



FGC Company Profile

Trusted to do

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ABOUT US

First Gulf Company, established in 2001, is a solutions-oriented business, catering to industries like broadcasting, construction, telecommunications, data management, healthcare, entertainment, and security. We offer integrated services, solutions, and maintenance to businesses around the country and region. FGC is committed to integrity and professionalism, complying with the highest international standards to deliver all projects safely.

FGC OPERATES THROUGH THREE MAIN DIVISIONS:

- Systems Integration
- Construction & MEP
- Facility Management

SUPPORTED BY ADDITIONAL SPECIALIZED DEPARTMENTS:

- Telecommunications
- Big Data
- Digital Business Solutions

VISION & MISSION

Our vision and mission guide how FGC grows, delivers value and supports the evolving needs of the industries we serve.

VISION:

To spearhead the region's transition into the era of technology by driving sustained growth and accompanying rapid expansion through collective ambition; to uphold unparalleled standards across all endeavors for the realization of Vision 2030 and beyond.

MISSION:

To set a market benchmark through reliable services and advanced solutions, becoming a partner of choice across industries while prioritizing customer satisfaction, environmental care, and our team's growth.

FGC AT A GLANCE

For over two decades, First Gulf Company has delivered large-scale projects across the region, supported by a strong workforce and a growing presence building on this foundation to expand its role on a global scale.

We operate across key hubs in the GCC to support regional project delivery, with selected services and projects extending beyond Saudi Arabia.



24+

Years in the
Market



4000+

Employees



300+

Projects Completed

FGC DELIVERS

end-to-end project solutions through one integrated model, bringing together: Construction & MEP, Systems Integration and Facility Management.

OUR DIVISIONS

operate as a single delivery system, connecting infrastructure, technology, and operations from concept to completion.

THIS INTEGRATED APPROACH

gives clients one accountable partner they can trust to deliver, with clear control, protected timelines, and consistent quality at every stage.

THE RESULT

is coordinated, future ready projects, trusted to perform in the most demanding environments.



04 SYSTEMS INTEGRATION DIVISION

THE FOUNDATION OF THE SYSTEMS DIVISION

The Systems Integration Division is the core of FGC's technical expertise and the foundation of its technology-driven operations. Established in 2001 as the company's first business unit, it has evolved into FGC's flagship division, delivering advanced integrated solutions across complex technology environments

MISSION STATEMENT:

To design and deliver intelligent system solutions that empower organizations to operate smarter, more efficiently, and more securely, while supporting the digital transformation of industries across the region.

FROM LOCAL ROOTS TO GLOBAL INTEGRATION EXCELLENCE

FGC is proud to offer a full spectrum of system integration services under one roof, including broadcast, audiovisual, SATCOM, theater, and immersive technologies. Today, the Systems Division stands as a regional leader in the broadcasting field, recognized for its deep expertise, future-ready solutions, and proven track record across government, media, and commercial sectors.

Our regional hub network is strategically positioned to support clients across the GCC and beyond, enabling seamless delivery for both regional and global operations.

Saudi Arabia: Riyadh, Jeddah, Khobar
Qatar, UAE and Bahrain

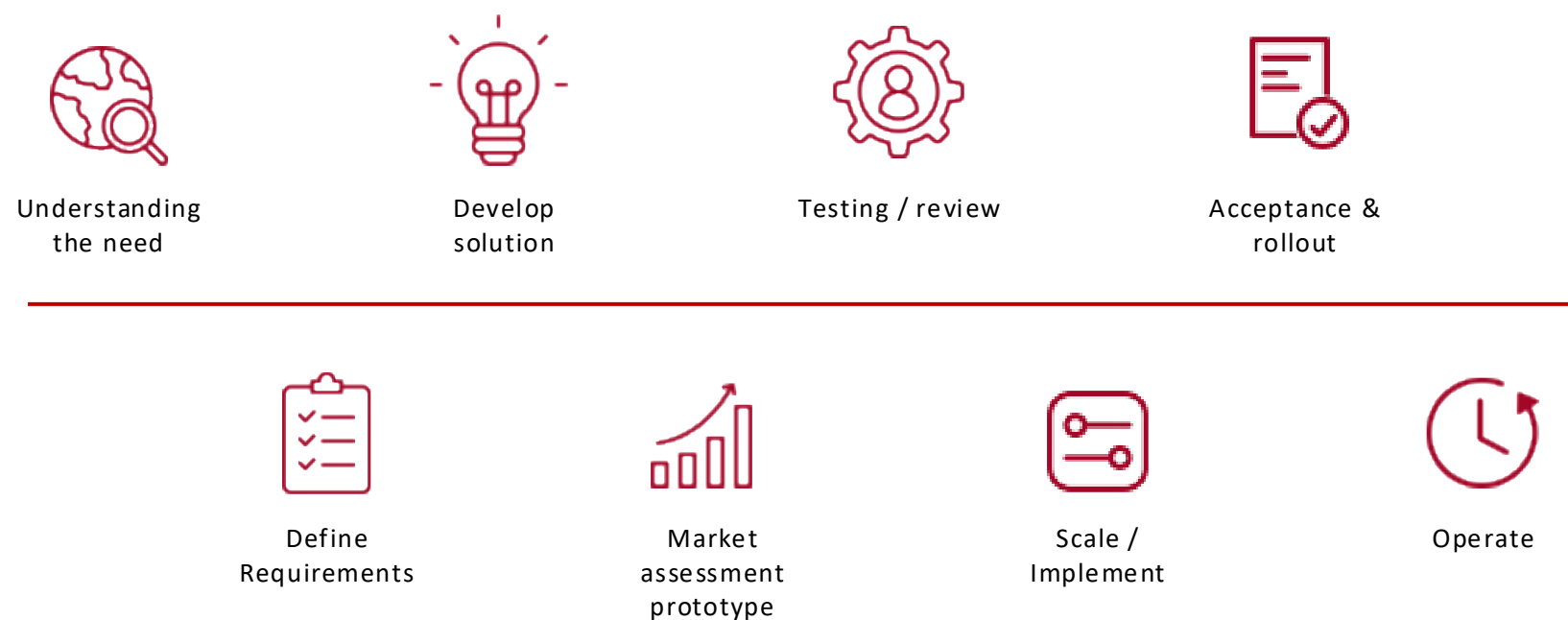
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Saudi Arabia: Riyadh, Jeddah, Khobar
Qatar, UAE and Bahrain

HOW WE WORK?



HOW WE WORK?



Understanding the need

Set the baseline:

- Assess customer /user/ business /technology problem
- Create problem statement
- Stakeholder alignment



Develop solution

Address the right problem:

- Develop target picture
- Architecture principles
- Key constraints
- Change perspective



Testing / review

Fit to the needs:

- Do(es) the solution(s) address the problem statement?
- Which amendments are needed?
- Can we go ahead?



Acceptance & rollout

Going live?!

- Rigid testing and approval procedures
- Management of solution partners
- Get the organization ready for operations



Define requirements

Opportunities & solutions:

- Market assessment
- Prototyping/POC
- Budgetary review
- Delivery structure



Market assessment prototype

How to solve it?

- Need to prototype?
- Solution from the market?
- Own development



Scale / implement

Deliver!

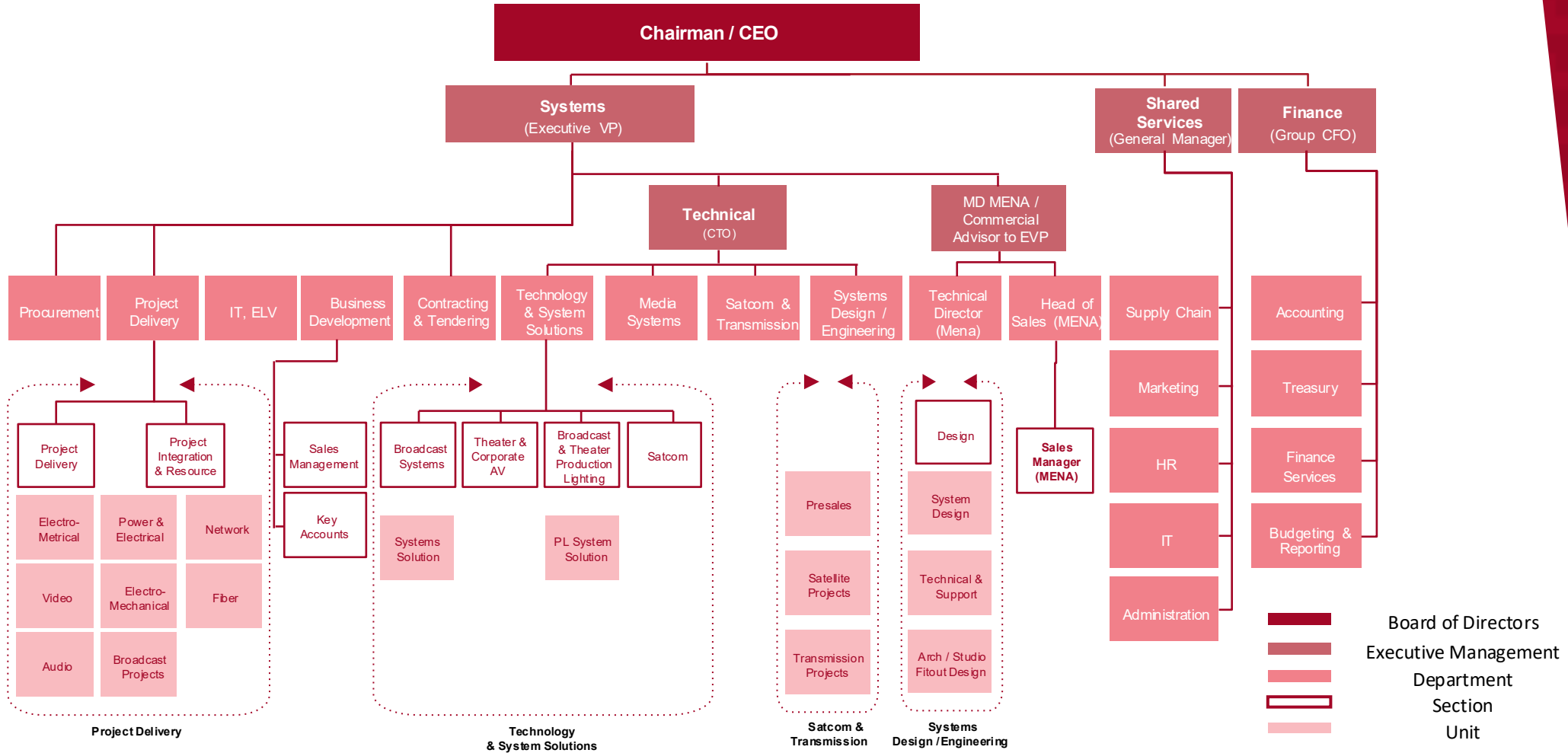
- Management of all aspects of the implementation
- Combination of suitable approach (agile, classic)



Operate

Operate & optimize

- It is good, how to make it better?
- Technical and operational review & improvement



OUR DEPARTMENTS & SERVICES

FGC Systems brings together specialized departments that deliver integrated technology solutions across diverse environments. Combining engineering expertise with reliable execution, we design and implement systems that support complex operational needs.



BROADCAST



SATCOM



THEATER SOLUTIONS



CONSULTANCY



SERVICE &
SUPPORT



A/V SOLUTIONS



MILITARY AND SECURITY
TECHNOLOGY



IT SOLUTIONS



MUSEUMS

BROADCAST

FGC Systems delivers end-to-end broadcast and transmission solutions across television, radio, and satellite environments. From production and playout systems to radio studios, MCR infrastructure, and OB/DSNG vehicles, we design and integrate reliable ecosystems that support content creation, control, distribution, and live broadcasting at scale.

Leveraging cloud-based services, advanced infrastructure, and consultancy-led approaches, we enable flexible, scalable, and future-ready broadcast environments tailored to evolving industry needs.

CORE CAPABILITIES

- TV Production & Playout
- Radio Studios & MCR
- OB & DSNG Vans
- Satellite & Uplink Systems
- Monitoring, Routing & Control
- Archiving, Security & Support
- Cloud Services & Virtualized Workflows
- Consultancy & System Design

Built to power seamless, scalable, and reliable broadcasting operations

SATCOM

FGC Systems delivers satellite and communication solutions that enable reliable broadcasting, connectivity, and transmission across diverse environments.

