

BLACK RANK



Engineering Power.
Shaping Industries. Defining the Future.

BLACK RANK
For Maintenance & Energy Services

About Us

Black Rank stands at the forefront of engineering and industrial innovation, delivering world-class EPC, O&M, and smart solutions across the energy, infrastructure, heavy industries, and digital transformation sectors. Founded in 2011 as Integrated Systems and rebranded in 2025, Black Rank reflects a bold vision to redefine industrial excellence and sustainable growth across the MENA region and global markets. With over 14 years of regional expertise, strong global partnerships, and a commitment to state-of-the-art technologies, Black Rank consistently delivers value-driven, future-proof solutions tailored to meet the evolving demands of the modern world.

We ARE

An engineering powerhouse driving technological advancement and industrial excellence.

Our Vision

To be the driving force behind the smart, sustainable, and technological transformation of the energy and industrial sectors.

Our Mission

To provide integrated engineering, construction, and operational solutions that surpass global benchmarks, creating sustainable value for our clients, stakeholders, and communities.

Our Values

>> Excellence.

>> Sustainability.

>> Innovation.

>> Integrity.

>> Commitment.

Core Business Sectors

Energy & Renewable Energy Sector	Smart Cities & Real Estate Sector	Thermal Insulation & Industrial Cooling Sector
Automation & Digital Transformation Sector	Mechanical Works & Industrial Fabrication Sector	Defense & Security Solutions Sector
Heavy Industries & Petrochemicals Sector	Construction & Engineering (EPC) Sector	Water & Environmental Solutions Sector
Industrial Inspection & Testing Sector	Smart Transportation Sector	Oil & Gas Services Sector

Core Services Overview

Power Plant Design & Construction (Thermal, Gas, Steam)

Renewable Energy Systems (Solar, Wind, Hybrid)

Smart Grid Development & Energy Audits

EPC Turnkey Project Management

Mechanical Fabrication & Installation

Automation Systems Integration (PLC, SCADA, DCS)

IIoT Solutions & Industrial Cybersecurity

Smart Mobility & EV Infrastructure

Smart City Development

Heavy Industries Mechanical Works

NDT, Welding Inspection & Heat Treatment

Thermal & Acoustic Insulation Solutions

Industrial Cooling Systems

Security Infrastructure & Surveillance

Water Treatment & Environmental Solutions

Oil & Gas EPC Services & Pipeline Construction

Our Field Expertise

>>Solar Energy Systems.



Installation of industrial-grade photovoltaic solar panels ensuring clean and sustainable energy.

>> Power Plant Maintenance & Repairs.



On-site repair and retrofitting works to restore peak operational efficiency for large-scale power plants.

>> Advanced Alloy Steel Pipe Welding & Heat Treatment.

Execution of certified welding services for P11 and P22 alloy steel piping systems, performed by qualified welders following ASME IX and API 1104 standards. Utilizing GTAW (TIG) and SMAW processes, the weld joints are precisely controlled to ensure mechanical strength, corrosion resistance, and durability under high-temperature and high-pressure environments. Post Weld Heat Treatment (PWHT) is meticulously applied to relieve residual stresses and to enhance the structural integrity of the welded components, ensuring long-term reliability in critical power generation and petrochemical applications.

>> Industrial Thermal & Acoustic Insulation Solutions.

Provision of advanced thermal and acoustic insulation solutions for piping, tanks, and industrial equipment, ensuring energy efficiency, operational safety, and compliance with international fire-resistance standards.

Previous Projects

Black Rank has delivered complex projects across Saudi Arabia and Egypt, serving government, industrial, and commercial clients in the fields of security, infrastructure, and energy.

Client: Etihad Atheeb Telecom Company

Scope: Networks & Security Systems

Location: Saudi Arabia

Client: HAFIL

Scope: Networks & Security Systems

Location: Saudi Arabia

Client: EL-KHAYYAT RED BRICKS FACTORIES

Scope: Networks & Security Systems

Location: Saudi Arabia

Client: SAUDI BINLADIN GROUP

Scope: Networks & Security Systems

Location: Saudi Arabia

Client: ROOTS GROUP

Scope: Security Systems

Location: Saudi Arabia

Client: Al Muhaidib Contracting

Scope: Security Systems

Location: Saudi Arabia

Client: Saudi Aramco

Scope: Security Systems

Location: Saudi Arabia

Client: Egyptian Armed Forces

Scope: Security Systems

Location: Egypt

Client: Chamber of Commerce Dakahlia Governorate

Scope: Security Systems

Location: Egypt

Client: PALM CITY

Scope: Security Systems

Location: Egypt

Client: AL MASOOD AUTOMOBILES

Scope: Security Systems

Location: Egypt

Client: European Countryside Resort

Scope: Networks & Security Systems

Location: Egypt

Client: El Magd Contracting

Scope: Egypt's Future Sustainable Agriculture Project in Beni Suef and Minya – Supply and Installation of Pipes

Location: Beni Suef & Minya

Details: Welding pipeline and hydro testing.

Client: Horas for Petroleum Services and Maintenance Work

Scope: Modification and welding works on pipe systems

Location: New Capital & Beni Suef Power Stations – Egypt

Details:

- **Modification of pipe for steam turbine lube oil cooler**
- **Implemented double isolation**
- **Installed stainless-steel frame for cooling tower waterfall**
- **Modification Header LBH & MAL**
- **Replacing alloy valve**
- **Isolation and pressure tests**

Competitive Advantages

14+ Years of Industry Expertise Strategic Global Partnerships Certified Quality & Safety Standards End-to-End Turnkey Solutions Cutting-Edge Technology Implementation.

Markets We Serve

- >> Energy & Power.
- >> Oil & Gas.
- >> Petrochemicals.
- >> Manufacturing & Heavy Industries.
- >> Transportation & Infrastructure.
- >> Smart Cities.
- >> Defense & Security.

CSR & Sustainability Commitment

Black Rank actively supports environmental initiatives, renewable energy adoption, water conservation projects, and community development programs, reinforcing its commitment to sustainable industrial progress.

Key Clients & Partners

- >> Leading Energy & Oil Majors.
- >> Industrial Giants in Egypt & MENA.
- >> Government Authorities.



Leadership Message

At Black Rank, we don't just execute projects—we pioneer progress. In partnership with our clients, we are engineering a future that is smarter, greener, and built to last.

A. Abou Elhassan

Eng. Adel Abou Elhassan

Co-Founder & CEO

Black Rank

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