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HVAC & REFRIGERATION MANAGEMENT PROFILE.

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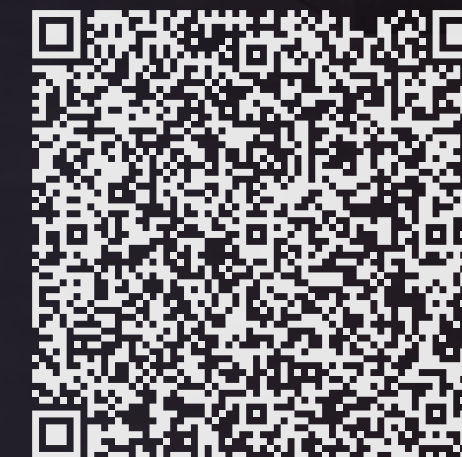
شركة تكنولوجيا الهواء المحدودة
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المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

Powering Sustainable Engineering Solutions

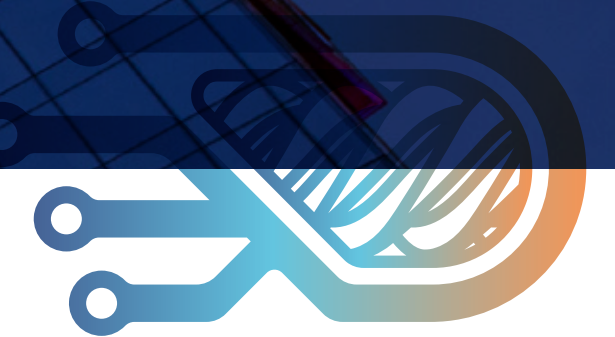
Driving efficiency, innovation, and operational excellence across industrial and commercial sectors.

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About ATLCO



Established to serve the growing demand for advanced engineering solutions in the Kingdom of Saudi Arabia, Air Technology Limited Co. (ATLCO) is a specialized engineering solutions provider focused on air and gas management systems.

Operating from Saudi Arabia with an expanding regional footprint, ATLCO delivers integrated engineering solutions across HVAC systems, industrial compressed air technologies, air treatment systems, vacuum solutions, and on site gas generation.

Our approach combines engineering precision, operational efficiency, and structured project execution ensuring quality delivery, regulatory compliance, and long term system performance across industrial, commercial, and institutional sectors.



Chairman's Word

At ATLCO, engineering means responsibility and precision.

We are committed to delivering reliable, high performance solutions that enhance operational continuity and support sustainable growth in the Kingdom of Saudi Arabia.

Through expertise, structured execution, and uncompromised quality, we strive to be a trusted long term partner to our clients.



Vision

To be a leading engineering solutions provider in air and gas management systems across the Kingdom of Saudi Arabia and the region recognized for technical excellence, reliability, and sustainable performance.

Mission

To deliver integrated, high efficiency air and gas solutions that enhance operational performance, ensure system reliability, and support long term business continuity through engineering expertise, quality execution, and strong client partnerships.

Core Values



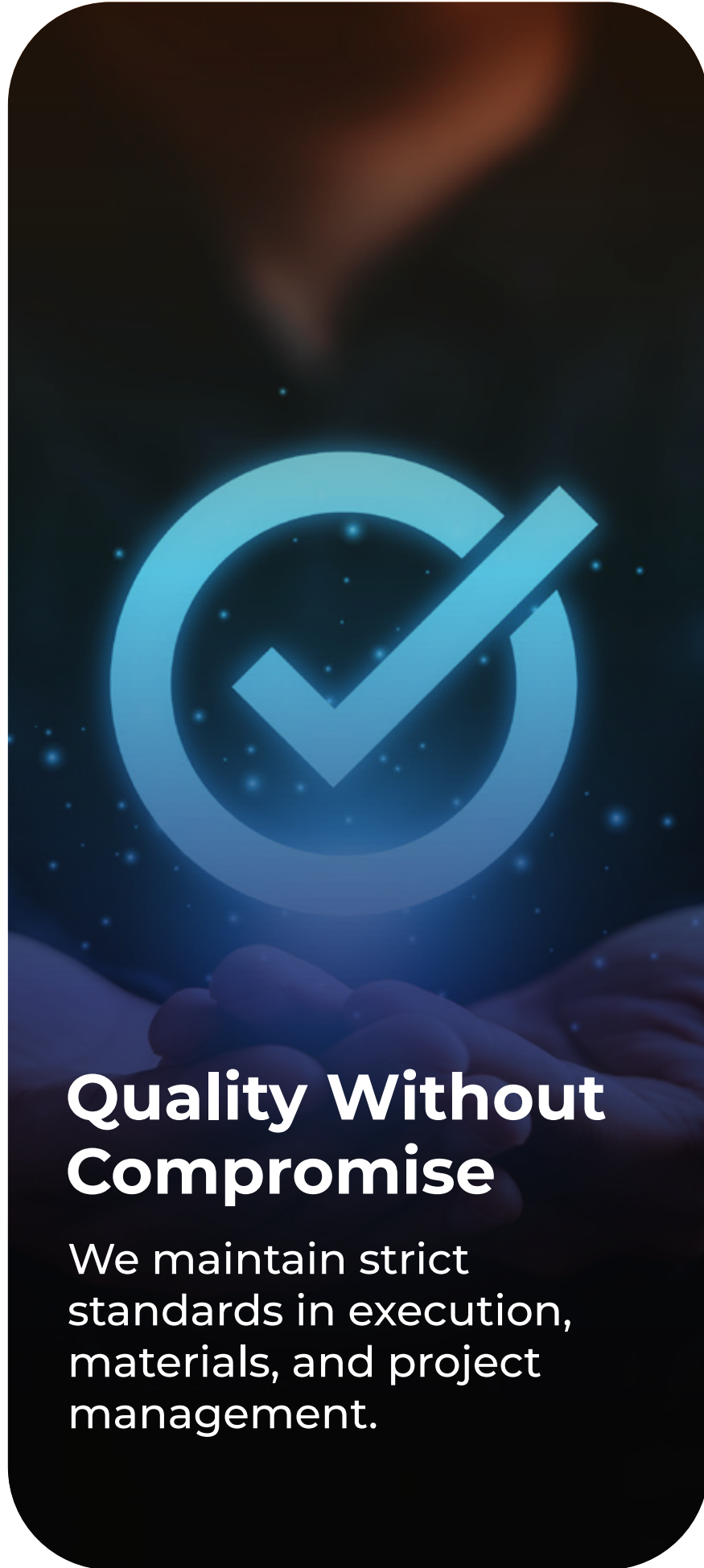
Engineering Excellence

We apply precision, expertise, and technical depth in every system we design and deliver.



Reliability & Performance

We build solutions that ensure operational continuity and long-term system efficiency.