CORE CAPABILITIES

- Satellite TV broadcast and DTH platforms
- VSAT connectivity for remote and industrial sites
- DSNG and satellite uplink systems
- Earth stations and satellite ground infrastructure
- Network operation centers and monitoring systems
- Broadcast transmission for TV and radio

Reliable satellite infrastructure built to support seamless communication and uninterrupted broadcasting.

THEATER SOLUTIONS

Integrated technology solutions designed for theaters and performance venues. These systems combine advanced audio, communication, and lighting technologies to support professional stage productions, live performances, and cultural events.

CORE CAPABILITIES

- Interactive displays and touchscreen experiences
- Augmented Reality (AR) and immersive digital environments
- Virtual Reality (VR) educational and interactive tours
- Integrated lighting, audio, and multimedia installations

Technology solutions built to enable seamless performances and immersive audience experiences.

MUSEUMS

Integrated technology solutions designed to transform museum spaces into immersive storytelling environments. By combining scenography, interactive technologies, and digital media, these solutions create engaging visitor experiences that bring culture, history, and knowledge to life.

CORE CAPABILITIES

- Professional sound and stage communication systems
- High-quality audio infrastructure for live productions
- Advanced stage lighting programming and control
- Technical integration tailored to theater environments
- Ongoing technical support and system optimization

Immersive technologies designed to transform museum visits into memorable interactive experiences.

A/V SOLUTIONS

Integrated audio-visual solutions designed to support communication, presentation, and performance across diverse environments. From smart classrooms and corporate spaces to theaters, large venues, and cinemas, these systems combine high-quality design with reliable installation.

CORE CAPABILITIES

- Acoustic design and optimization
- Stage engineering and rigging systems
- Professional lighting and sound systems
- Broadcast integration for venues and events
- In-house design and installation for electrical and mechanical systems

High-performance AV systems designed to deliver clarity, reliability, and impactful audience experiences

MILITARY AND SECURITY

Advanced security and defense technology solutions designed to protect critical facilities, public institutions, and high-security environments. These systems integrate monitoring, detection, and control technologies to enhance safety, operational awareness, and infrastructure protection.

CORE CAPABILITIES

- CCTV and intelligent video surveillance systems
- Access control and intrusion detection systems
- Perimeter protection and security monitoring
- X-ray scanning and explosive/metal detection systems
- Vehicle screening and inspection solutions
- Command and control center integration
- Fire alarm and safety systems
- Intelligent transportation and management solutions

Integrated security technologies designed to safeguard critical environments and support reliable operational control.

IT SOLUTIONS

Integrated technology solutions designed for theaters and performance venues. These systems combine advanced audio, communication, and lighting technologies to support professional stage productions, live performances, and cultural events.

CORE CAPABILITIES

- Professional sound and stage communication systems
- High-quality audio infrastructure for live productions
- Advanced stage lighting programming and control
- Technical integration tailored to theater environments
- Ongoing technical support and system optimization

Technology solutions built to enable seamless performances and immersive audience experiences.

INDUSTRIES WE SERVE

Operating across diverse industries, our teams deliver integrated technology solutions that support complex environments and mission-critical operations.

**With 4000+ trusted experts
3 vibrant regional hubs**

and one unified team, we bring deep technical expertise
and reliable execution to every project.

05

OUR PARTNERS

OUR PARTNERS

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Trusted to do



OUR CLIENTS

قد
الثقة to do



06

AWARDS

2025

2025 WAS OUR YEAR

A year defined by industry recognition, leadership, and excellence across broadcast and technology.

In 2025, FGC was recognized by BroadcastPro for its outstanding contribution to the broadcast and media industry, securing multiple top-tier awards that reflect our leadership in systems integration, technical expertise, and market impact.

EXCELLENCE IN BROADCAST & MEDIA MARKET DEVELOPMENT AWARD

Recognized by BroadcastPro

Awarded for driving meaningful growth and innovation within the broadcast and media landscape, this recognition highlights FGC's role in shaping market development through advanced solutions, strategic partnerships, and forward-thinking execution across the region.

2025

SYSTEMS INTEGRATOR OF THE YEAR

Recognized by BroadcastPro

This award acknowledges FGC's excellence in delivering complex, end-to-end system integrations, demonstrating technical precision, reliability, and the ability to execute large-scale projects that meet the highest industry standards.

2025

CHIEF TECHNICAL OFFICER OF THE YEAR

Recognized by BroadcastPro

A recognition of leadership and technical vision, this award celebrates FGC's ability to drive innovation from within, led by strong technical direction that continues to elevate performance, capability, and industry impact.

2025

AWARDS



CONTACT US

Your trusted partner in seamless
project execution and technical
excellence.

Systems Integration



KSA Office: +966 11 2190 888
Dubai Office: +971 4 337 6711
Qatar Office: +974 50 005 868



Email: info@fgc.me



Website: www.fgc.me



07

SUCCESS STORIES

MIRAL MEDIA NERVE CENTRE DEVELOPMENT

26/02/2024 – 03/02/2025

Description

FGC successfully delivered the design, build, and integration of the Miral Media Nerve Centre in Abu Dhabi. The project established a state-of-the-art media production hub, enabling Miral to create, manage, and distribute high-quality content across broadcast, digital, and social media platforms.

Project Scope

- Design and construction of a turnkey media production facility
- Development of production studios, control rooms, audio recording, and post-production spaces
- Integration of broadcast, audiovisual, lighting, and media network systems
- Implementation of media asset management, storage, and archiving solutions
- Supply, testing, commissioning, and handover of production and media technology systems

Impact & Value

- Enabled in-house production of professional multimedia content
- Enhanced live broadcasting, streaming, and digital engagement capabilities
- Improved content management through centralized production workflows
- Strengthened Miral's media operations with a scalable and future-ready platform



DIGITIZATION AND PRESERVATION OF ARAMCO ARCHIVE ASSETS

31/07/2024 – 01/12/2024

Description

FGC successfully led the evaluation, digitization, and preservation of Saudi Aramco's historical archive assets. The project focused on transforming valuable media records into secure, accessible digital formats while ensuring long-term preservation and integrity.

Project Scope

- Evaluation and processing of historical films, photographs, negatives, and slides
- Digitization of 15,000+ archival negatives and slides
- Digitization of 5,000+ pages of magazines, documents, and posters
- Integration of digitized assets into a searchable archive database
- Implementation of secure digital storage and controlled access systems

Impact & Value

- Preserved critical historical assets for future generations
- Enabled secure, searchable access for authorized users
- Strengthened Aramco's archival preservation and digital asset management capabilities



DELIVERING A WORLD-CLASS CULTURAL AND PERFORMANCE HUB

Description

FGC delivered the technical backbone for the ITHRA project at the King Abdulaziz Center for World Culture, equipping key venues including the Great Hall, Cinema, and Theater. The project enabled a fully integrated cultural hub designed to support diverse events and educational programs at a national scale.

Project Scope

- Deployment of advanced Audio-Visual systems across multiple venues
- Installation of production lighting systems tailored to dynamic performances
- Delivery of mechanical and stage engineering solutions for complex productions
- Implementation of integrated network and control systems for seamless operations

Impact & Value

- Enabled a fully integrated, multi-venue cultural hub supporting large-scale events
- Delivered high-performance AV, lighting, and stage systems ensuring world-class experiences
- Contributed to establishing ITHRA as a national landmark aligned with Vision 2030



MENOS MULTIMEDIA HUB WITH EARTH STATION AND 150+ REMOTE TERMINALS

31/07/2024 – 01/12/2024

Description

FGC delivered a central MENOS multimedia hub in Riyadh for the Saudi Broadcasting Authority (SBA), enabling reliable satellite-based exchange of TV and radio content across the Kingdom. The project established a unified platform that supports efficient media distribution and operational coordination.

Project Scope

- Development of a central multimedia hub with integrated earth station infrastructure
- Installation of 150+ remote terminals supporting nationwide TV and radio exchange
- Implementation of an automated system for routing, scheduling, and broadcast operations
- End-to-end project delivery from installation through system activation

Impact & Value

- Enabled secure and stable nationwide multimedia exchange
- Built a unified platform supporting TV and radio distribution across Saudi Arabia
- Strengthened SBA's technical capabilities and long-term operational continuity



EXPANDING LIVE EVENT BROADCAST COVERAGE ACROSS KSA

Description

FGC enhanced MDLBEAST's radio transmission capabilities by deploying five FM transmitters across Saudi Arabia, enabling stronger nationwide coverage and reliable communication for large-scale live events.

Project Scope

- Deployment and installation of VSAT connectivity solutions across remote locations
- End-to-end management of satellite-based communication systems
- Ongoing maintenance and operational support for mission-critical units in harsh environments
- Ensuring consistent connectivity in remote desert regions where traditional infrastructure is limited

Impact & Value

- Enabled seamless, reliable radio coverage during major MDLBEAST events
- Strengthened broadcast reach and signal clarity across key regions
- Enhanced audience experience through consistent communication quality
- Supported large-scale event operations with robust transmission infrastructure



VSAT CONNECTIVITY FOR OIL & GAS OPERATIONS

Description

FGC delivers VSAT connectivity solutions for leading Oil & Gas corporations, enabling reliable communication in remote and high-demand environments. Managing the full lifecycle, FGC ensures stable satellite-based connectivity that supports mission-critical operations and IoT applications beyond the reach of conventional networks.

Project Scope

- Deployment of advanced Audio-Visual systems across multiple venues
- Installation of production lighting systems tailored to dynamic performances
- Delivery of mechanical and stage engineering solutions for complex productions
- Implementation of integrated network and control systems for seamless operations

Impact & Value

- Enabled continuous, reliable connectivity for uninterrupted O&G operations in remote locations
- Strengthened operational efficiency through stable digital workflows in harsh environments
- Supported mission-critical communication where conventional networks are not accessible



ENHANCING SATELLITE MONITORING CAPABILITIES FOR ARABSAT

Description

FGC upgraded Arabsat's Operation Center (AOC) to enhance satellite monitoring across multiple antenna systems. The project focused on improving accuracy and reliability through advanced calibration capabilities, supporting more efficient and precise satellite operations.

Project Scope

- Upgrade of Arabsat's AOC to strengthen satellite monitoring performance
- Selection, installation, and commissioning of advanced calibration systems
- Deployment of calibration kits for 3 KU-band and 2 C-band antennas
- Integration of specialized solutions to enhance operational accuracy

Impact & Value

- Improved monitoring accuracy and reliability across multiple antenna systems
- Strengthened operational performance through advanced calibration solutions
- Elevated Arabsat's capabilities in managing and optimizing satellite operations

عرب سات
ARABSAT

07.1

SYSTEMS DIVISION SUCCESS STORIES

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01

SAUDI BROADCASTING AUTHORITY

SBA

المملكة العربية السعودية

هيئة الإذاعة و التلفزيون

SAUDIBROADCASTINGAUTHORITY

VSAT CONNECTIVITY FOR OIL & GAS OPERATIONS

Description

FGC led the upgrade of Saudi Arabia's nationwide broadcasting network for the Saudi Broadcasting Authority, transitioning remote DVB-T sites to the DVB-T2 standard. The project included integrating a new HD DVB-S2 headend and earth station in Riyadh, ensuring uninterrupted broadcasting throughout the upgrade process.

Project Scope

- Upgrade of 30 remote DVB-T transmission sites to DVB-T2 standard
- Installation and commissioning of a new HD DVB-S2 headend
- Deployment of a corresponding earth station in Riyadh
- End-to-end system integration while maintaining continuous broadcasting

Impact & Value

- Enhanced national broadcast quality with improved HD clarity and stability
- Achieved near-zero downtime during transition, ensuring uninterrupted service
- Strengthened resilience and performance of Saudi Arabia's broadcasting infrastructure

UPGRADING STUDIO CONTROL CAPABILITIES FOR NEXT-GENERATION PRODUCTION

Description

FGC designed and delivered a next-generation Studio A control room for Riyadh TV, combining advanced audiovisual infrastructure with immersive technologies. The solution was built to support diverse production needs while enabling future-ready, interactive content creation.

