with exterior lighting for the fence, adding a touch of luxury and beauty to the villa.

Tower

Villa
↑↑

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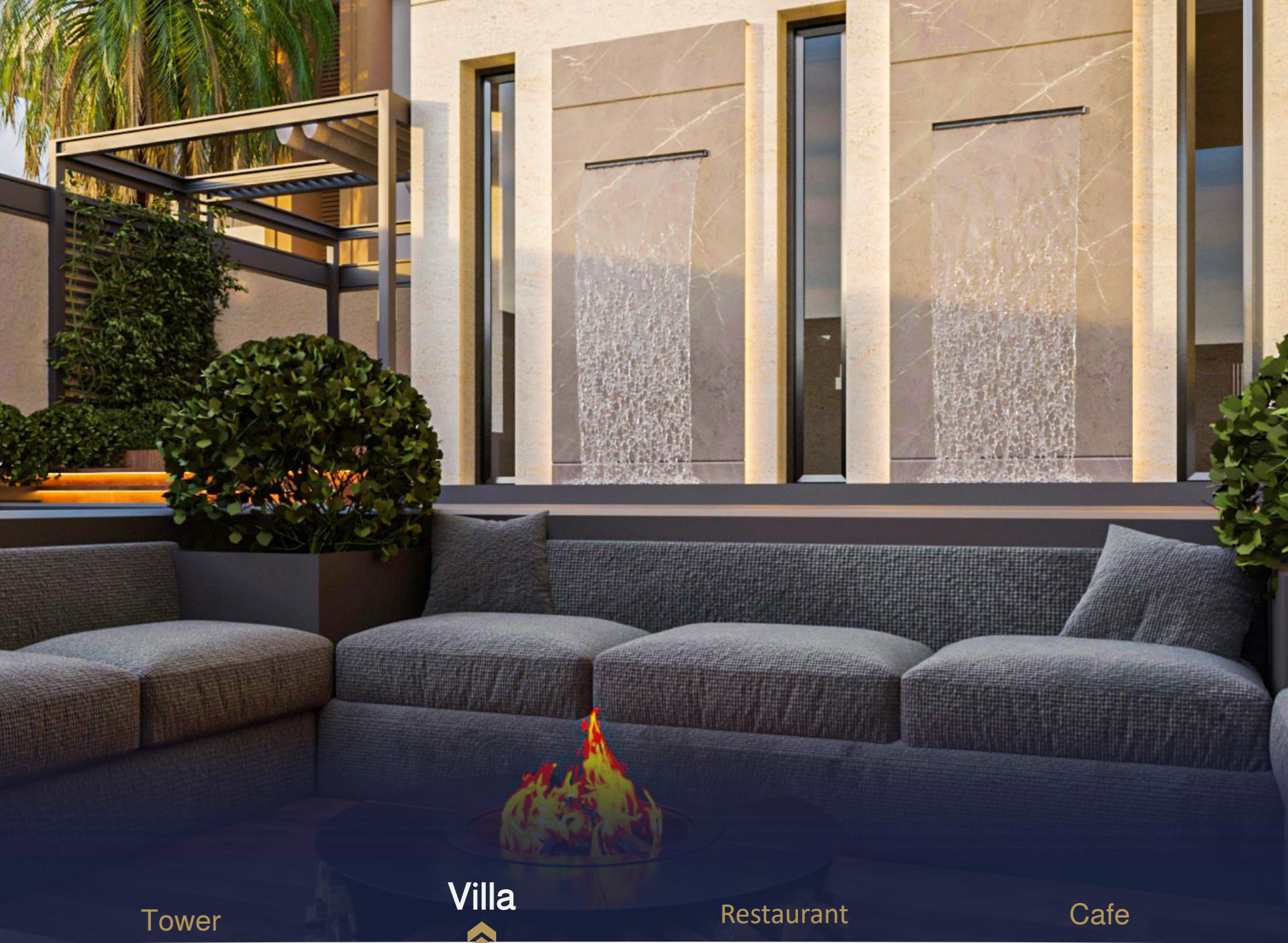
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Adar Restaurant

Our goal was to create a
Luxury modern interior
design that blends of the
Kingdom of Saudi Arabia.

Integrated engineering design :
Turkish-Eastern restaurant
project in Qurtuba , Riyadh
with an area of 750 m2.



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Tower

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Restaurant



Cafe



Taraf Lolwa

Lounge & Café

Our goal was to create a modern interior design inspired by the elegant style of Greek architecture.

Integrated engineering design :
coffee shop project inside
Karam Mall on King Khalid
street in Al-Majmaah city, with
area of 280 m2.