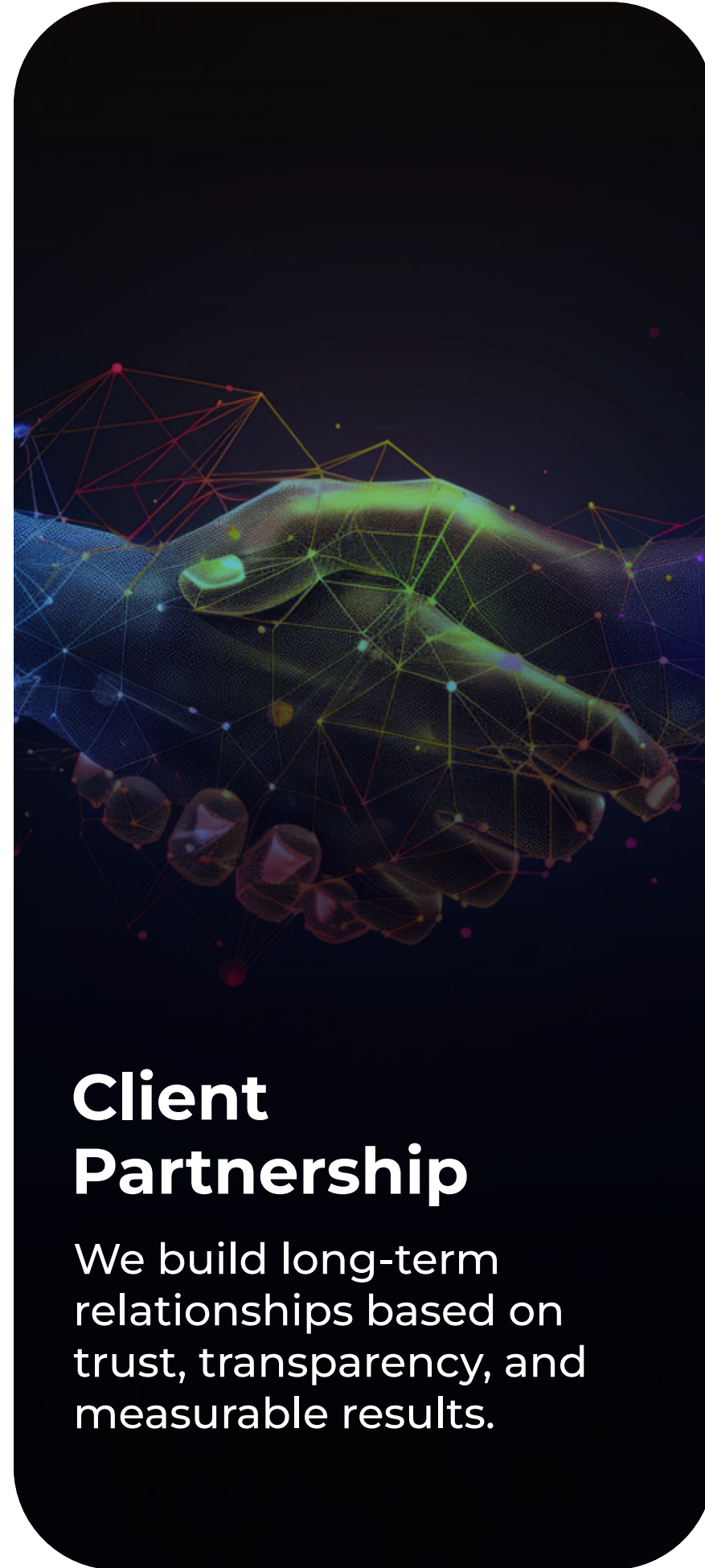
Quality Without Compromise

We maintain strict standards in execution, materials, and project management.



Safety & Responsibility

We operate with full commitment to health, safety, and environmental compliance.



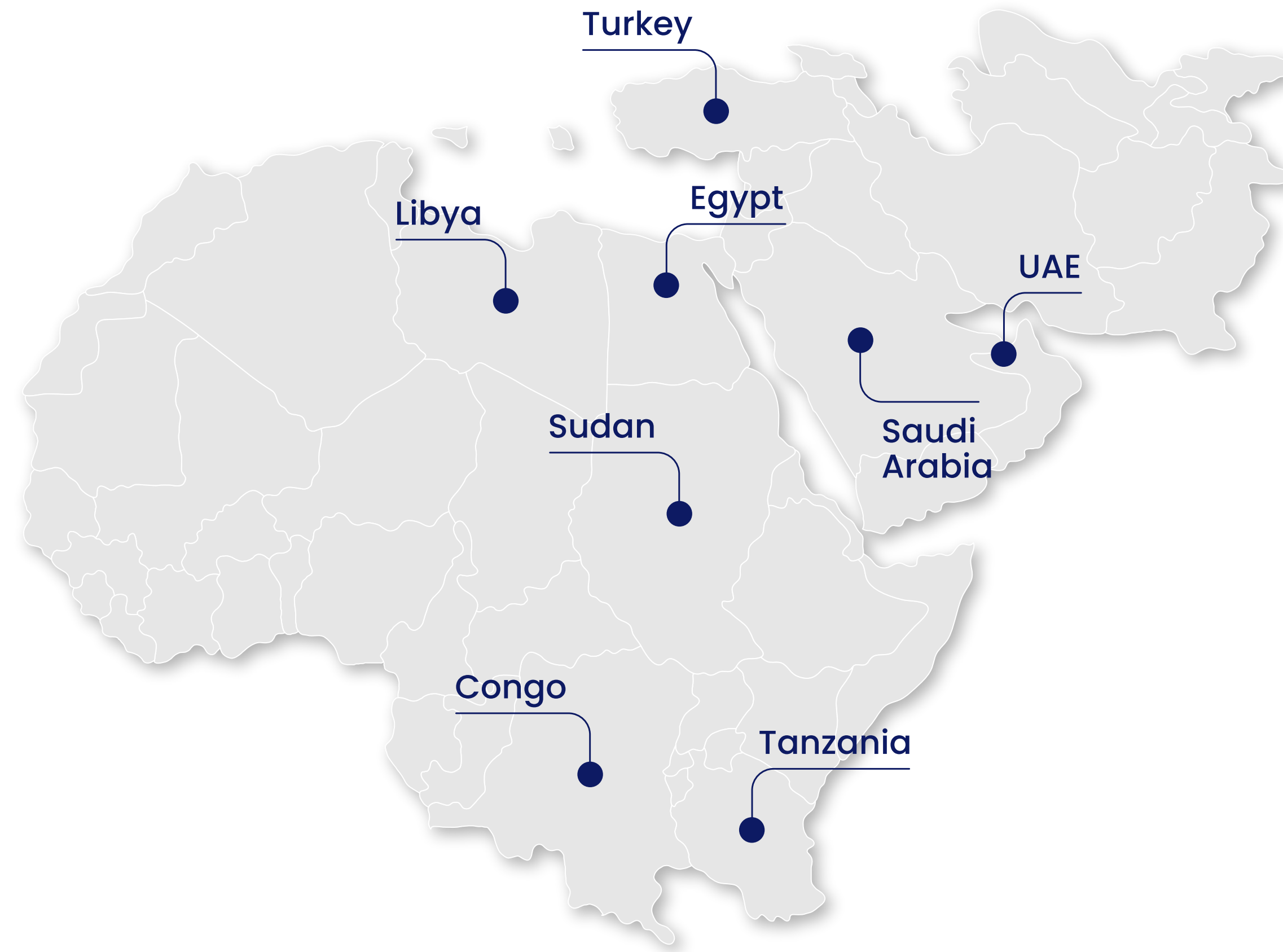
Client Partnership

We build long-term relationships based on trust, transparency, and measurable results.

Our Presence

Strategically based in the Kingdom of Saudi Arabia, ATLCO serves major industrial and commercial sectors across the region.

Primary Market: Saudi Arabia | Regional Footprint: Egypt, Sudan, Turkey, Congo, Libya, Tanzania, UAE
Delivering unified engineering standards with strong local execution.



Capabilities

At ATLCO, our engineering strength lies in delivering fully integrated air and gas management solutions through structured methodologies and specialized technical expertise.

Our capabilities include:

Engineering Design & System Integration

Comprehensive system studies, load calculations, and optimized solution design tailored to each project's operational requirements.

Professional Installation & Commissioning

Structured execution with certified engineers and skilled technicians ensuring accurate installation and reliable system startup.

Testing, Balancing & Performance Verification

Operation, diagnosis, verification, lifecycle support, system calibration, and performance verification to ensure operational efficiency and compliance.

Preventive & Corrective Maintenance

Planned maintenance programs and rapid response services designed to minimize downtime and extend asset lifespan.

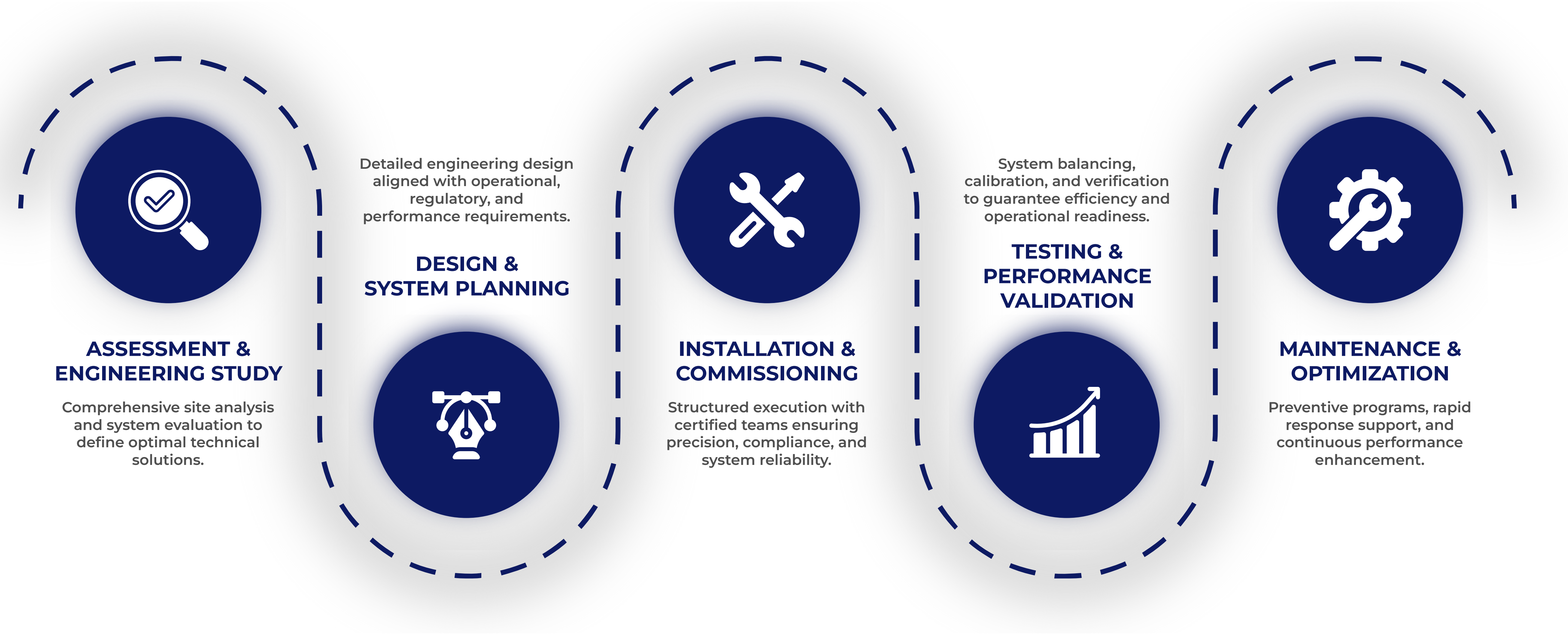
Retrofit & System Optimization

Upgrading existing systems to enhance performance, improve energy efficiency, and meet evolving operational demands.