Project Scope

- Upgrade of Studio A control room to a high-performance HD production environment
- Integration of VR, AR, and XR technologies into the production workflow
- Development of a flexible control setup supporting diverse production formats
- Delivery of a future-ready infrastructure aligned with evolving broadcast technologies

Impact & Value

- Enabled next-generation production workflows with VR, AR, and XR capabilities
- Enhanced flexibility and interactivity in content production
- Strengthened Riyadh TV's ability to produce innovative, immersive media content

DESIGNING A FLEXIBLE, FUTURE-READY STUDIO PRODUCTION ENVIRONMENT

Description

FGC upgraded Riyadh TV's Studio A control room into a versatile, state-of-the-art environment, integrating advanced VR, AR, and XR technologies. The solution was designed to meet current production demands while enabling future-ready, immersive content creation.

Project Scope

- Design and development of a modern, modular studio environment
- Construction of a high-performance facility with advanced audiovisual infrastructure
- Installation of specialized acoustic and lighting systems
- Integration of VR, AR, and XR technologies into the production workflow
- Implementation of adaptable studio configurations with interchangeable set elements

Impact & Value

- Enabled immersive content production through VR, AR, and XR capabilities
- Enhanced flexibility with modular design supporting diverse production formats
- Improved production quality through advanced acoustic, lighting, and AV systems
- Strengthened Riyadh TV's ability to deliver innovative and future-ready content

ENABLING ADVANCED CONTENT CREATION AND FUTURE-READY PRODUCTION

Description

FGC delivered a comprehensive upgrade for Riyadh TV's Studio A control room, introducing advanced production capabilities powered by VR, AR, and XR technologies. The solution was designed to enhance content creation while preparing the studio for future advancements in broadcast technology.

Project Scope

- Implementation of advanced content creation tools supporting VR, AR, and XR workflows
- Deployment of real-time graphics and effects systems for enhanced viewer engagement
- Delivery of training programs to enable teams to operate advanced production technologies
- Development of scalable infrastructure designed for future expansion and upgrades
- Establishment of continuous learning capabilities aligned with evolving media trends

Impact & Value

- Elevated content quality through immersive and interactive production capabilities
- Strengthened team capabilities through training and adoption of advanced technologies
- Enabled scalable, future-ready infrastructure supporting long-term evolution
- Positioned Riyadh TV to stay at the forefront of emerging broadcast innovations

UPGRADING LEGACY STUDIOS TO HD BROADCAST STANDARDS

Description

FGC led the comprehensive upgrade of existing studios for the Saudi Broadcasting Authority, transforming legacy environments into modern HD-ready production facilities. The project focused on upgrading equipment, enhancing infrastructure, and optimizing workflows to meet evolving broadcast demands.

Project Scope

- Refurbishment and modernization of existing studio infrastructure
- Replacement of legacy broadcast equipment with HD-ready systems
- Upgrade of production workflows to meet current industry standards
- Enhancement of overall studio performance and operational efficiency

Impact & Value

- Upgraded the studio to HD broadcast quality with improved systems and workflows
- Elevated production standards to meet modern audience expectations
- Ensured compliance with international broadcast requirements

MODERNIZING STUDIO INFRASTRUCTURE TO HD BROADCAST STANDARDS

Description

FGC led the full refurbishment of Studio B for the Saudi Broadcasting Authority, transforming it into a modern, high-performance broadcast facility. The project focused on replacing legacy systems, upgrading production infrastructure, and aligning the studio with current broadcast standards.

Project Scope

- Deployment of HD camera systems and advanced broadcast equipment including mixers, recorders, and playback systems
- Modernization of studio infrastructure, including electrical, lighting, and acoustic systems
- Integration of control room technologies, including switchers, routers, and automation systems
- Upgrade of post-production facilities with advanced editing, graphics, and audio systems
- Delivery of training programs and workflow optimization for operational efficiency
- Implementation of quality assurance, testing, and continuous monitoring processes

Impact & Value

- Elevated studio capabilities to deliver high-quality HD broadcast content
- Improved operational efficiency through modernized workflows and automation
- Strengthened production reliability through enhanced infrastructure and testing
- Enabled teams to fully leverage new technologies through training and process optimization

TRANSFORMING NATIONWIDE BROADCAST MONITORING WITH CENTRALIZED NMS

Description

FGC delivered a nationwide rollout of Network Management Systems (NMS) for the Saudi Broadcasting Authority, integrating solutions across DVB-T, FM, studio environments, and content exchange platforms. The system enabled a shift toward digital operations, enhancing remote monitoring, automated control, and reporting capabilities.

Project Scope

- Design and deployment of a Network Operations Center (NOC) with NMS for 120 remote sites
- Implementation of audio confidence monitoring systems
- Deployment of remote monitoring and control solutions across nationwide infrastructure
- Integration of multi-platform systems for centralized broadcast oversight

Impact & Value

- Enabled real-time monitoring and control across 120 remote broadcast sites
- Reduced operational costs through automated and unmanned monitoring systems
- Improved service reliability and efficiency through centralized management
- Enhanced nationwide visibility and control of TV and FM operations

TRANSFORMING NEWS OPERATIONS WITH A UNIFIED BROADCAST WORKFLOW

Description

FGC upgraded Ekhbariya's end-to-end news workflow, delivering a fully integrated and modernized system to support 24/7 broadcast operations. The solution unified newsroom, ingest, editing, and playback environments into a seamless production ecosystem.

Project Scope

- Revamp of newsroom, ingest, and editing environments
- Deployment of a complete Avid and Vizrt-based broadcast system
- Implementation of integrated media servers, storage, production management, and newsroom systems
- Integration of graphics, studio control, and playback systems for end-to-end workflow
- Execution of system deployment and migration within a live 24/7 broadcast environment
- Delivery of on-air launch support and post-live operations

Impact & Value

- Enabled a unified, end-to-end workflow supporting uninterrupted 24/7 broadcasting
- Strengthened operational resilience and continuity during COVID-19
- Improved efficiency and integration across all stages of news production
- Enhanced Ekhbariya's ability to deliver consistent, real-time news coverage



BUILDING A FULLY INTEGRATED NEWS PRODUCTION ECOSYSTEM

Description

FGC delivered a comprehensive upgrade of Ekhbariya's news infrastructure, building a fully integrated production ecosystem across newsroom, ingest, editing, and playout environments. The solution combined advanced Avid and Vizrt technologies to support a scalable, high-performance 24/7 broadcast operation.

Project Scope

- Design and build of newsroom, ingest rooms, editing suites, and backend infrastructure
- Deployment of a complete Avid-based production workflow including ingest, storage, production management, and newsroom systems
- Implementation of high-capacity storage (Avid Nexis) and multi-channel ingest systems
- Integration of playout, transcoding, and media management solutions
- Deployment of a full Vizrt graphics ecosystem including engines, video wall, and redundant systems
- Setup of editing environments and production tools across multiple suites
- Integration of cloud-based UX systems and newsroom platforms

Impact & Value

- Enabled a fully integrated, end-to-end news production ecosystem
- Strengthened scalability and performance for high-volume content production
- Enhanced graphics, playout, and newsroom capabilities for dynamic broadcasting
- Improved operational efficiency through centralized systems and workflows



MODERNIZING RADIO PRODUCTION WITH DIGITAL AUDIO AND NETWORK INFRASTRUCTURE

Description

FGC upgraded SBA's radio studios in Jeddah by modernizing network infrastructure and implementing a fully digital audio system. The project enabled a seamless transition from legacy workflows to an integrated digital production environment across all radio facilities.

Project Scope

- Upgrade of network infrastructure across studios, newsroom, archive, editing, scheduling, and office environments
- Deployment of a fully digital audio system (Netia) across all production facilities
- Migration from legacy audio workflows to a unified digital platform
- Integration of systems to support end-to-end radio production workflows
- End-to-end project management, delivery, and system implementation

Impact & Value

- Enabled a full transition to a modern, digital radio production environment
- Improved audio quality and consistency across all broadcast outputs
- Streamlined workflows, increasing efficiency across production operations
- Strengthened SBA's radio capabilities with scalable, future-ready infrastructure

DEPLOYING SCALABLE NETWORK AND DIGITAL AUDIO INFRASTRUCTURE

Description

FGC delivered a comprehensive network and digital audio upgrade for SBA's radio studios in Jeddah, implementing high-performance infrastructure and scalable systems to support modern, integrated radio production workflows.

Project Scope

- Design and deployment of a high-performance network architecture using Cisco core and access switches
- Implementation of backend infrastructure supporting servers, storage, and DAS environments
- Upgrade of Netia digital audio systems across studios, editing, archive, and office environments
- Configuration of infrastructure to support 18 studios, editing suites, archive systems, and offices

Impact & Value

- Enabled scalable, high-performance network infrastructure across all radio facilities
- Strengthened backend systems supporting audio production and storage environments
- Improved system reliability and performance across studios and operational areas
- Enhanced SBA's ability to operate fully integrated, digital radio workflows

MODERNIZING NEWS CONTINUITY FOR SEAMLESS BROADCAST OPERATIONS

Description

FGC upgraded SBA's news continuity studio by replacing legacy systems and optimizing workflows, ensuring uninterrupted operations while enhancing overall broadcast performance and efficiency.

Project Scope

- End-to-end planning and design for studio modernization
- Procurement of advanced broadcast equipment
- Full renovation, installation, and system integration
- Testing and commissioning aligned with industry standard

Impact & Value

- Improved operational efficiency across daily news production
- Enhanced broadcast quality and system reliability
- Enabled seamless, uninterrupted news delivery during upgrades
- Future-proofed the studio with scalable, modern infrastructure

02

MINISTRY OF INFORMATION BAHRAIN



وزارة الإعلام

Ministry of Information

BUILDING A NEXT-GENERATION NEWS PRODUCTION & BROADCAST SYSTEM

Description

FGC delivered a full technical upgrade for Bahrain TV's new news center under the Ministry of Information Affairs, introducing 4K and augmented reality (AR) production capabilities. The solution was designed to integrate seamlessly with the existing MCR and connected studios, enabling a more advanced and efficient end-to-end broadcast workflow.

Project Scope

- End-to-end planning and design for studio modernization
- Procurement of advanced broadcast equipment
- Full renovation, installation, and system integration
- Testing and commissioning aligned with industry standard

Impact & Value

- Enabled advanced 4K and AR-driven news production capabilities
- Strengthened end-to-end broadcast workflow integration and efficiency
- Delivered a flexible, future-ready system supporting multi-format broadcasting
- Elevated Bahrain TV's ability to produce dynamic, high-quality live content



DELIVERING A NEXT-GENERATION NEWS PRODUCTION ENVIRONMENT

Description

FGC delivered a full technical solution for Bahrain TV's new news center under the Ministry of Information Affairs, introducing one of the region's earliest fully integrated 4K and AR studios. The project enabled seamless integration with existing MCR and HD studios, elevating end-to-end broadcast capabilities.

Project Scope

- Deployment of a fully integrated 4K and AR-enabled news studio
- Integration with existing MCR and connected HD studio infrastructure
- Implementation of advanced broadcast systems supporting end-to-end workflows
- Delivery of a flexible, future-ready production environment

Impact & Value

- Enabled one of the region's earliest fully integrated 4K and AR news studios
- Positioned Bahrain TV as an early adopter of next-generation broadcast technology
- Strengthened live production capabilities and overall broadcast performance



TRANSFORMING BROADCAST OPERATIONS WITH IP-BASED AUTOMATION

Description

FGC delivered a fully integrated IP-based broadcast and automation solution for Bahrain TV, built on SMPTE ST2110 standards. The system supports six playout channels with HD and 3G capabilities and is designed to be 4K-ready, enabling a more scalable and future-proof broadcast workflow.

Project Scope

- Deployment of IP-based playout and ingest systems for multi-channel broadcasting
- Implementation of automation systems to streamline channel operations
- Integration of control, monitoring, gateways, MCR switches, and multiviewer systems
- Installation of switching infrastructure and graphics systems to support end-to-end workflows
- Delivery of a fully integrated SMPTE ST2110 broadcast environment

Impact & Value

- Introduced one of the first SMPTE ST2110 IP-based broadcast environments in the GCC
- Enabled scalable and future-ready infrastructure supporting 4K expansion
- Reduced operational complexity through centralized automation and monitoring
- Improved reliability and efficiency across ingest, playout, and channel management



DELIVERING SCALABLE IP-BASED PLAYOUT AND AUTOMATION INFRASTRUCTURE

Description

FGC delivered a fully integrated IP-based broadcast and automation system for Bahrain TV, built on SMPTE ST2110 standards. The solution was designed to support multi-channel playout with scalable storage, advanced automation, and seamless system integration across the broadcast workflow.