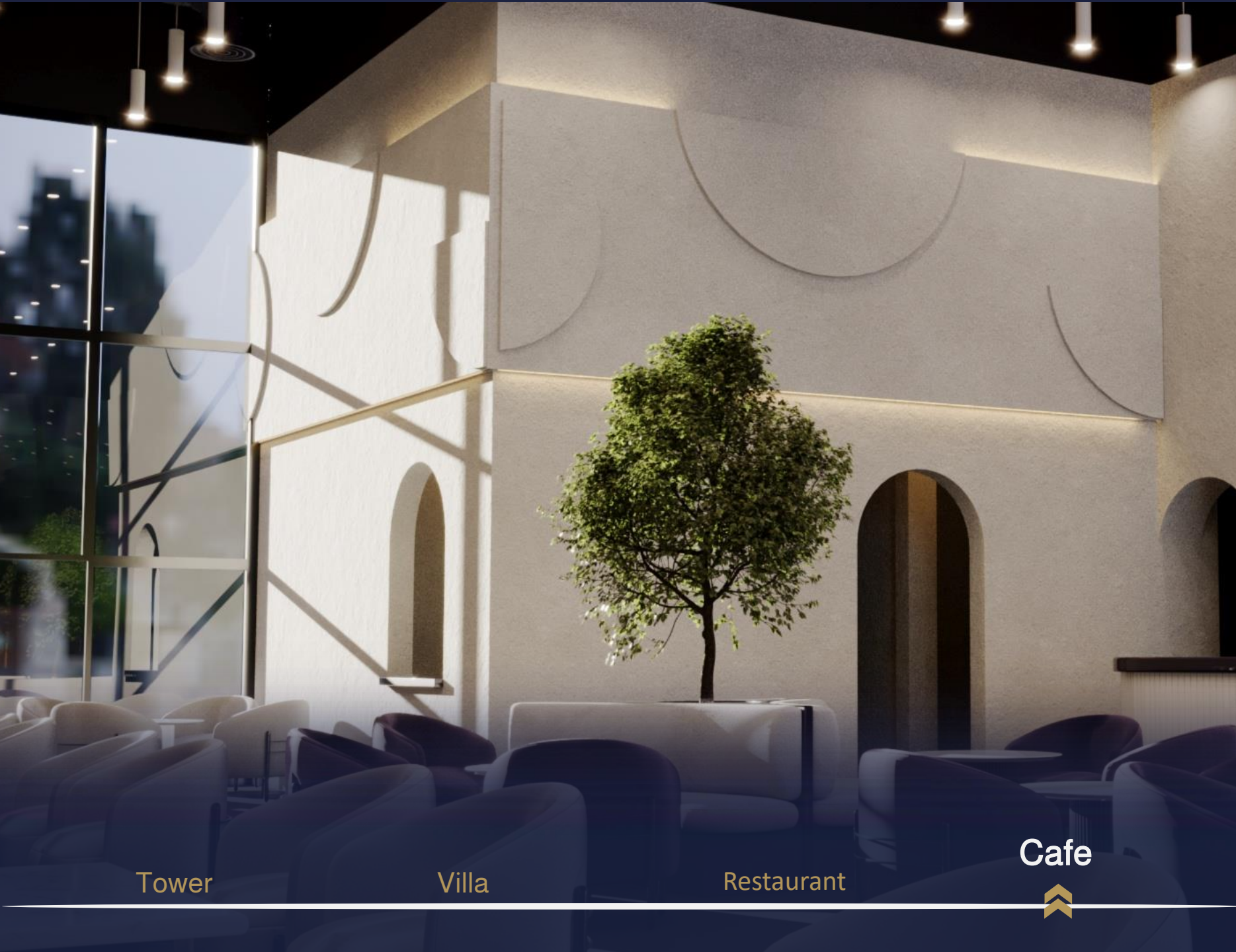
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EMAARCO WORK FIELDS

Commercial Building



Services Facilities



Industrial Facilities



Residential Building



OUR CLIENTS

Waffly®
Chocolate Café

ROLEX

مجموعة الفطيم
Al-Futtaim group

Swirkies

دار كوين
Dar Queen

مادن
MADEN
للاستشارات الهندسية

SAR
الخطوط الحديدية السعودية
SAUDI ARABIA RAILWAYS

stc

Y-TECH
واي تيك

DRAFT
creations
INTERIOR DESIGN STUDIO

ACE
SOLUTIONS CONTRACTING EST

ROC
RIYADH ORGANIZING
تنظيم الرياض

SUPAIR

الرياض بارك
RIYADH PARK
هانات
hannat

أسترا
ASTRA

DEVELOPING
Touch

nesve

Senato Coffee

K
KARMELLO
Chocolatier

Caribou
COFFEE

PORT
RIYADH
إيجو ريو حيا فقيه
إمارة حيا

ادار
ADAR

عيادات هيلثي
HEALTHY CLINICS

Riyadh
Season
موسم الرياض 2022
Beyond Imagination

الهيئة العامة للتقانة
General Information Authority

المراكز العربية
Arabian Centres

HX
HAIR EXPERTS
مختصين بالشعر

GRAND | HYATT

INTERCONTINENTAL
HOTELS & RESORTS

twoStones
تو ستونز
Khan Bani Saad
مركز التجارة

مؤسسة محمد بن راشد آل مكتوم للمعرفة
MOHAMMED BIN RASHID AL MAKTOUM
KNOWLEDGE FOUNDATION

مبادرات محمد بن راشد آل مكتوم العالمية
Mohammed Bin Rashid
Al Maktoum Global Initiatives

شركة ركين السعودية
SAUDI RAKEEN CO.

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Leading Sustainable
Engineering From
A Digital Perspective



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