Energy Efficiency & Operational Optimization

Engineering driven solutions aimed at reducing energy consumption while maintaining peak system performance.

Our Operational Approach

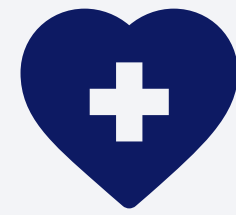


Sectors We Serve



Infrastructure Projects

Manufacturing plants and production facilities requiring reliable air and gas systems.



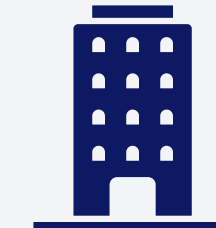
Healthcare sector

Hospitals and medical institutions demanding controlled HVAC and medical gas solutions.



Commercial Developments

Offices, retail centers, and mixed-use buildings requiring energy-efficient climate systems.



Hospitality Projects

Hotels and hospitality facilities requiring energy-efficient HVAC systems and controlled indoor environments.



Industrial Sector

Manufacturing plants and production facilities requiring reliable air and gas systems.



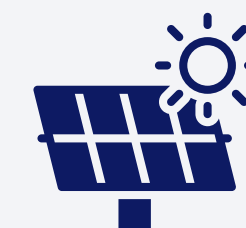
Logistics & Warehousing

Cold storage facilities and distribution centers.



Government & Public Sector

Administrative buildings and public facilities with high compliance standards.



Energy & Utilities

Energy facilities and utility-driven environments requiring robust cooling, compressed air, and system reliability.

Our HVAC Value

We deliver integrated HVAC solutions that go beyond installation generating lasting value through efficiency, environmental control, reliability, and lifecycle optimization.



Energy Optimization

Highly efficient systems to reduce energy and improve performance.



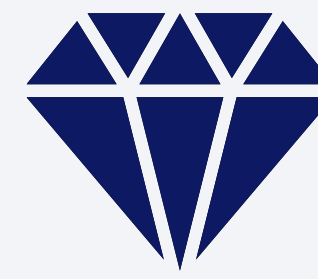
Healthy Indoor Environments

Advanced solutions to improve air quality, enhancing comfort and safety.



High Operational Reliability

Systems specifically designed to minimize downtime and ensure business continuity.



Long Term Asset Value

Adaptation solutions tailored to the system's lifecycle extend the life of the equipment.



HVAC & Refrigeration

ATLCO operates through two specialized engineering divisions designed to serve diverse industrial and commercial requirements:

01. HVAC & Refrigeration Division

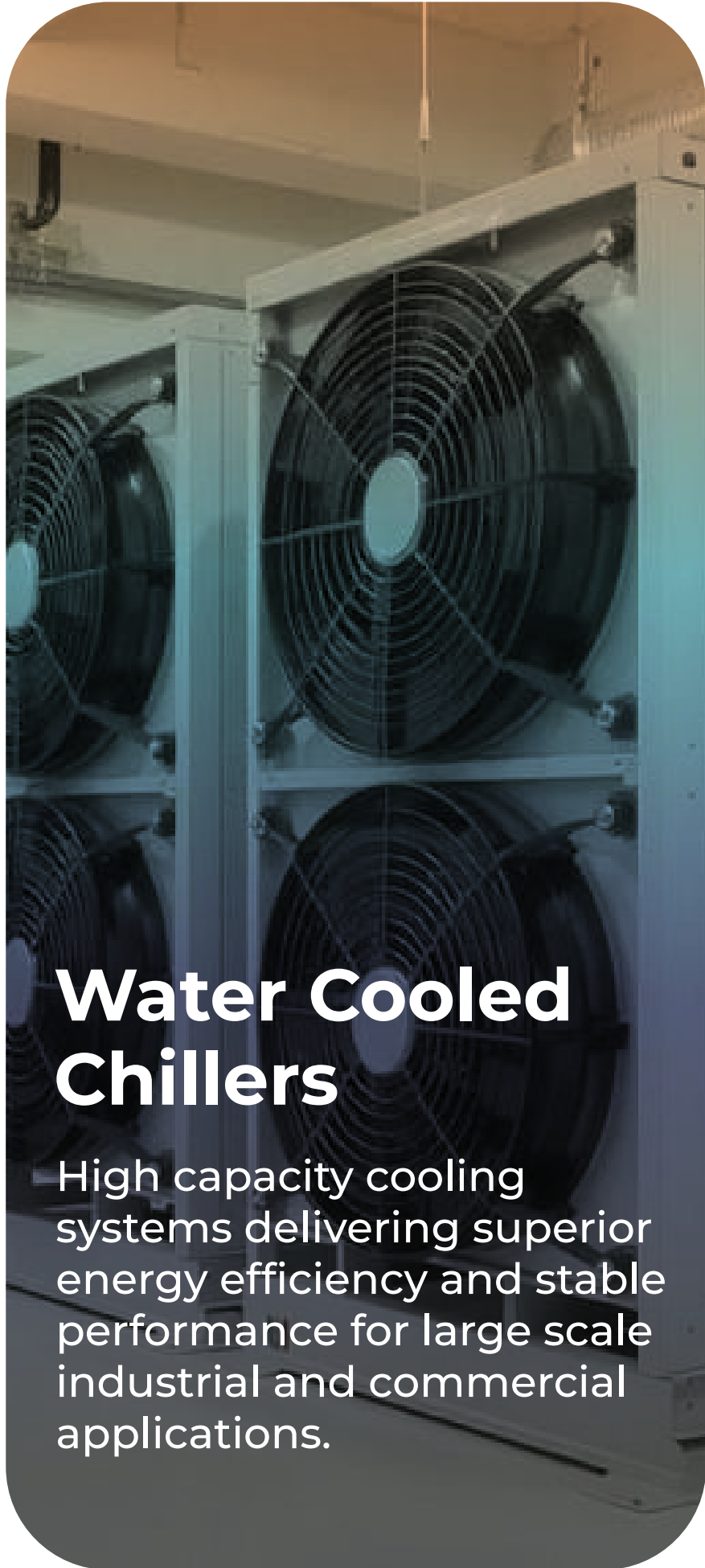
- a. Cooling Solutions*
- b. Ventilation & Air Distribution Solutions*
- c. Indoor Air Quality (IAQ) Solutions*
- d. Building Automation & HVAC Control*
- e. Refrigeration & Cold Storage Solutions*
- f. Testing, Balancing & Specialized Services*
- g. Maintenance & Service Contracts*

Cooling Solutions

A photograph of several large, industrial air-cooled chillers installed outdoors. The units are white with black condenser coils and fans. They are mounted on a metal frame. The background shows a clear sky and some distant buildings.

Air Cooled Chillers

Standalone cooling units designed for efficient heat rejection without the need for cooling towers, ideal for commercial and medium scale facilities.

A photograph of a large, industrial water-cooled chiller. It features a large, circular fan on the front and a metal grille. The unit is mounted on a metal frame. The background is a plain wall.

Water Cooled Chillers

High capacity cooling systems delivering superior energy efficiency and stable performance for large scale industrial and commercial applications.

A photograph of a large, industrial DX unit. It has a metal grille on the front and a cylindrical condenser coil on top. The unit is mounted on a metal frame. The background is a clear sky.

DX Units (Package & Split Systems)

Direct expansion systems providing compact, cost effective cooling solutions for small to mid sized facilities.

A photograph of a scroll chiller. It is a large, industrial unit with a metal grille on the front and a cylindrical condenser coil on top. The unit is mounted on a metal frame. The background is a clear sky.