Project Scope

- Deployment of virtual playout servers supporting multi-channel broadcasting and various formats
- Implementation of high-capacity storage systems with optimized performance and bandwidth
- Installation of ingest servers to support multi-stream content processing
- Delivery of a comprehensive playout automation system with interconnected database and scheduling systems
- Integration of control, monitoring, gateways, MCR switches, and multiviewer systems
- Deployment of switching infrastructure ensuring precision timing and synchronized operations

Impact & Value

- Delivered one of the first SMPTE ST2110 IP-based broadcast environments for a national broadcaster in the GCC
- Enabled seamless integration of multi-vendor technologies into a unified end-to-end system
- Ensured high reliability and operational efficiency across playout and media workflows
- Successfully delivered the project despite global supply chain disruptions without compromising quality or timelines



03

العربية

AL ARABIYA

العربية
alarabiya

DELIVERING INTEGRATED NEWS PRODUCTION ENVIRONMENTS FOR AL ARABIYA

Description

FGC designed and delivered fully integrated production environments for Al Arabiya at the Riyadh Diplomatic Quarter (AADQ). The project covered multiple studios and facilities, enabling advanced, connected workflows across news production, content creation, and editing spaces.

Project Scope

- Design, supply, installation, integration, and commissioning of production facilities across AADQ
- Delivery of Al Hadath studio, news areas, podcast studio, and social gallery studio
- Setup of GFX and editing rooms to support content production workflows
- Coordination and management of end-to-end project execution across multiple facilities
- Ensuring timely delivery, operational readiness, and adherence to quality and safety standards

Impact & Value

- Delivered advanced, fully integrated news production environments across multiple studios
- Enabled AR-enhanced graphics and modern content creation capabilities
- Strengthened Al Arabiya's production capacity and technological capabilities
- Positioned the network for scalable, future-ready media operations



DELIVERING AN END-TO-END BROADCAST STUDIO TRANSFORMATION

Description

FGC led the full lifecycle development of Al Arabiya's Riyadh studio, from design to commissioning, delivering a fully integrated, future-ready broadcast environment.

Project Scope

- Design & Planning: Defined studio layout, infrastructure, and technical requirements in collaboration with multidisciplinary teams
- Supply & Procurement: Sourced high-performance broadcast equipment and materials aligned with quality and durability standards
- Installation: Executed construction and deployed AV, lighting, and IT systems in line with industry best practices
- Integration: Unified all systems into a seamless, fully operational broadcast ecosystem
- Commissioning: Conducted testing, optimization, and team enablement to ensure operational readiness

Impact & Value

- Delivered a fully integrated, state-of-the-art broadcast facility
- Ensured seamless system performance and uninterrupted operations
- Enabled scalable, future-ready production capabilities
- Elevated operational efficiency and content delivery standards



BUILDING A FULLY INTEGRATED NEWS PRODUCTION HUB IN RIYADH

Description

FGC delivered the end-to-end design, integration, and commissioning of Al Arabiya's studio in Riyadh Diplomatic Quarter, creating a modern, fully integrated broadcast environment aligned with the network's technical and operational standards.

Project Scope

- Full design and planning of a modern broadcast studio
- Supply and installation of advanced production systems
- End-to-end integration of studio infrastructure and workflows
- Testing, commissioning, and operational readiness

Impact & Value

- Elevated production quality with a state-of-the-art studio environment
- Improved operational efficiency through fully integrated systems
- Enabled seamless workflows and reliable on-air performance
- Strengthened Al Arabiya's capability to deliver high-quality news content





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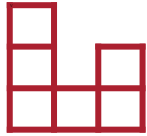
Thank You

09

EXTENDED CAPABILITIES

01

CONSTRUCTION & MEP



CONSTRUCTION & MEP

FGC's CMEP Division is built on a simple promise: precision in every detail.

For more than two decades, the division has delivered complex Construction & MEP projects with the accuracy, discipline, and hands-on expertise clients rely on.

The division manages the full project lifecycle, from IFC and shop drawings to architectural, structural, civil, and acoustic works. Its integrated approach covers construction management, material handling, furniture installation, and complete MEP systems including HVAC, fire protection, power distribution, safety and security systems, and building management.

All services are supported through BIM and Revit modelling, along with documentation, training, and long-term maintenance, making CMEP a dependable partner for high-performance, end-to-end project delivery across the region.

TARGETED SECTORS:

Tower Buildings | Malls | Hospitals and Clinics | Theatres | Museums

Hotels | Government Facilities | Schools | Factories | Warehouses | Restaurants

OUR DEPARTMENTS & SERVICES



Construction (Civil)



Mechanical, Electrical and Plumbing



Construction (Civil)



Design & Engineering

1. Engineering Support

Ensure all construction activities align with project specifications, client requirements, and timelines. Deliver high-quality shop and construction drawings to support accurate, first-time installations.

2. Building Information Modelling (BIM)

Implement BIM to integrate all disciplines—Architecture, Interiors, Façade, Structure, and MEP—ensuring all drawings and deliverables are model-based and fully coordinated.

3. Drawing Schedule

Develop a structured schedule for the production, submission, and review of drawings, including batching sequence and volume.

4. Design Review

Review the IFC package to identify gaps or clarifications prior to shop drawing development. Coordinate with interfacing contractors and formally notify the client of any deviations for approval.





Construction (Civil)

Site Supervision & Compliance

1. Daily Oversight:

- Continuous monitoring ensures construction aligns with approved architectural and structural plans.

2. Stakeholder Coordination:

- FGC serves as the technical liaison among clients, consultants, subcontractors, and suppliers to ensure seamless communication and execution.

3. Documentation & Reporting

The document controller manages project information per corporate guidelines, with duties including:

- Handling correspondence (transmittals, submittals, technical queries, letters).
- Distributing documents in a controlled manner.
- Updating timesheets in Focus and manual attendance systems.
- Ensuring compliance with corporate correspondence processes.



Construction (Civil)

Site Supervision & Compliance

4. Quality Assurance:

- FGC's Quality Management System (QMS), compliant with ISO 9001:2015, oversees the project from inception to the Defects Liability Period (DLP).
- The QMS employs a Plan-Do-Check-Act (PDCA) approach to achieve quality objectives and drive continuous improvement.
- Risks and opportunities are managed per the Risk Management Manual to minimize issues and maximize benefits.
- Quality Control (QC) processes detect and resolve issues to meet quality standards.
- Changes to the QMS follow the client's Change Management Process.

Construction (Civil)



Multi-Phase Construction Management

1. Phased Execution Planning

- Develop strategies for staged delivery to maintain operational continuity or occupancy.

2. Partial Demolitions & Upgrades:

- Manage selective demolition, structural retrofitting, and integration of new systems into existing infrastructure.

3. Sequencing & Logistics:

- Ensure timely delivery of personnel, materials, and equipment.
- Provide safe, user-friendly site facilities, including offices and stores, to optimize staff performance.
- Accommodate labor and key staff offsite.
- Manage transport to minimize traffic disruption within and around the site.



Construction (Civil)



Multi-Phase Construction Management

4. Safety & Compliance in Live Environments:

- **OSH* Responsibilities:** Clearly defined and communicated through job descriptions for all personnel.
- **Pre-start Briefing:** Educates workers on tasks, hazards, controls, and PPE, with signed toolbox attendance and displayed briefing records.
- **Risk Assessment & Method Statements:**
 - Risk Assessment: Involves identifying hazards, evaluating risks, implementing controls, recording findings, and reviewing assessments.
 - Method Statement: Details activity requirements, including materials, tools, safety, and quality assurance.



Construction (Civil)

Construction & Fit-Out Works

- 1 Site Preparation:**
 - Excavation and backfilling
 - Demolition works
- 2 Earthworks:**
 - Trenching for foundations and utilities
 - Grading and leveling
- 3 Foundations:**
 - Shallow foundations
 - Waterproofing and termite treatment
- 4 Concrete Works:**
 - Blinding concrete
 - Reinforced concrete (footings, columns, beams, slabs)
 - Precast concrete elements
 - Concrete curing and formwork removal
- 5 Masonry Works:**
 - Blockwork (hollow/solid)
 - Brickwork
 - Stone masonry (if applicable)
- 6 Structural Steel Works:**
 - Fabrication and erection of steel structures
 - Welding and bolting
 - Protective coatings
- 7 Waterproofing and Damp Proofing:**
 - Basement and roof waterproofing
 - Wet area treatment
- 8 Earthworks:**
 - Boundary walls
 - Roads and pavements
 - Drainage and stormwater systems
 - Landscaping base preparation
- 9 Foundations:**
 - Plastering and Rendering
 - Flooring
 - Wall Finishes
 - Ceiling Works
 - Doors and Windows
 - Joinery and Carpentry
 - Painting and Coating
 - External Finishes

Mechanical, Electrical and Plumbing



Fire Protection Systems

- Fire Pumps: Installation, Inspection, Maintenance
- Firefighting & Fire Alarm Systems: Design, Installation, Maintenance
- Immersion & Sprinkler Systems: Design, Installation
- Fire Extinguishers: Refilling, Maintenance
- Alarm Systems: Design, Installation, Programming



Fire Protection Systems

- Gas Systems: Installation, Testing



Mechanical, Electrical and Plumbing

⚡ Electrical & Power

- Power Distribution Systems
- Building Management Systems (BMS)
- Safety & Security Systems

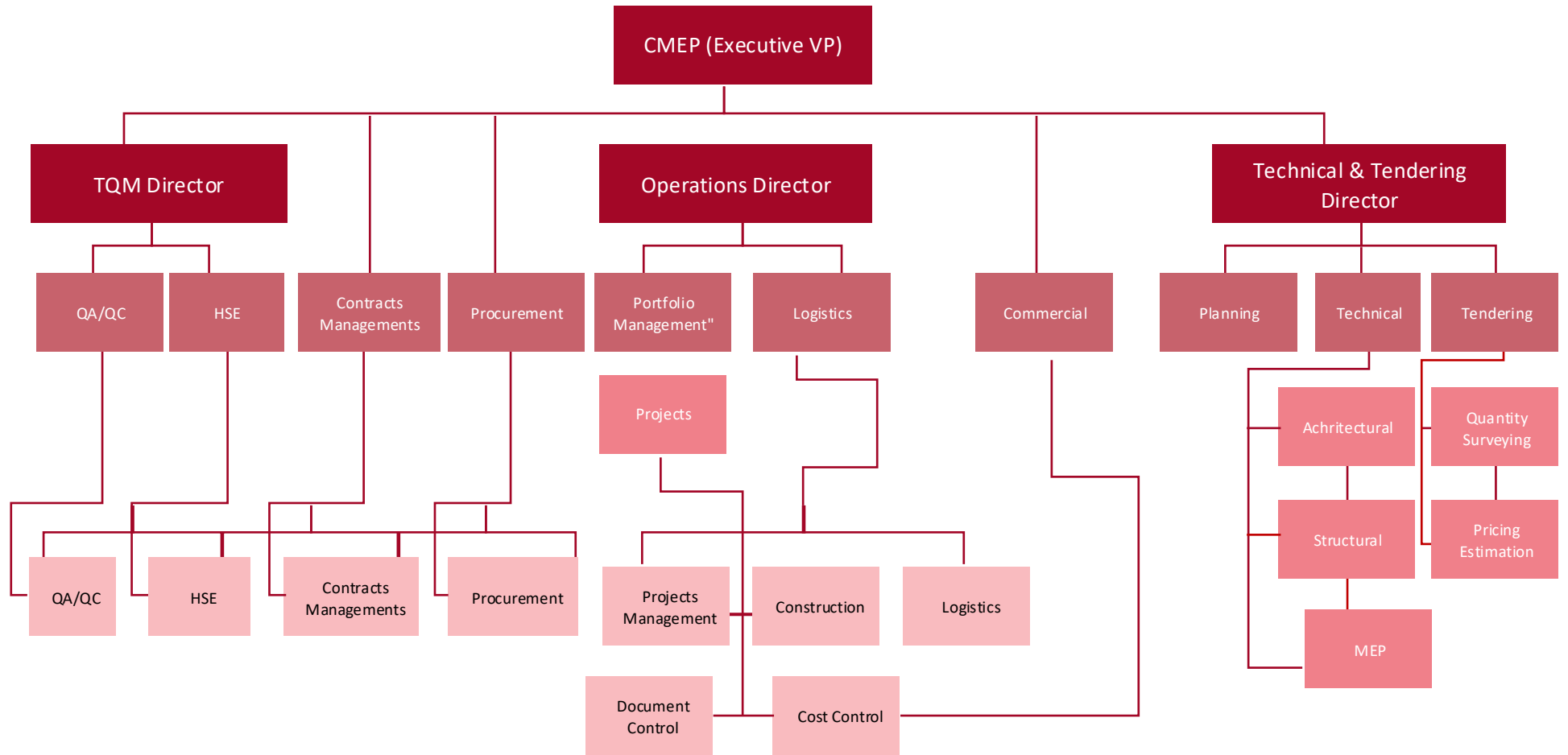
🌡️ HVAC & Climate Control

- Gas Systems: Installation, Testing

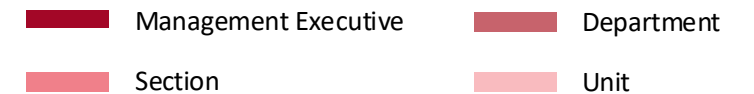
🔧 Ongoing Support

- Preventive and corrective maintenance to ensure system efficiency and longevity





Portfolio is based on volume ,client speciality (Civil MEP, Finishing)



Clients:



02

FACILITY MANAGEMENT



FACILITY MANAGEMENT

Facility Management is a core part of who we are at FGC. It is built on consistent delivery and the day-to-day actions that keep sites running with reliability and care. The division focuses on the work people depend on. That includes maintaining safe environments, protecting assets, and ensuring operations never lose momentum.

Our teams manage every detail with precision. Their work reflects the standards behind Trusted to do and supports the confidence clients place in us across every sector.

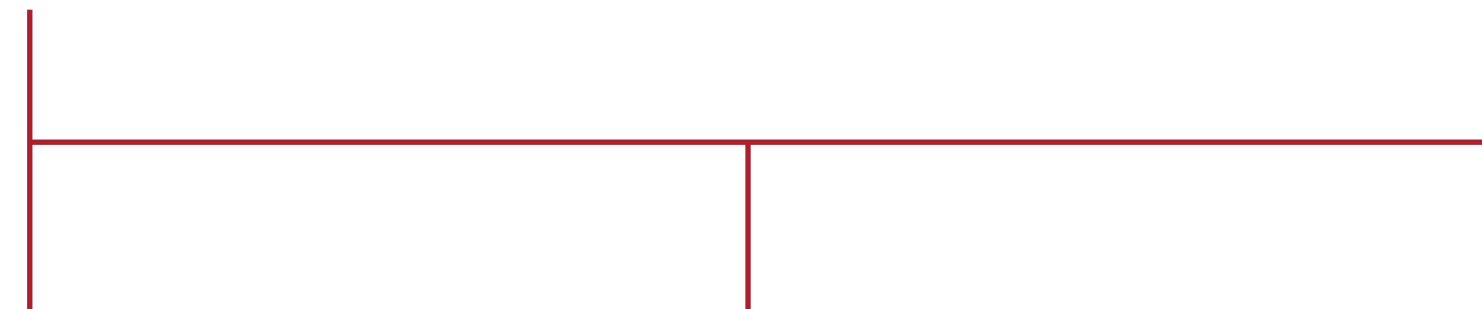


TARGETED SECTORS:

Healthcare | Stadiums | Government Entities | Education | Commercial



FACILITY MANAGEMENT



Operational
Maintenance



Medical Maintenance



FGCGREEN
LANDSCAPING

OPERATIONAL MAINTENANCE

Operational maintenance ensures assets retain their functionality and performance through structured, proactive, and strategic interventions. It combines planned, preventive, and corrective approaches to maintain system reliability, minimize downtime, and support continuous operations.

Core capabilities

- Structured planned maintenance programs aligned with operational schedules and compliance standards
- Preventive maintenance strategies to reduce risks and avoid unplanned downtime
- Rapid corrective maintenance ensuring minimal disruption and fast recovery
- Asset performance monitoring and continuous optimization initiatives
- End-to-end maintenance management across critical systems and facilities

OPERATIONAL MAINTENANCE

Asset Maintenance Overview

Maintenance ensures assets retain their original condition and functionality through structured, strategic interventions.

- **Planned Maintenance**

Scheduled maintenance activities based on predefined timelines and estimates, with all procedures thoroughly documented to ensure consistency and compliance.

- **Preventive Maintenance**

Routine, interval-based inspections and servicing aimed at identifying and resolving potential issues before they lead to failures or performance decline.

- **Corrective Maintenance**

Reactive measures taken after a fault occurs, focused on diagnosing the root cause and restoring the asset to full operational efficiency.

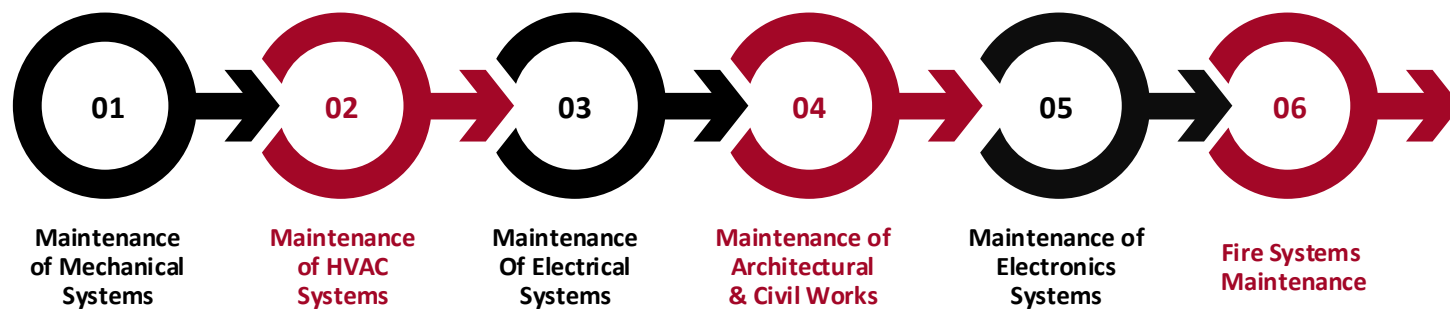
- **Protective Improvement Maintenance**

Enhancement-driven maintenance involving design or structural modifications, triggered by recurring issues to improve asset reliability and extend lifespan.

OPERATIONAL MAINTENANCE

Operational Maintenance Work Sectors

The Maintenance Work Program ensures the functionality, safety, and longevity of all systems and infrastructure across the facility. It is designed to support uninterrupted operations through routine, preventive, and corrective maintenance activities.



MEDICAL MAINTENANCE

Ensuring the reliability, safety, and performance of medical equipment through structured maintenance programs and continuous monitoring. Our approach combines preventive, corrective, and lifecycle management strategies to support critical healthcare operations and extend asset lifespan.

Core capabilities

- Preventive maintenance programs including inspections, calibration, and performance optimization
- Corrective maintenance ensuring rapid issue resolution and minimal operational disruption
- 24/7 technical support and on-call biomedical engineering services
- Inventory and lifecycle management of medical equipment
- Compliance with safety standards, inspections, and regulatory requirements
- Training and operational support for healthcare staff
- Continuous performance monitoring and asset optimization



MEDICAL MAINTENANCE

Vision

Reliability in Healthcare: A well-executed Medical Equipment Maintenance program ensures that every piece of equipment is ready and reliable for critical healthcare functions—from diagnostics to patient monitoring.

Extending Equipment Lifespan: Through meticulous planning and management, our program significantly extends the life of medical equipment, thereby optimizing investment and reducing costs for the Ministry of Health.

Comprehensive Maintenance Strategy:

- Strategic planning that accounts for financial, physical, and human resource investments.
- Ongoing management of financial and staff resources to maintain seamless operations.
- Rigorous implementation to preserve and enhance equipment performance and functionality.

Our vision is to create a maintenance framework that not only ensures medical devices are dependable and cost-effective but also continually adapts and improves to meet the evolving needs of healthcare institutions.

MEDICAL MAINTENANCE

Fundamentals

Inventory Management: Keeping an accurate and up-to-date record of the types and quantities of medical devices within the hospital's purview.

Sub-Contractor Engagement: Entering into agreements with specialized subcontractors for advanced medical equipment, subject to Ministry approval before contract execution.

Resource Allocation: Efficiently managing the financial, physical, and human resources necessary to support the hospital's medical equipment needs.

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FGC GREEN

Integrated landscaping and environmental solutions designed to enhance outdoor spaces, support sustainability, and elevate user experience across public and private environments.

Core capabilities

- Civil works for landscaping, pathways, roads, and recreational areas
- Construction of padel courts, football fields, pergolas, and outdoor structures
- Greenhouse production of ornamental plants, flowers, trees, and shrubs
- Agricultural and landscaping support through controlled plant cultivation
- Preventive and curative pest control using eco-friendly, globally aligned programs
- Water infrastructure including underground tanks for irrigation and sustainability



AGRICULTURAL MAINTENANCE ACTIVITIES

Maintenance activities must be carried out according to a global methodology that includes specific programs, which are:

Planned Maintenance

A proactive approach that involves continuous planning and monitoring to keep facilities running smoothly and avoid breakdowns.

- Preventive Maintenance: Regular, scheduled tasks to prevent failures and extend equipment life.
- Periodic Maintenance: Routine checks and simple servicing to maintain ongoing performance.





AGRICULTURAL MAINTENANCE ACTIVITIES

Unplanned Maintenance

Unplanned maintenance is carried out when unexpected issues or breakdowns occur. It includes:

- **Corrective Maintenance:** Repairs and restorations (partial or complete) based on site needs and supervisor instructions. May involve complex fixes or specialized contractors.
- **Emergency Maintenance:** 24/7 rapid-response service activated upon receiving urgent notifications. Focuses on minimizing downtime and restoring operations quickly.



OTHER SERVICES

Sports Field Maintenance:

Annual Maintenance Steps for Natural Grass Football Fields:

The maintenance process includes gradual mowing of grass and vertical mowing to enhance growth, followed by cleaning up grass clippings and aerating the soil. It also involves leveling the ground and taking soil samples to ensure optimal conditions. Ongoing care includes maintaining sprinklers and irrigation systems, applying pest control treatments, planting in bare areas, landscaping the edges of the field, and removing waste materials to keep the environment clean and well-maintained.

Civil Works:

Design, construction, and maintenance of civil works for gardens, pathways, roads, rest areas, and fountains:

Construction of padel courts and five-a-side football fields, along with pergolas and interlocking works. This also includes pathway construction and the development of underground concrete tanks for water storage across gardens and various projects.

Green Houses:

Green houses and Production in Greenhouses

Construction of padel courts and five-a-side football fields, along with pergolas and interlocking works. This also includes pathway construction and the development of underground concrete tanks for water storage across gardens and various projects.

Pest Control

Preventive and Curative Programs for Plants and Crops:

Pest control services include preventive and curative spraying using advanced programs and global standards, with a focus on eco-friendly pesticides. The approach covers crops, palm trees, and other vegetation, ensuring effective protection, controlled treatment, and long-term plant health.

OUR CLIENTS



OUR PARTNERS



09

EXTENDED CAPABILITIES SUCCESS STORIES

CONSTRUCTION & MEP

01

RED SEA GLOBAL

SHURA EAST HOTEL 1 - INTEGRATED DELIVERY

Description

FGC delivered comprehensive MEP and ELV systems for Shura East Hotel 1 (HE1), a luxury hospitality project developed by Red Sea Global. Located on Shura Island and designed as part of a LEED Platinum, seven-star destination, the project includes 150 keys, premium FOH and BOH spaces, and a wide range of guest and resort amenities. The development supports advanced, sustainable hospitality operations aligned with Vision 2030.

Project Scope

- Design, supply, installation, testing, and commissioning of all MEP and ELV systems.
- Delivery of HVAC systems including ventilation and air conditioning across all assets.
- Implementation of Building Management Systems (BMS) and lighting control systems.
- Installation of potable water, sewage, stormwater, and LPG systems.
- Deployment of fire protection systems including firefighting, clean agent, and foam deluge systems.
- Execution of power distribution, UPS, generator, and lighting systems.
- Integration of ELV systems including ICT infrastructure, containment, and controls.
- Installation of solar hot water systems and leak detection systems.
- Delivery of pool, spa, and water feature systems including full testing and commissioning.
- Installation and testing of fire sealants across all MEP/ELV service penetrations.