Scroll Chillers

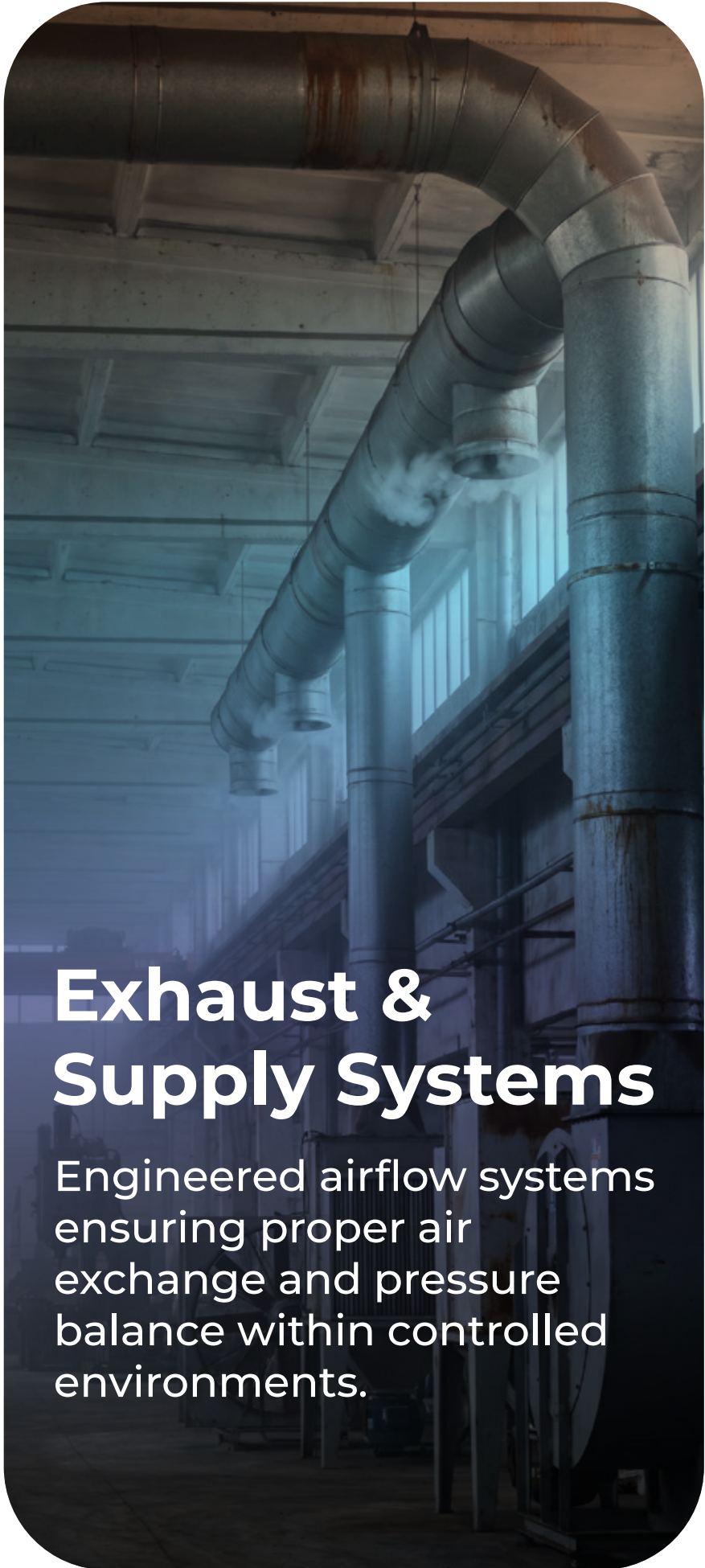
Reliable and low-noise cooling systems suitable for precise temperature control in commercial and healthcare environments.

A photograph of a centralized cooling plant. It features a large, industrial unit with a metal grille on the front and a cylindrical condenser coil on top. The unit is mounted on a metal frame. The background is a clear sky.

Centralized Cooling Plants

Integrated plant systems engineered for large developments, ensuring optimized load distribution and operational efficiency.

Ventilation & Air Distribution Solutions



Exhaust & Supply Systems

Engineered airflow systems ensuring proper air exchange and pressure balance within controlled environments.



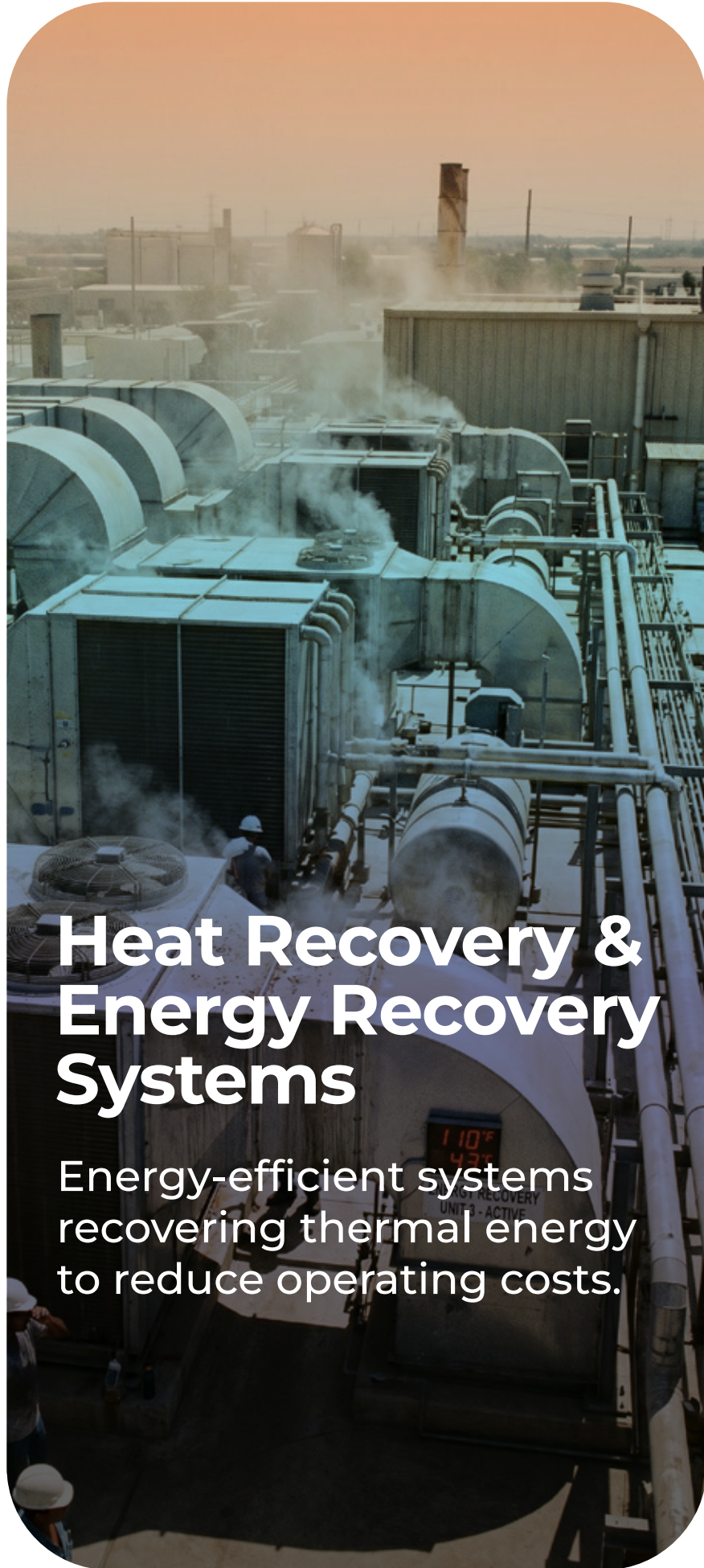
Air Handling Units (AHUs)

Central air processing units regulating temperature, humidity, and filtration for optimal indoor conditions.



Ductwork & Air Distribution Networks

Precision-designed duct systems delivering balanced airflow throughout facilities.



Heat Recovery & Energy Recovery Systems

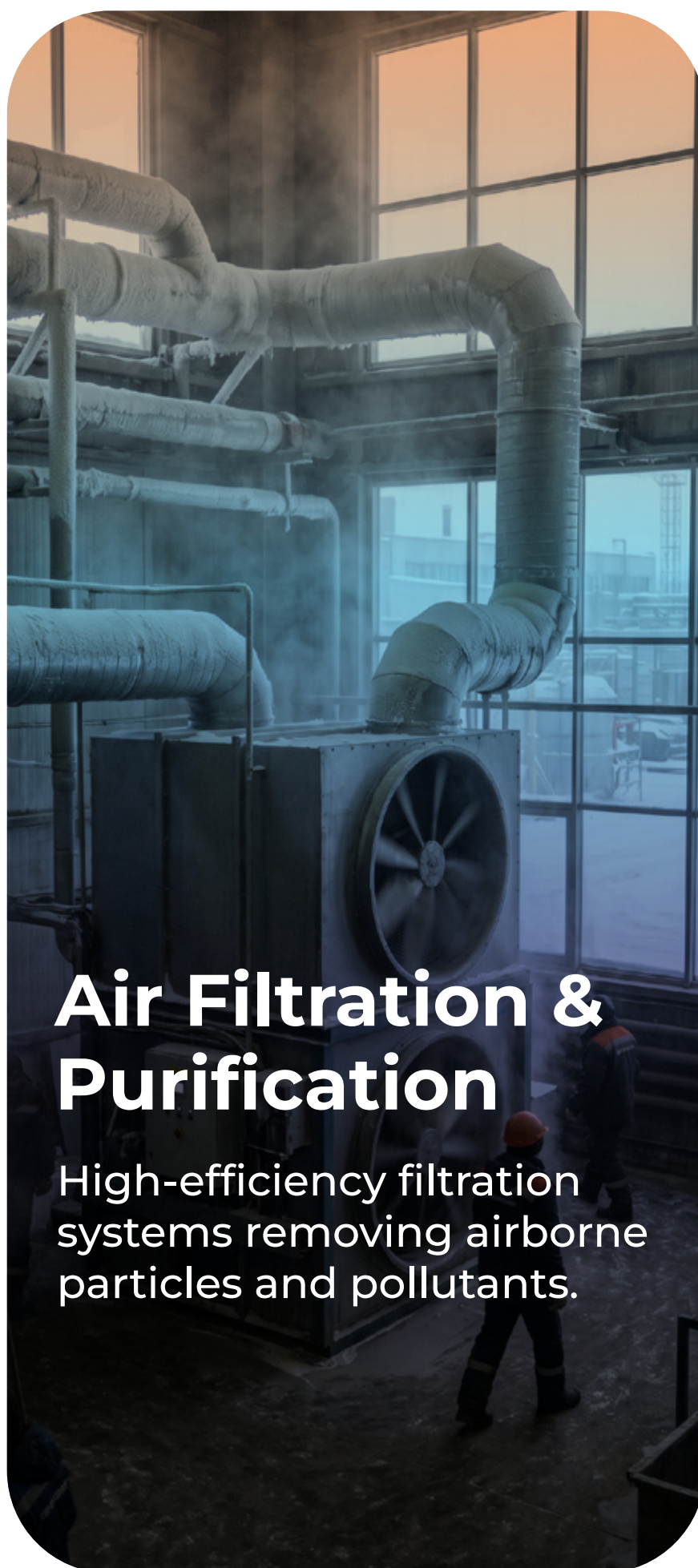
Energy-efficient systems recovering thermal energy to reduce operating costs.



Smoke Management & Pressurization

Safety systems designed to control smoke movement and protect evacuation routes.

Indoor Air Quality (IAQ) Solutions



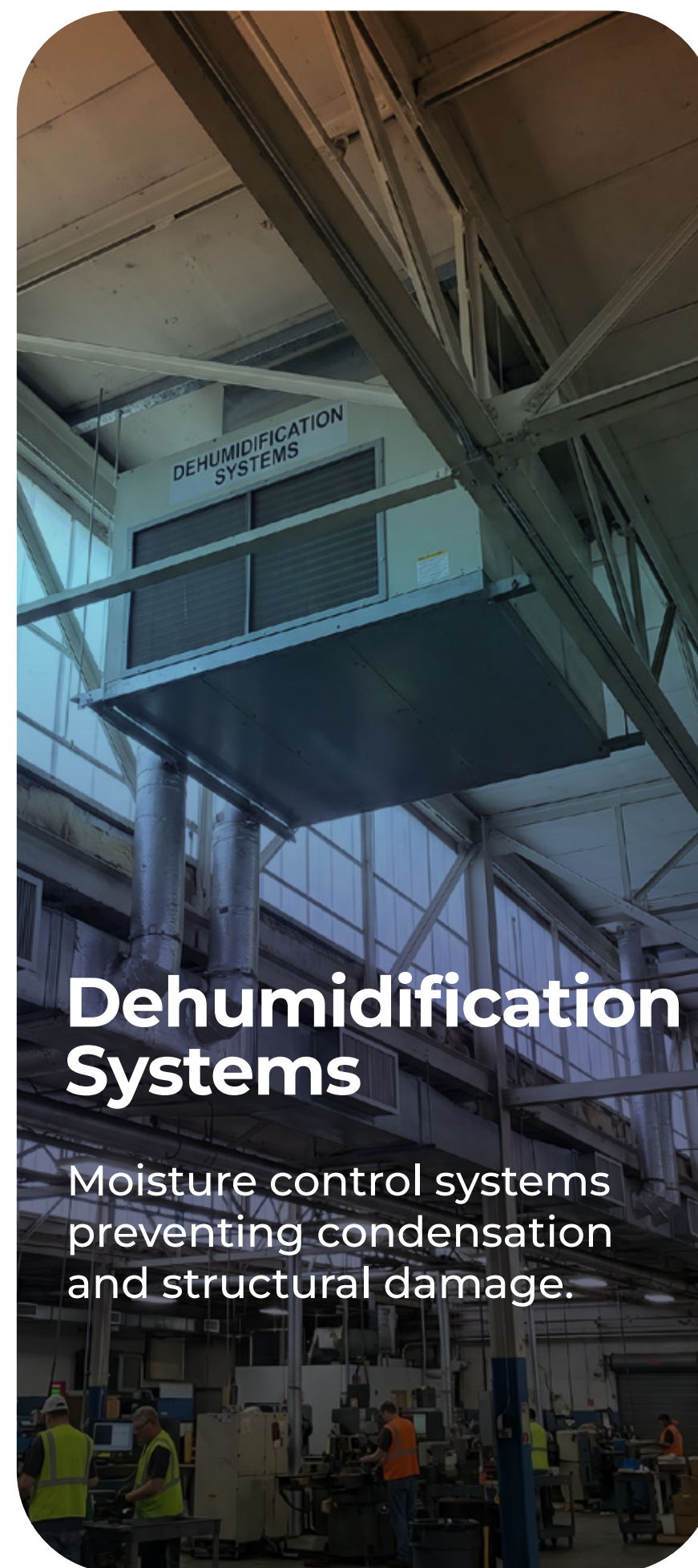
Air Filtration & Purification

High-efficiency filtration systems removing airborne particles and pollutants.



Humidification Systems

Solutions designed to maintain controlled moisture levels within indoor spaces.



Dehumidification Systems

Moisture control systems preventing condensation and structural damage.



Air Sanitization Systems

Technologies reducing airborne pathogens and enhancing environmental safety.



Fresh Air & Ventilation Control Systems

Systems ensuring regulated fresh air intake and compliance with ventilation standards.

Building Automation & HVAC Control



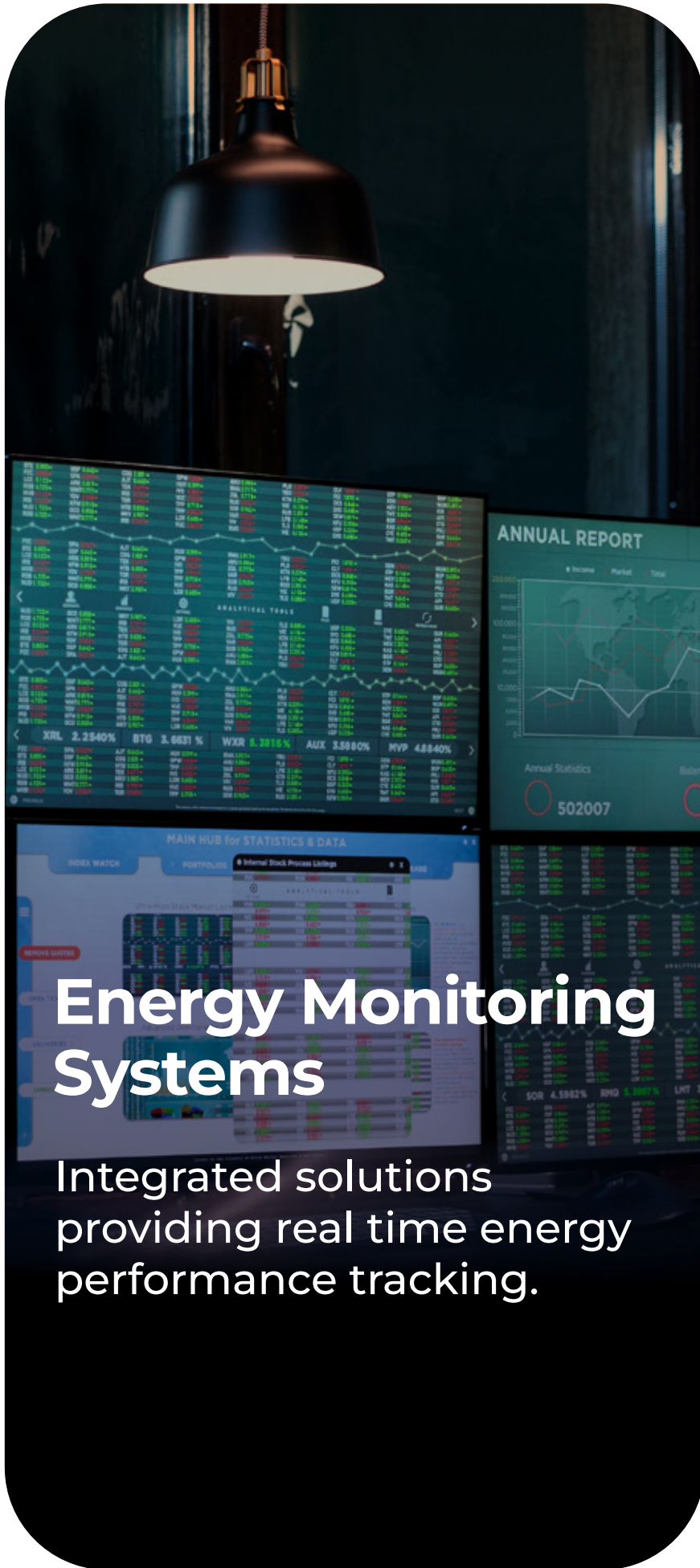
Building Management Systems (BMS)

Centralized platforms enabling real time monitoring and automation of HVAC operations.