Impact & Value

- Delivered fully integrated MEP and ELV infrastructure enabling efficient, reliable, and sustainable hotel operations.
- Achieved high-performance systems aligned with LEED Platinum standards and environmental targets.
- Enhanced guest experience through advanced building technologies and seamless system integration.
- Strengthened Red Sea Global's position in delivering world-class, sustainable tourism infrastructure.
- Supported Saudi Arabia's Vision 2030 through innovative and future-ready hospitality development.



SHURA EAST HOTEL 1 (HE1) – WATER & FIRE SYSTEMS

Description

FGC delivered specialized water systems and fire protection works for Shura East Hotel 1 (HE1), supporting luxury hospitality operations within Red Sea Global's flagship destination. The scope focused on pools, water features, spa systems, and critical fire sealing works to ensure safety, performance, and compliance across all facilities.

Project Scope

- Supply, installation, testing, and commissioning of internal pool systems.
- Delivery and setup of water features ensuring full operational performance Installation and validation of spa equipment and related systems.
- Provision of ongoing maintenance support for water and spa systems.
- Supply and installation of fire sealants across all MEP and ELV penetrations.
- Testing and compliance of fire sealants with safety standards.
- Application of fire-stopping solutions for multi-service openings.
- Coordination across mechanical, electrical, and ELV systems.

Impact & Value

- Ensured safe and compliant fire protection across all service interfaces.
- Delivered high-quality water and spa systems enhancing guest experience Improved operational reliability through fully tested and validated systems.
- Supported seamless integration across MEP and ELV infrastructure.
- Reinforced project safety standards in line with premium hospitality requirements.



SHURA WEST HOTEL 1 (HW1) – INTEGRATED DELIVERY

Description

FGC delivered comprehensive MEP and ELV systems for Shura West Hotel 1 (HW1), a luxury resort development by Red Sea Global. Designed to offer a high-end guest experience with a strong focus on sustainability, the project includes hotel suites, private villas, and a wide range of premium amenities supporting leisure, wellness, and family experiences.

Project Scope

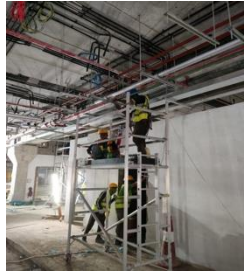
- Design, supply, installation, testing, and commissioning of all MEP systems.
- Delivery of HVAC systems across hotel buildings, villas, and amenities.
- Installation of fire fighting, chilled water, LPG, and potable water networks.
- Implementation of Building Management Systems (BMS) and Central Battery Systems (CBS).
- Deployment of MV and LV power distribution systems including cabling and switch gear.
- Installation of irrigation systems and landscaping lighting.
- Delivery of earthing and lightning protection systems.
- Integration of electrical and ELV containment systems.
- Installation of solar water heating systems, gas infrastructure, and storage facilities.
- Delivery of pools, water features, and spa systems including full testing and commissioning.

Impact & Value

- Ensured safe and compliant fire protection across all service interfaces.
- Delivered high-quality water and spa systems enhancing guest experience Improved operational reliability through fully tested and validated systems.
- Supported seamless integration across MEP and ELV infrastructure.
- Reinforced project safety standards in line with premium hospitality requirements.



SHURA EAST HOTEL



Chilled Water
Pipe Install



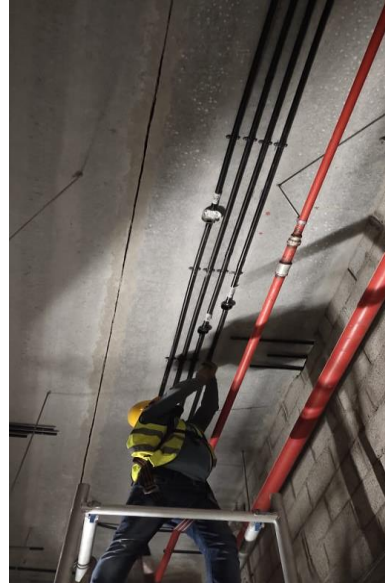
Fire Pipe & Water
Supply Pipes Installed



Duct Insulation
Installation



Fire Pipe Installation



25mm PVC Installation for
Lighting

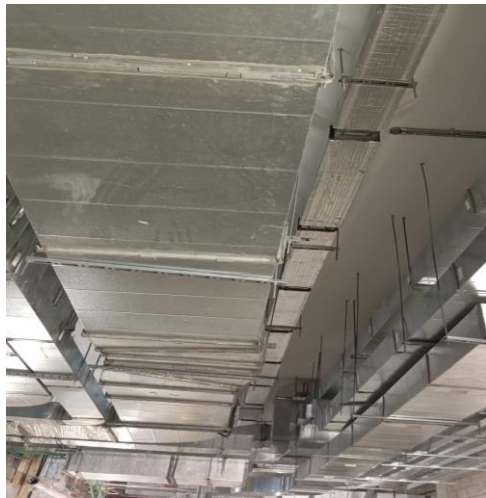


Installation Support for
Cable Tray



Shallow Services

SHURA EAST HOTEL



Duct Insulation Installation



Lighting Pipe installation



Cable Tray

02

MINISTRY OF CULTURE

BLACK GOLD MUSEUM (BGM) – IMMERSIVE FIT-OUT DELIVERY

Description

FGC delivered a full fit-out transformation for the Black Gold Museum, developed by the Ministry of Culture. Located within the iconic Zaha Hadid-designed structure, the project reimagines the former KAPSARC Library into an immersive cultural destination that brings the story of oil to life through advanced exhibition design and technology.

Project Scope

- Museum-grade interior transformation.
- Custom finishes (walls, ceilings, flooring).
- Scenography and exhibition integration.
- Installation of artworks and interactive displays.
- Climate-controlled showcases and display systems.
- Advanced AV systems and projection mapping.
- Museum lighting and synchronized soundscapes.
- Wayfinding and visitor experience enhancements.
- Accessibility integration across public areas.

Impact & Value

- Created an immersive cultural destination.
- Enhanced engagement through interactive experiences.
- Seamless integration of design, content, and technology.
- Supported Saudi cultural and tourism vision.



BLACK GOLD MUSEUM (BGM)

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RED SEA MUSEUM (JEDDAH)

Description

FGC delivered the restoration and fit-out of the Red Sea Museum in Jeddah's historic Al Balad district, a UNESCO World Heritage Site. The project revitalizes the heritage structure while transforming it into a contemporary cultural space, integrating exhibition design, technology, and conservation standards.

Project Scope

- Restoration of heritage architecture and traditional elements.
- Interior reconfiguration for galleries, exhibitions, and visitor spaces.
- Integration of museography and exhibition design elements.
- Installation of artworks and artifact display systems.
- Custom showcases with climate-controlled environments.
- Museum lighting and immersive AV integration.
- Environmental and HVAC systems for artifact preservation.
- Structural reinforcement and preservation coordination.
- Accessibility and visitor flow enhancements.

Impact & Value

- Revitalized a historic landmark into a modern museum experience.
- Preserved cultural authenticity while enabling contemporary use.
- Enhanced visitor engagement through immersive storytelling.
- Supported heritage preservation within a UNESCO site.
- Contributed to cultural tourism and urban regeneration in Al Balad.



RED SEA MUSEUM (JEDDAH)

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KING FAHAD CULTURAL CENTRE

Description

FGC is delivering a major refurbishment of King Fahad Cultural Centre, upgrading key interior spaces and external facades. The project enhances functionality, integrates modern systems, and elevates the overall visitor and cultural experience.

Project Scope

- Facade refurbishment and architectural lighting.
- Reconstruction of main, restaurant, and royal entrances.
- Upgrade of lobbies and cafeteria (finishes, systems, accessibility).
- VIP and royal areas refurbishment.
- Full auditorium upgrade (architecture, MEP, stage, seating).
- Advanced AV systems, screens, and translation technologies.
- HVAC, fire protection, and lighting integration.
- FF&E and signage installation.

Impact & Value

- Revitalized a key cultural landmark.
- Enhanced performance with advanced AV and MEP.
- Improved visitor experience across all spaces.
- Enabled modern cultural and event capabilities.
- Strengthened its position as a leading destination.

KING FAHAD CULTURAL CENTRE

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03

DIRIYAH GATE DEVELOPMENT AUTHORITY

DSQ DIRIYAH SQUARE PACKAGE

Description

FGC delivered comprehensive MEP infrastructure for Diriyah Square Package 2, including a large-scale underground car park and an extensive tunnel network supporting the district's mixed-use development. The project enables seamless connectivity, high-capacity operations, and essential services across one of Saudi Arabia's most significant cultural destinations.

Project Scope

- Full MEP delivery (design, supply, installation, testing, commissioning).
- Mechanical & ventilation systems (incl. smoke control & exhaust).
- Water networks (chilled, potable, drainage).
- Fire protection systems (sprinklers, hydrants, firefighting).
- Power infrastructure (MV/LV, substations, backup systems).
- Lighting systems (tunnel, emergency, feature).
- BMS, controls, and monitoring systems.
- ELV systems (CCTV, access control, PA, fiber).
- Tunnel & basement ventilation.
- Fuel, irrigation, and utility systems.

Impact & Value

- Enabled high-capacity mobility and connectivity across Diriyah.
- Delivered safe, efficient infrastructure for 10,500+ parking spaces.
- Ensured reliable operations through integrated systems.
- Supported large-scale development within a heritage context.
- Advanced Vision 2030 through tourism and urban infrastructure.



DSQ DIRIYAH SQUARE PACKAGE



04

ROYAL COMMISSION FOR RIYADH CITY

RIYADH METRO – TUNNEL VENTILATION SYSTEM

Description

FGC delivered the full Tunnel Ventilation System (TVS) for Riyadh Metro Lines 1 and 2, supporting safe and efficient operations across deep underground and shallow stations. The system ensures effective smoke extraction and heat management during normal and emergency conditions.

Project Scope

- Full engineering, supply, installation, testing, and commissioning.
- Ventilation systems across tunnels, stations, and shafts.
- Mechanical, electrical, and control system integration.
- Smoke extraction and heat management systems.
- Installation of fans, dampers, ductwork, and control panels.
- Deployment of MCCs, fiber networks, and detection systems.
- Design verification, QA/QC, and safety compliance.
- End-to-end project delivery including logistics and construction management.

Impact & Value

- Ensured safe smoke and heat control across metro infrastructure.
- Enhanced operational safety and system reliability.
- Delivered large-scale infrastructure across Lines 1 & 2 Supported safe, modern public transport in Riyadh.
- Contributed to Vision 2030 mobility and urban development.

RIYADH METRO – TUNNEL VENTILATION SYSTEM



05

SAUDI PRESS AGENCY

SPA HEADQUARTERS – AV & CONTROL SYSTEMS

Description

FGC delivered advanced AV, broadcast, and control systems for the Saudi Press Agency (SPA) Headquarters. The project upgraded a landmark media facility into a fully integrated, high-performance environment supporting national media production and high-profile events.

Project Scope

- Full engineering, supply, installation, testing, and commissioning.
- Installation of high-definition video wall systems.
- Integration of sound and audio systems.
- Deployment of broadcast and media production systems.
- Installation of stage lighting and control systems.
- Implementation of interpretation systems for multilingual support.
- Integration of AV, control, and communication systems across facilities.

Impact & Value

- Delivered a fully integrated national media hub.
- Enhanced production quality and operational efficiency.
- Enabled seamless audio-visual and broadcast capabilities.
- Supported high-profile events and media operations.
- Elevated SPA's technological and communication infrastructure.



SPA HEADQUARTERS – AV & CONTROL SYSTEMS

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06

INSTITUTE OF PUBLIC ADMINISTRATION

IPA AUDITORIUMS (RIYADH & JEDDAH)

Description

FGC delivered the fit-out and upgrade of IPA women's branch auditoriums in Riyadh and Jeddah, transforming existing spaces into modern, fully equipped learning and event environments. The project integrates advanced systems and architectural enhancements to support training, knowledge-sharing, and interactive experiences.