HVAC Control Panels

Custom engineered panels ensuring precise regulation and safe system operation.



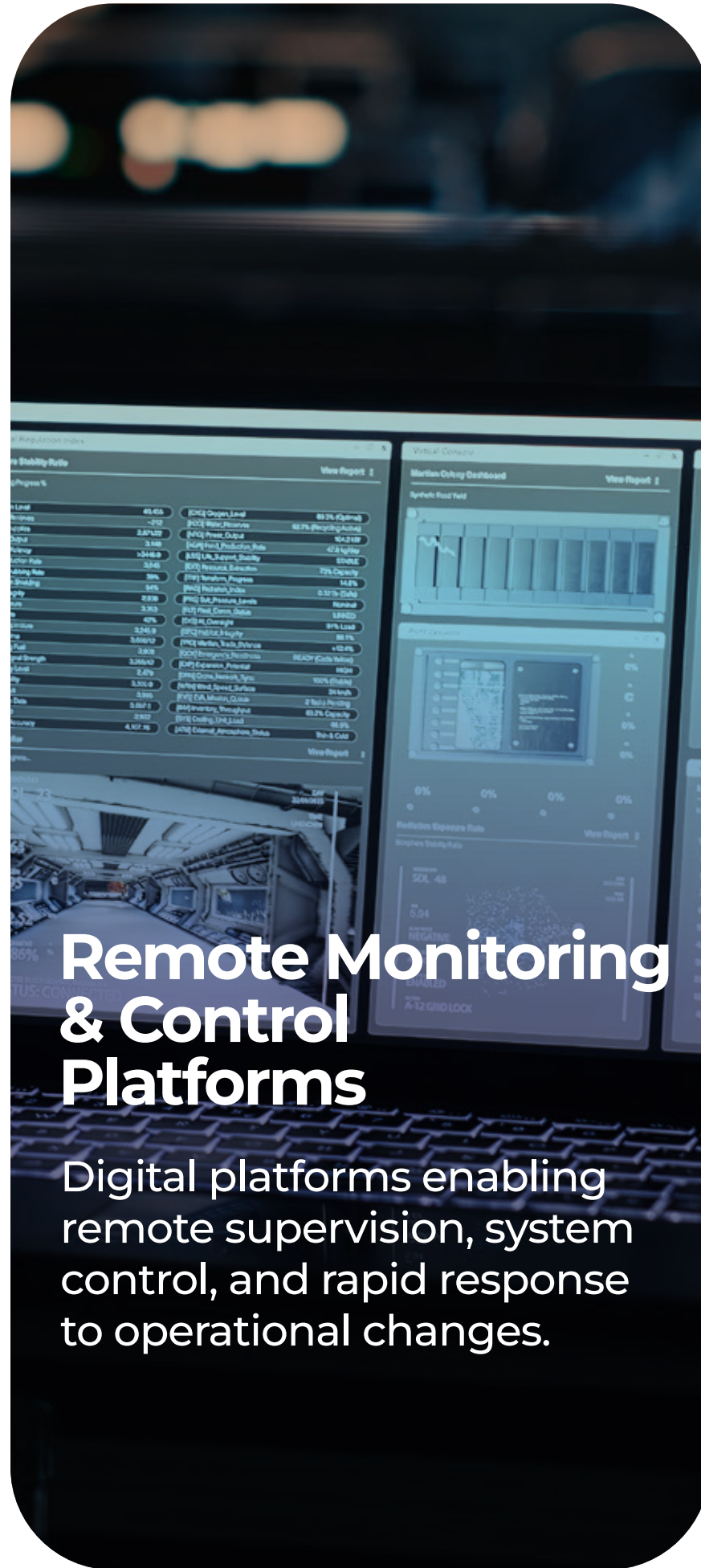
Energy Monitoring Systems

Integrated solutions providing real time energy performance tracking.



Smart Thermostatic Controls

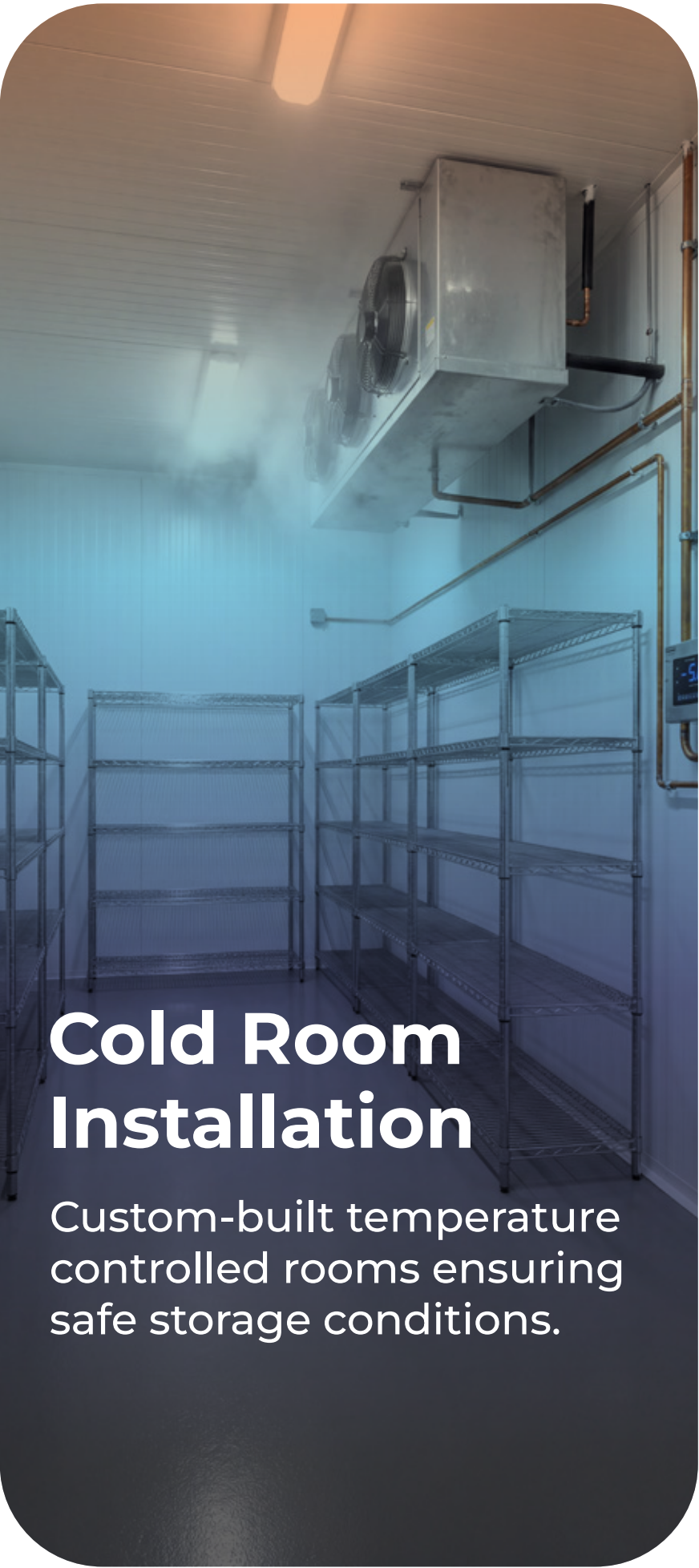
Intelligent temperature control devices enhancing comfort and efficiency.



Remote Monitoring & Control Platforms

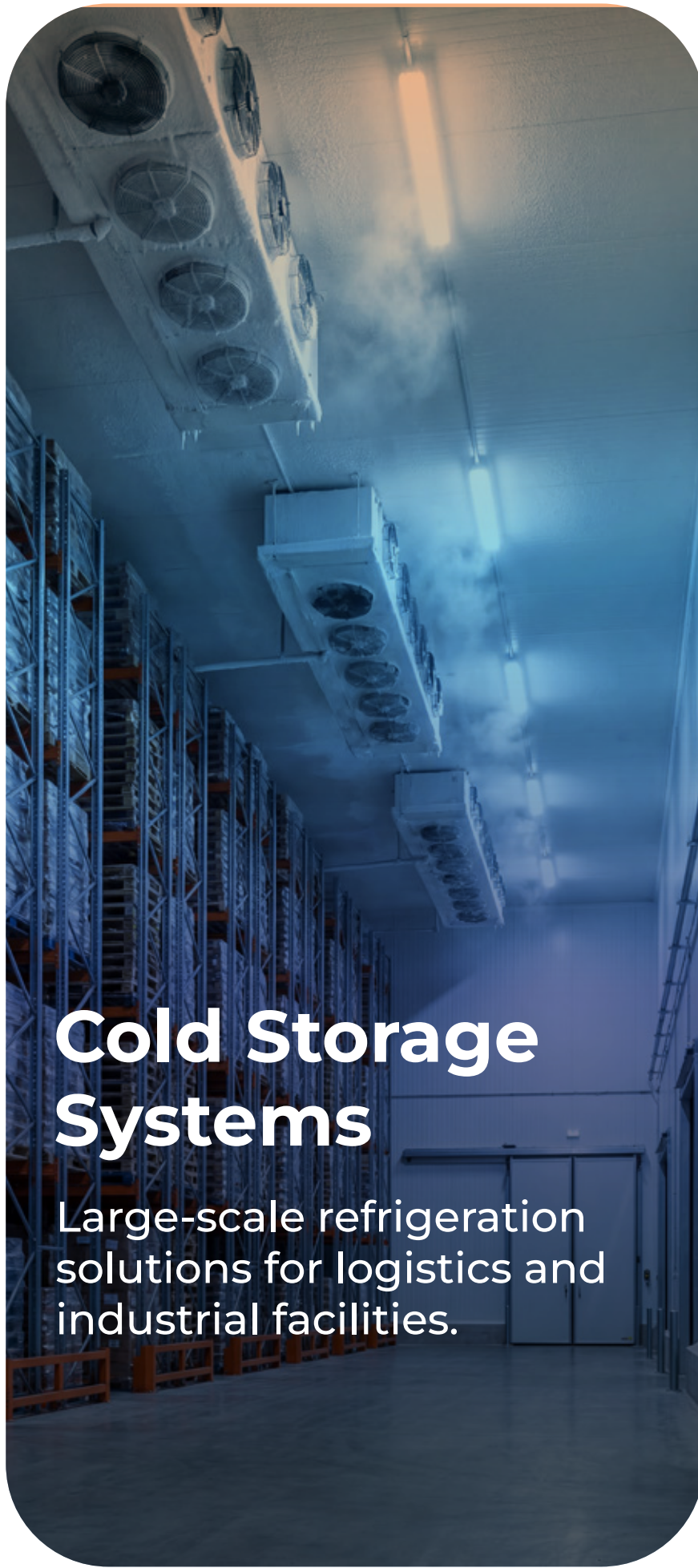
Digital platforms enabling remote supervision, system control, and rapid response to operational changes.

Refrigeration & Cold Storage Solutions

A photograph of a cold room interior with metal shelving units and a refrigeration unit mounted on the ceiling.

Cold Room Installation

Custom-built temperature controlled rooms ensuring safe storage conditions.

A photograph of a large-scale cold storage facility with high ceilings and industrial shelving.

Cold Storage Systems

Large-scale refrigeration solutions for logistics and industrial facilities.

A photograph of a clean room environment with workers in white protective suits and masks.

Clean Room

Controlled environment systems designed to maintain temperature, humidity, air cleanliness, and pressure balance for sensitive operations.

A photograph of industrial freezing equipment with pipes and machinery.

Industrial Freezing Systems

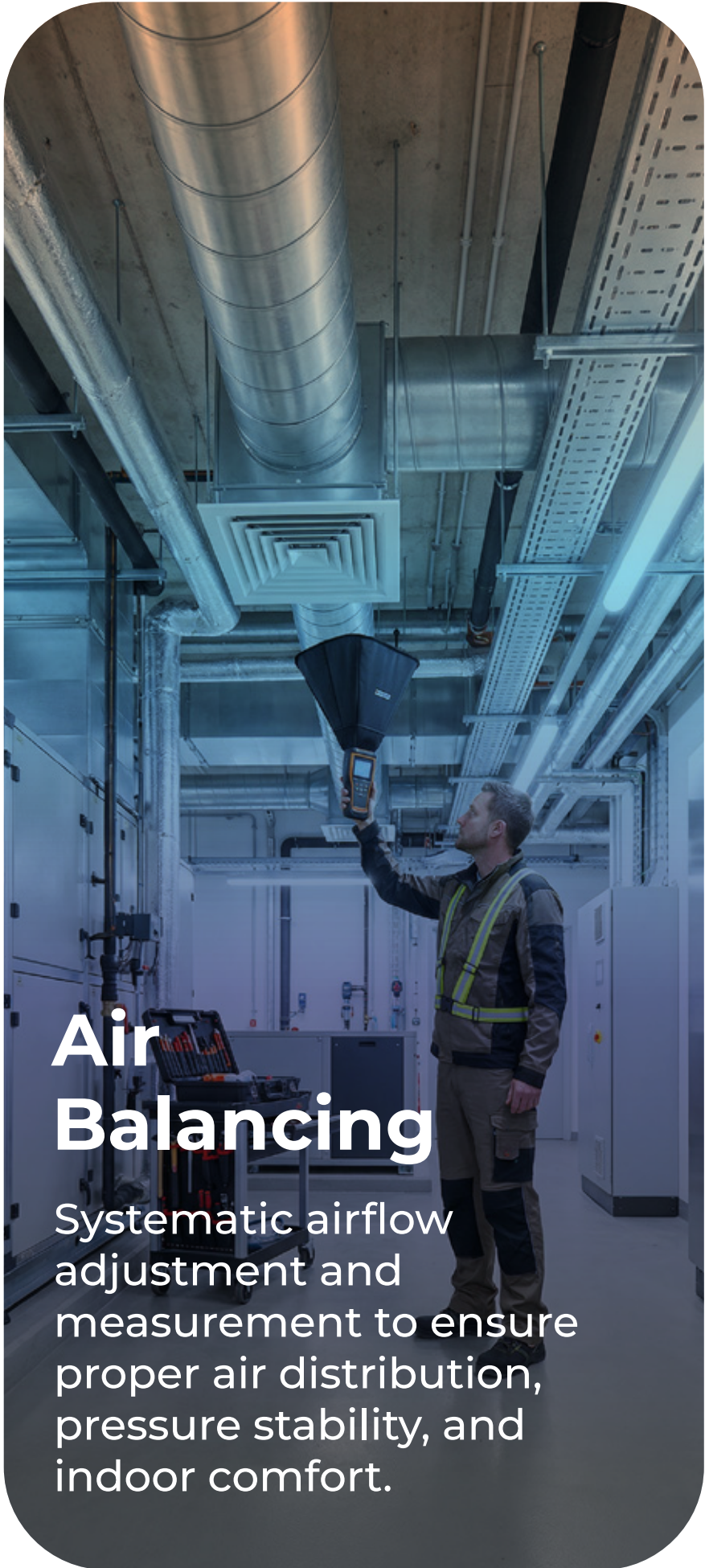
High-capacity freezing systems engineered for demanding production processes.

A photograph of refrigerant management equipment with gauges and hoses.

Refrigerant Management & Recycling

Systems ensuring safe refrigerant handling and environmental compliance.

Testing, Balancing & Specialized Services

A technician in a high-visibility vest is using a handheld device to measure airflow from a large duct in a mechanical room.

Air Balancing

Systematic airflow adjustment and measurement to ensure proper air distribution, pressure stability, and indoor comfort.

A technician is kneeling and using a handheld device to monitor a complex hydronic system with numerous pipes and valves.

Water Balancing

Hydronic system optimization to achieve proper water flow, stable thermal performance, and efficient equipment operation.

A technician is kneeling and using a handheld device to inspect a large vertical pipe in a mechanical room.

Eddy Current Testing

Non-destructive tube inspection method used to detect internal defects and assess heat exchanger condition with accuracy.

A technician is kneeling and using a handheld device to inspect a complex duct system in a mechanical room.

Duct Cleaning Services

Professional duct cleaning solutions that improve air quality, restore airflow efficiency, and support system hygiene.

A large industrial water treatment system with multiple vertical filtration tanks and associated piping.