Project Scope

- Full auditorium fit-out including structural, architectural, and MEP works.
- Interior construction (partitions, ceilings, flooring, and finishes).
- Installation of fixed seating, stage elements, and decorative features.
- HVAC systems, exhaust, and ventilation integration.
- Plumbing and drainage systems installation.
- Electrical systems (power, lighting, panels, and generator backup).
- Fire protection and smoke management systems.
- Integration with existing BMS and infrastructure.
- Installation of AV-ready infrastructure and support systems.

Impact & Value

- Transformed existing spaces into modern auditorium environments.
- Enabled high-performance learning and training experiences.
- Delivered fully integrated, reliable building systems.
- Enhanced functionality and user experience across both locations.
- Supported education and professional development initiatives.



IPA AUDITORIUMS (RIYADH & JEDDAH)

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07

SAUDI ELECTRICITY COMPANY

Research and Development Center in Dhahran

Description

FGC delivered the design and construction of a two-story R&D facility for Saudi Electricity Company at Dhahran Techno Valley. The project integrates civil, architectural, MEP, and telecom systems to support innovation, research, and engineering development.

Project Scope

- Full design and construction of R&D facility and site infrastructure.
- Civil and structural works (building, roads, parking, boundary walls).
- Architectural works (finishes, partitions, cladding, ceilings).
- HVAC, plumbing, and fire protection systems.
- Electrical systems (MV/LV, lighting, grounding, security).
- Telecom systems (fiber optics, IP telephony, data networks).
- CCTV, access control, and public address systems.
- Building Management System (BMS) integration.
- Installation of lifts, utilities, and site services.

Impact & Value

- Delivered a fully integrated R&D facility.
- Enabled advanced research and engineering capabilities.
- Supported innovation and technology development.
- Strengthened Saudi Arabia's R&D ecosystem.
- Contributed to knowledge-based growth.



Research and Development Center in Dhahran

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08 ARAMCO

ITHRA – STAGE ENGINEERING SYSTEMS

Description

FGC delivered the full design, supply, installation, and commissioning of advanced stage engineering systems for Ithra. The project enables high-quality performances through integrated, flexible, and technology-driven theatre systems.

Project Scope

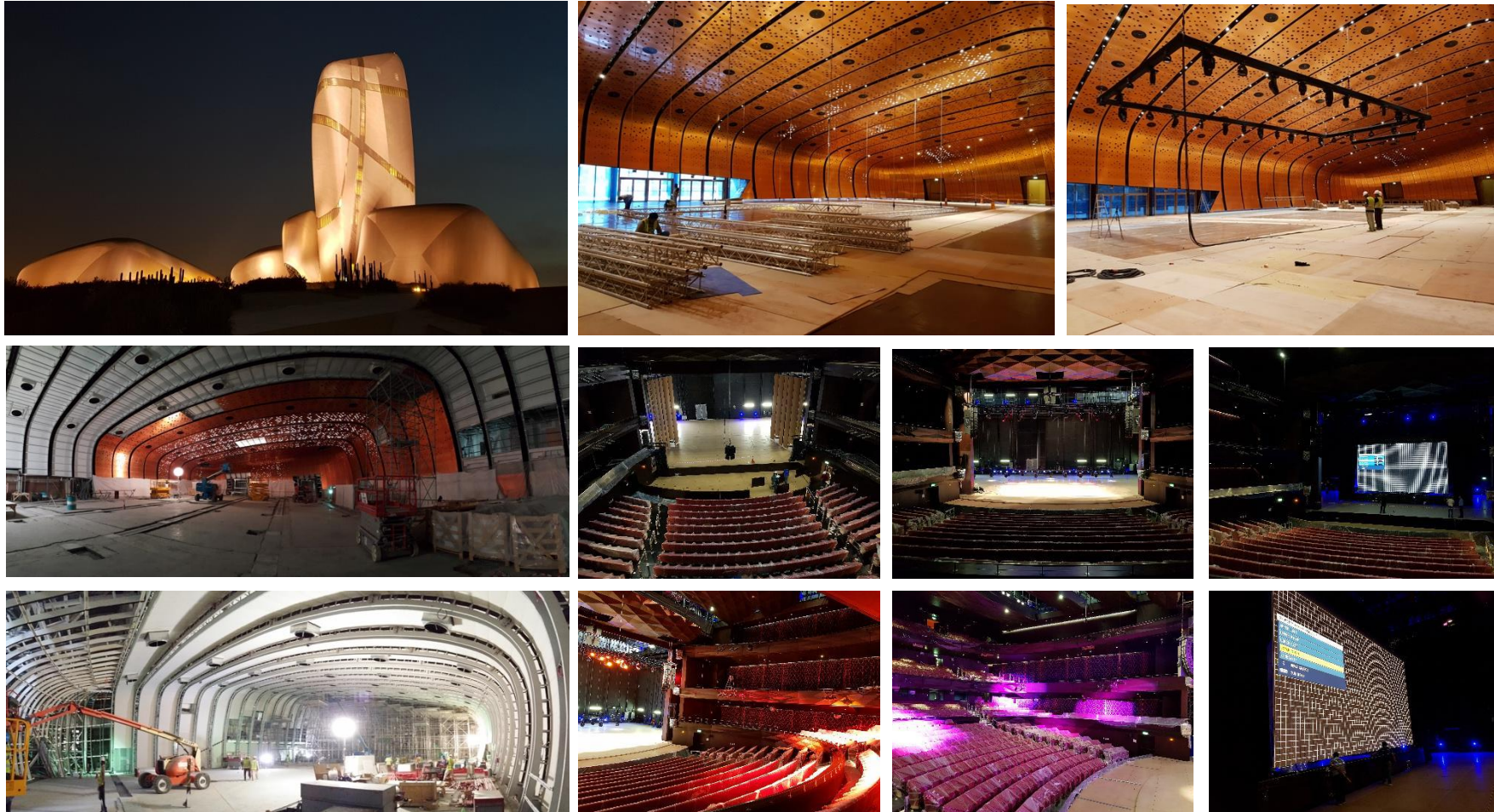
- Stage control systems with real-time operation.
- Acoustic engineering and variable acoustics.
- Lighting and projection systems (LED, automated) Custom seating and retractable stage systems.
- Integration of audio, visual, lighting, and control systems.
- Digital networks and communication systems.
- End-to-end quality assurance.

Impact & Value

- Delivered a high-performance stage system.
- Enabled world-class performances and events.
- Enhanced audience and production experience.
- Supported a flagship cultural destination.
- Strengthened national cultural infrastructure.



ITHRA – STAGE ENGINEERING SYSTEMS



Princess Noura University Theater

Description

FGC upgraded multiple performance and educational venues at Princess Noura University, integrating advanced lighting, rigging, and AV systems across theaters and academic spaces to enhance learning and performance experiences.

Project Scope

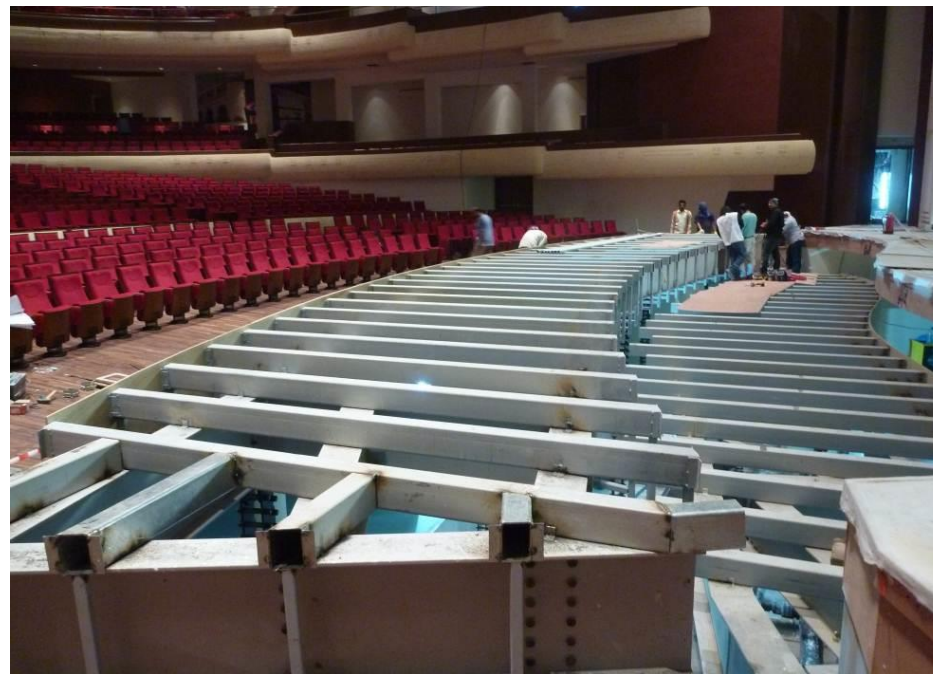
- Lighting systems for large, small, and black box theaters.
- Rigging and stage mechanics (incl. orchestra lifts, acoustic shells).
- Audio-visual systems for theaters and academic spaces.
- Integration across lecture halls, labs, and classrooms.
- Performance-focused and energy-efficient system design.

Impact & Value

- Enhanced performance quality and operational efficiency.
- Upgraded learning and teaching environments.
- Enabled interactive, tech-driven education spaces.
- Improved versatility across theater venues.
- Supported creativity, innovation, and student engagement.



Princess Nora University Theater



FACILITY MANAGEMENT

01

AL HILAL CLUB

OPERATION, MAINTENANCE, AND CLEANING OF AL HILAL CLUB.

Description

FGC was entrusted with the operation, maintenance, and cleaning of Al Hilal Club facilities, covering training grounds, main buildings, administrative areas, and supporting infrastructure. The project focused on ensuring efficient operations, long-term facility performance, and a clean, safe environment for athletes, staff, and visitors.

Project Scope

- Operation and maintenance of all club facilities and infrastructure.
- Cleaning services across training grounds, buildings, and administrative areas.
- Routine inspection and maintenance of electrical systems, circuits, and panels.
- Testing of emergency lighting and ensuring system reliability.
- Monitoring facility performance and ensuring compliance with safety standards.

Impact & Value

- Ensured uninterrupted, high-standard facility operations and maintenance.
- Elevated infrastructure to meet international professional standards.
- Improved safety, reliability, and overall performance across all environments.
- Supported long-term sustainability and operational efficiency.



OPERATION, MAINTENANCE, AND CLEANING OF AL HILAL CLUB.

Description

FGC delivered comprehensive operation, maintenance, and cleaning services across Al Hilal Club facilities, ensuring the reliability and performance of all systems, including plumbing, HVAC, civil infrastructure, and housekeeping operations, while maintaining a safe and high-quality environment.

Project Scope

- Routine inspection and maintenance of plumbing systems, including restrooms, pipelines, and drainage systems, with immediate repair of minor issues.
- Monitoring and maintenance of HVAC systems, including air quality control and refrigerant management.
- Civil maintenance covering roofing and structural inspections, with detection and repair of minor defects.
- Housekeeping and sanitation using eco-friendly cleaning solutions across all areas.
- Restocking of essential supplies and maintaining cleanliness across facilities.

Impact & Value

- Ensured consistent, high-standard facility operations and system reliability.
- Improved safety, cleanliness, and overall user experience across all areas.
- Reduced operational risks through proactive maintenance and monitoring.
- Supported long-term performance and sustainability of the club's infrastructure.



OPERATION, MAINTENANCE, AND CLEANING OF AL HILAL CLUB.

Description

FGC delivered landscaping and planting services across Al Hilal Club, focusing on enhancing green spaces, maintaining plant health, and ensuring well-maintained outdoor environments.

Project Scope

- Landscaping and planting across garden areas within the club.
- Application of organic pesticides to address minor infestations.
- Fertilization of garden areas to support plant growth and health.
- Routine maintenance of pathways, including debris removal and leveling.

Impact & Value

- Improved overall appearance and quality of landscaped areas.
- Enhanced plant health and long-term sustainability of green spaces.
- Created safer and more accessible outdoor environments.
- Maintained a clean, organized, and visually appealing landscape.



CREATING WELL-MAINTAINED, HEALTHY, AND VISUALLY REFINED LANDSCAPES



02

ROYAL COMMISSION FOR RIYADH CITY

PLANT NURSERIES AND AGRICULTURE – ROYAL COMMISSION FOR RIYADH CITY

Description

FGC delivered comprehensive agricultural and landscaping services across nurseries and Al Thumama Park, focusing on maintaining green spaces, optimizing irrigation systems, and ensuring long-term plant health and landscape quality.