Water Treatment Solutions

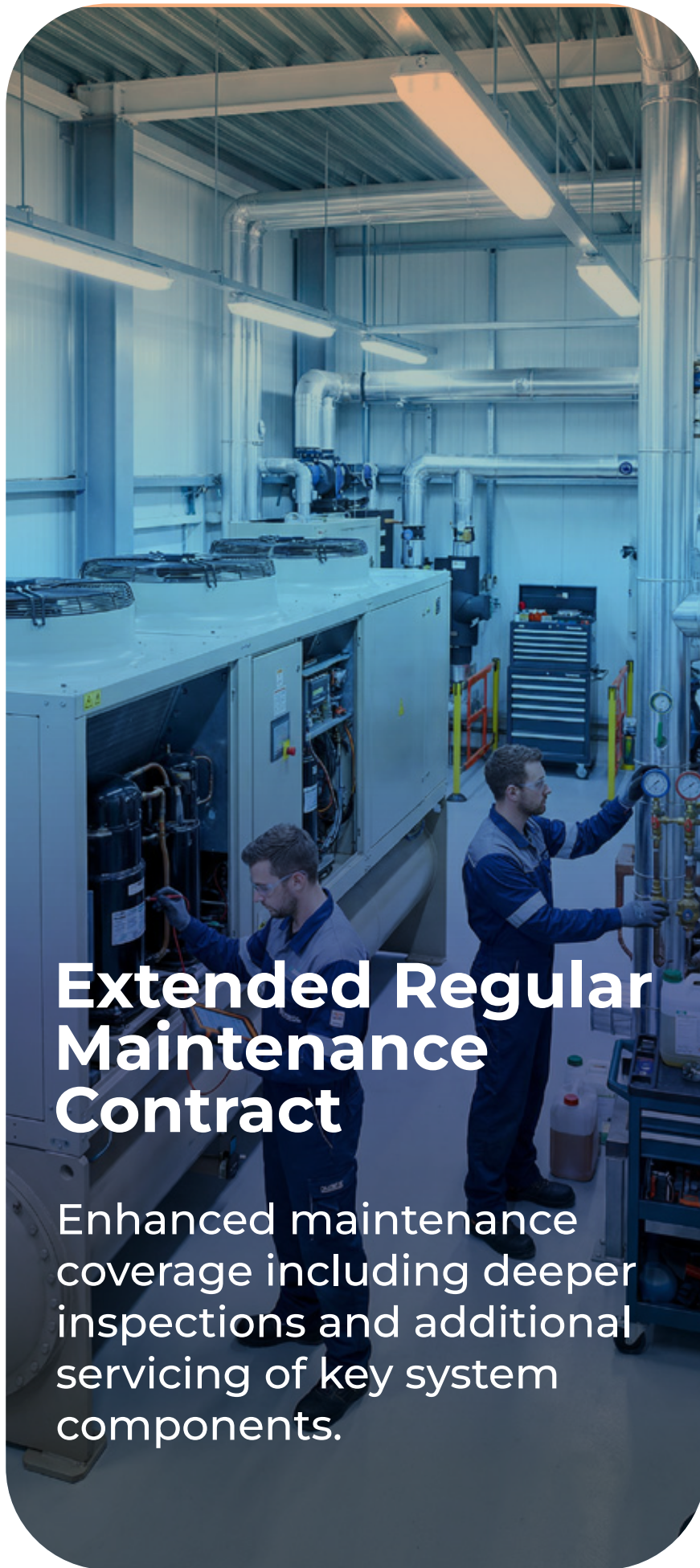
Specialized treatment programs designed to maintain water quality, reduce scaling, and protect HVAC equipment performance.

Maintenance & Service Contracts



Basic Regular Maintenance Contract

Routine inspections and preventive maintenance services to ensure continuous performance and reduce common operational issues.



Extended Regular Maintenance Contract

Enhanced maintenance coverage including deeper inspections and additional servicing of key system components.



Comprehensive Maintenance & Repair Contract

Full-service support combining preventive maintenance with corrective repair response for uninterrupted system operation.



Large & Industrial Institutions Contract

Specialized maintenance agreements designed for high-demand facilities requiring dedicated teams and expanded technical resources.



Retrofit & Replacement Programs

Engineering-led assessment and upgrade solutions for aging or underperforming systems requiring higher efficiency and reliability.



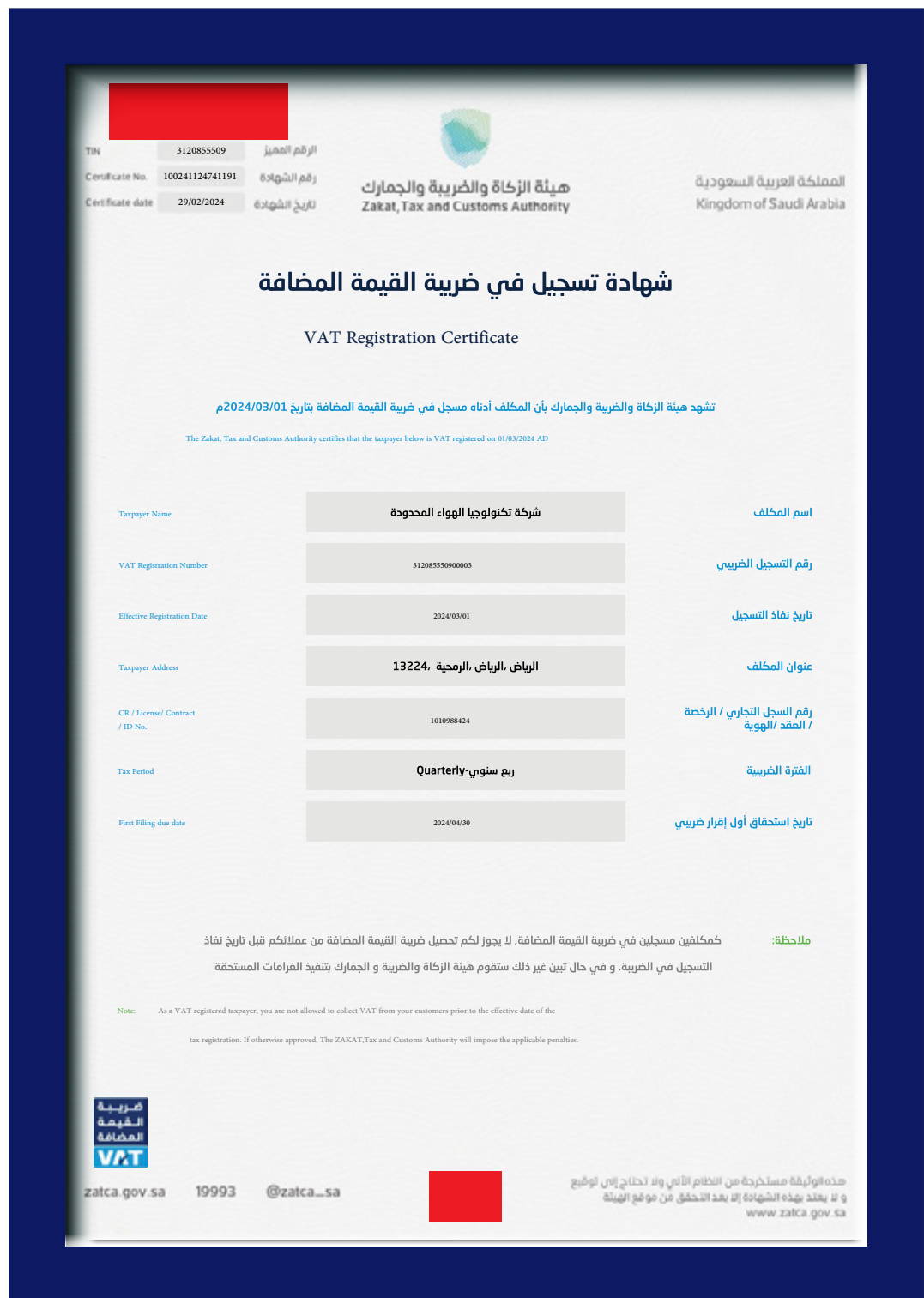
Our Certifications

ATLCO maintains official registrations and statutory documents that reflect our commitment to legal compliance, business transparency, and operational credibility within the Kingdom of Saudi Arabia.

01. Official Company Documents

- a. VAT Registration Certificate*
- b. Company Registration Certificate*
- c. National Address Proof*

Our Certifications





Our Client Portfolio

ATLCO works with a network of trusted partners and specialized suppliers to support diverse project requirements across the Kingdom and the region:

01. Strategic Partners

- a. Technology & Equipment Partners*
- b. Supply Chain & Procurement Partners*
- c. Service & Support Partners*

Our Client Portfolio



Melee



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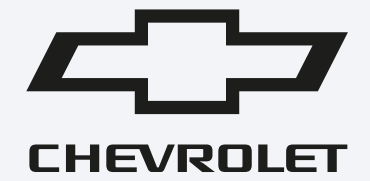
Our Success Partners

ATLCO is proud to have served a diverse portfolio of clients across industrial, commercial, healthcare, logistics, and development sectors, delivering reliable engineering solutions tailored to each project's operational requirements.

01. Client Portfolio

- a. Industrial & Manufacturing Clients*
- b. Commercial & Development Clients*
- c. Healthcare & Institutional Clients*

Our Success Partners





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THANK YOU!

We look forward to building long-term value together.