Project Scope

- Maintenance of green spaces, including mowing, weed removal, and irrigation monitoring.
- Soil preparation and fertilization using organic and compound fertilizers.
- Implementation of plant care programs and agricultural enhancements.
- Pest and disease control through preventive and curative treatments.
- Ongoing monitoring of plant health and environmental conditions.

Impact & Value

- Enhanced the quality and sustainability of green spaces across the park.
- Improved plant health, growth, and long-term landscape performance.
- Ensured efficient irrigation and resource management.
- Delivered a well-maintained, visually appealing, and sustainable environment.

الهيئة الملكية لمدينة الرياض
ROYAL COMMISSION FOR RIYADH CITY



PLANT NURSERIES AND AGRICULTURE – ROYAL COMMISSION FOR RIYADH CITY

Description

FGC delivered plant care and maintenance services across landscaped areas, focusing on promoting healthy growth, maintaining visual quality, and ensuring the long-term sustainability of plant environments.

Project Scope

- Monitoring plant health and maintaining overall appearance.
- Replacing weak or damaged plants where required.
- Planting seasonal flowers and new vegetation as needed.
- Pruning, shaping, and removing damaged or unwanted growth.
- Supporting plant growth using structural supports for stability.

Impact & Value

- Improved plant health and ensured consistent landscape quality.
- Maintained visually appealing and well-structured green spaces.
- Supported sustainable plant growth and long-term maintenance.
- Enhanced the overall aesthetic and environmental value of the area.



OPERATION, MAINTENANCE, AND CLEANING OF RCRC FACILITIES

Description

FGC delivered full operation, maintenance, and cleaning services for the Royal Commission for Riyadh City's main administrative building and central plant nursery, ensuring reliable infrastructure, uninterrupted services, and a well-maintained environment across all facility systems.

Project Scope

- Operation and maintenance of administrative building facilities and supporting infrastructure.
- Management of electrical systems, including transformers, panels, and backup generators.
- Maintenance of HVAC systems, including central cooling, standalone units, and ventilation systems.
- Water, plumbing, and firefighting system maintenance, including irrigation and sewage systems.
- Elevator operations and maintenance across multiple units.
- Monitoring and control systems, including surveillance, fire alarms, and safety systems.
- Maintenance of specialized meeting rooms with integrated audio-visual systems.
- Housekeeping and cleaning services across all facility areas.

Impact & Value

- Ensured reliable, uninterrupted operation of critical facility systems
- Maintained high standards of safety, efficiency, and daily performance
- Enhanced infrastructure performance across HVAC, electrical, plumbing, and safety systems
- Delivered a clean, well-managed, and fully operational environment



OPERATION, MAINTENANCE, AND CLEANING OF RCRC FACILITIES

Description

FGC delivered comprehensive hard services maintenance across RCRC facilities, focusing on ensuring the reliability, safety, and performance of electrical and HVAC systems through continuous monitoring and preventive maintenance.

Project Scope

- Maintenance and monitoring of electrical systems, including panels, transformers, breakers, and lighting systems.
- Inspection and upkeep of electrical infrastructure, cables, grounding systems, and safety systems.
- Operation and maintenance of HVAC systems, including cooling stations, air units, and ventilation systems.
- Routine monitoring of air quality, temperature control, and equipment performance
- Preventive and periodic maintenance of equipment, including cleaning and system checks.
- Seasonal maintenance programs, including water treatment and comprehensive system inspections.

Impact & Value

- Ensured reliable performance and uninterrupted operation of critical electrical and HVAC systems.
- Improved system efficiency, safety, and long-term operational stability.
- Reduced risks through proactive monitoring and preventive maintenance.
- Maintained optimal environmental conditions across all facilities.



OPERATION, MAINTENANCE, AND CLEANING OF RCRC FACILITIES

Description

FGC delivered comprehensive maintenance services across RCRC facilities, covering sanitary, firefighting, specialized systems, and vertical transportation, ensuring safety, reliability, and operational efficiency across all infrastructure.

Project Scope

- Maintenance of sanitary systems, including pumps, water heaters, drainage systems, and water treatment systems.
- Upkeep of water and sewage networks, including cleaning, disinfection, and inspections
- Firefighting systems maintenance, including pumps, extinguishers, detectors, and control panels.
- Maintenance of systems in lecture halls and meeting rooms, including sound, lighting, and specialized systems.
- Elevator maintenance, including operational checks, safety systems, and performance monitoring.
- Routine inspections and preventive maintenance aligned with safety and operational standards.

Impact & Value

- Ensured safe and reliable operation of critical facility systems.
- Improved system performance and reduced operational risks.
- Maintained high safety standards across firefighting and elevator systems.
- Supported uninterrupted facility operations and user safety.

الهيئة الملكية لمدينة الرياض
ROYAL COMMISSION FOR RIYADH CITY



ENSURING PERFORMANCE, SAFETY, AND CONTINUOUS SYSTEM RELIABILITY



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ROYAL COMMISSION FOR RIYADH CITY



INTEGRATED HARD AND SOFT SERVICES DELIVERY

Description

The project combined comprehensive hard and soft services under one operational framework, ensuring that building systems, public spaces, and user environments were continuously maintained to a high standard.

Project Scope

- Hard services covering electrical, mechanical, HVAC, plumbing, firefighting, elevators, security barriers, and central systems.
- Preventive and corrective maintenance across architectural, civil, and utility infrastructure.
- Soft services including internal and external cleaning, public realm cleaning, waste handling, sanitation, pest control, and landscape-related upkeep.
- Specialist support for security systems, building management systems, telephone systems, and subcontracted technical services where needed.

Impact & Value

- Maintained the performance and reliability of critical systems and infrastructure.
- Supported safe, clean, and efficient environments across buildings and public areas.
- Reduced operational disruption through proactive maintenance and continuous monitoring.

INTEGRATED HARD AND SOFT SERVICES DELIVERY

Description

Beyond routine maintenance, the project required a coordinated operational model capable of supporting heritage-sensitive environments, public-facing spaces, and complex daily usage patterns across the Royal Justice Palace network.

Project Scope

- Management of heritage structures, architectural finishes, stonework, public plazas, and civic landmarks.
- Support for high-footfall and mixed-use spaces including prayer halls, offices, markets, libraries, courtyards, and squares.
- Maintenance of presentation, accessibility, environmental conditions, and service readiness across all locations.
- 24/7 response capability for urgent repairs, system faults, and operational needs.

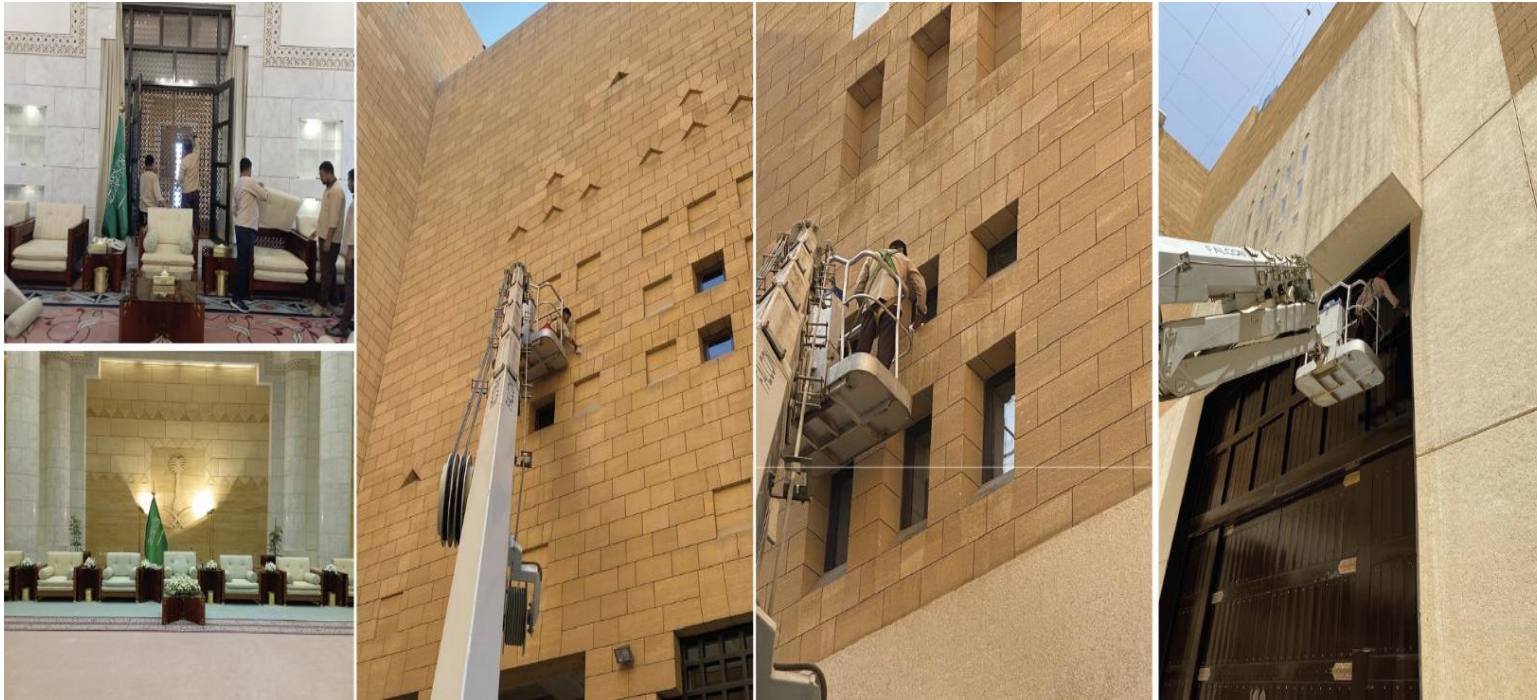
Impact & Value

- Strengthened the long-term preservation and operational readiness of culturally significant assets.
- Improved user experience through cleaner, safer, and better-maintained spaces.
- Demonstrated FGC's ability to manage complex, multi-layered environments at scale.

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ENSURING PERFORMANCE, SAFETY, AND CONTINUOUS SYSTEM RELIABILITY



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ROYAL COMMISSION FOR RIYADH CITY



03

MINISTRY OF HEALTH

MEDICAL MAINTENANCE AT KING FAHAD SPECIALIST HOSPITAL

Description

FGC provides 24/7 biomedical engineering support at King Fahad Specialist Hospital, managing over 6,000 medical devices across a 500-bed facility to ensure safe, reliable, and uninterrupted clinical operations.

Project Scope

- Round-the-clock biomedical engineering support.
- Equipment lifecycle management including inventory, inspection, and acquisition.
- Preventive maintenance and emergency repair response.
- Testing, calibration, and safety assurance of medical equipment.
- Training support and handling of hazard notification.

Impact & Value

- Ensured continuous, high-performance operation of over 6,000 critical medical devices, supporting safe and dependable clinical services.
- Minimized downtime and extended equipment lifespan through proactive and preventive maintenance practices.
- Improved operational efficiency by optimizing asset performance and introducing cloud-based maintenance solutions.

MEDICAL MAINTENANCE AND SERVICES IN TABUK AREA

Description

FGC delivers integrated biomedical, environmental, and janitorial services across multiple healthcare facilities in the Tabuk region, supporting hospitals and mobile units to maintain safe, hygienic, and fully operational healthcare environments.

Project Scope

- Management of services across multiple hospitals and mobile healthcare units.
- 24/7 biomedical engineering support across facilities.
- Cleaning, sanitation, and waste handling operations.
- Equipment inspection, maintenance, and calibration.
- Quality monitoring to ensure compliance with healthcare standards.

Impact & Value

- Maintained consistent hygiene, safety, and operational standards across all facilities.
- Supported reliable healthcare delivery through well-maintained equipment and environments.
- Enabled scalable service delivery across a geographically distributed healthcare network.

10

CERTIFICATES AND DOCUMENTS



As an active Corporate Member of the British Institute of Cleaning Science (BICSc), we stay aligned with the latest industry standards, continuously adapting advanced cleaning and maintenance practices across our operations.

CERTIFICATES



CERTIFICATES





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Thank You