



Company Profile





TES Mission

Our mission is to lead the way in providing innovative engineering solutions that drive the success of our clients in the industrial, medical, commercial, and other sectors.

We are committed to delivering cutting-edge engineering services, supplies, and construction, customized to each client's unique needs, while consistently exceeding expectations and creating long-term value for our shareholders.



TES Vision

“Our vision is to expand our reach as a global leader in engineering solutions, driving growth and creating lasting value for our clients, employees, and shareholders through continuous innovation and strategic partnerships.”



Who We Are ?

Technical for Engineering Services (T.E.S) was established in 2011 with a clear focus on the industrial sector.

From the outset, our expertise centered on electromechanical systems and steel works, and we quickly distinguished ourselves by seamlessly integrating design, installation, and maintenance.

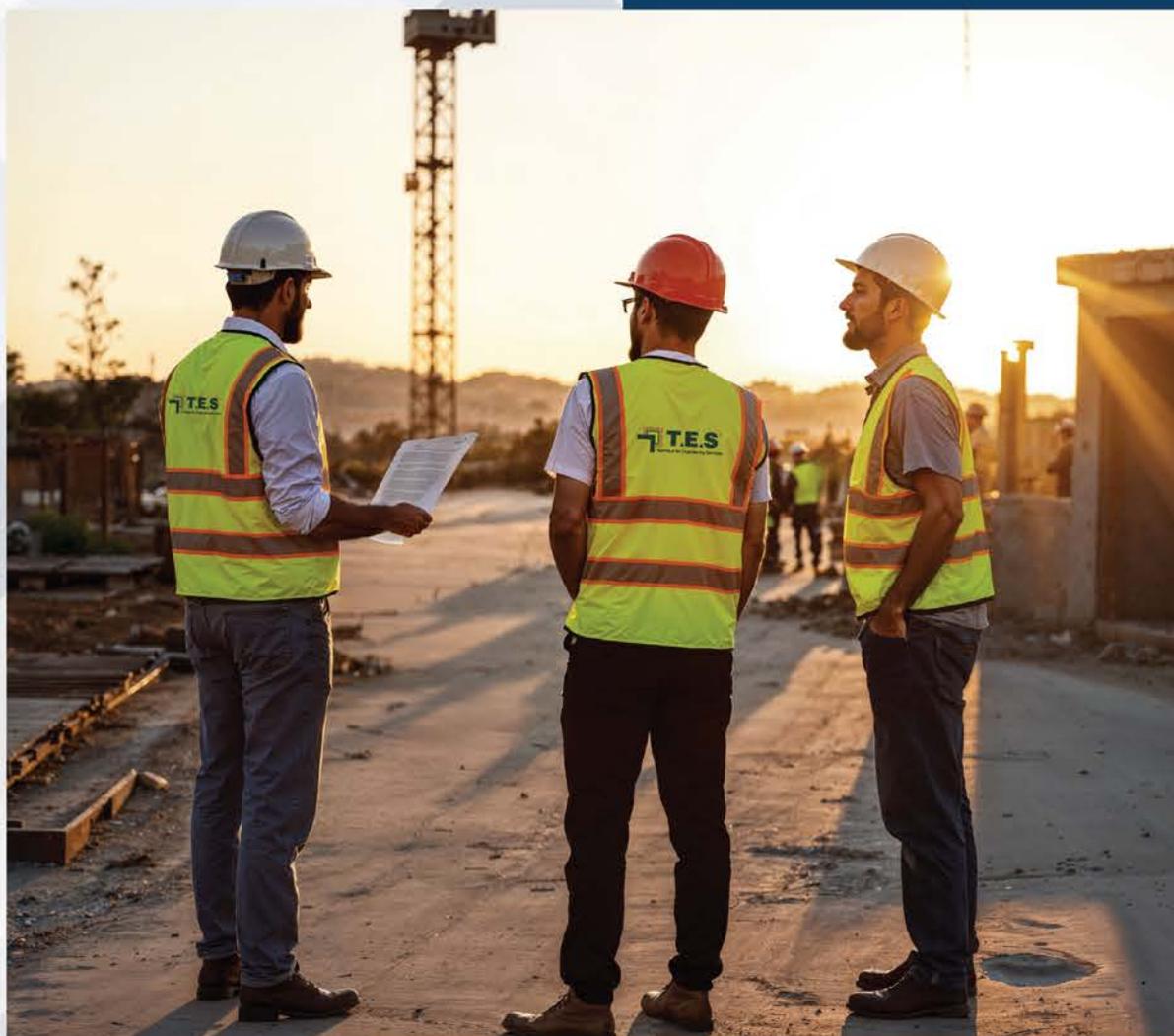
This comprehensive approach, spanning diverse industries, allowed us to offer clients a single point of contact and ensure consistent quality throughout the project lifecycle.



Our team

Our team comprise highly skilled engineers and professionals with extensive experience.

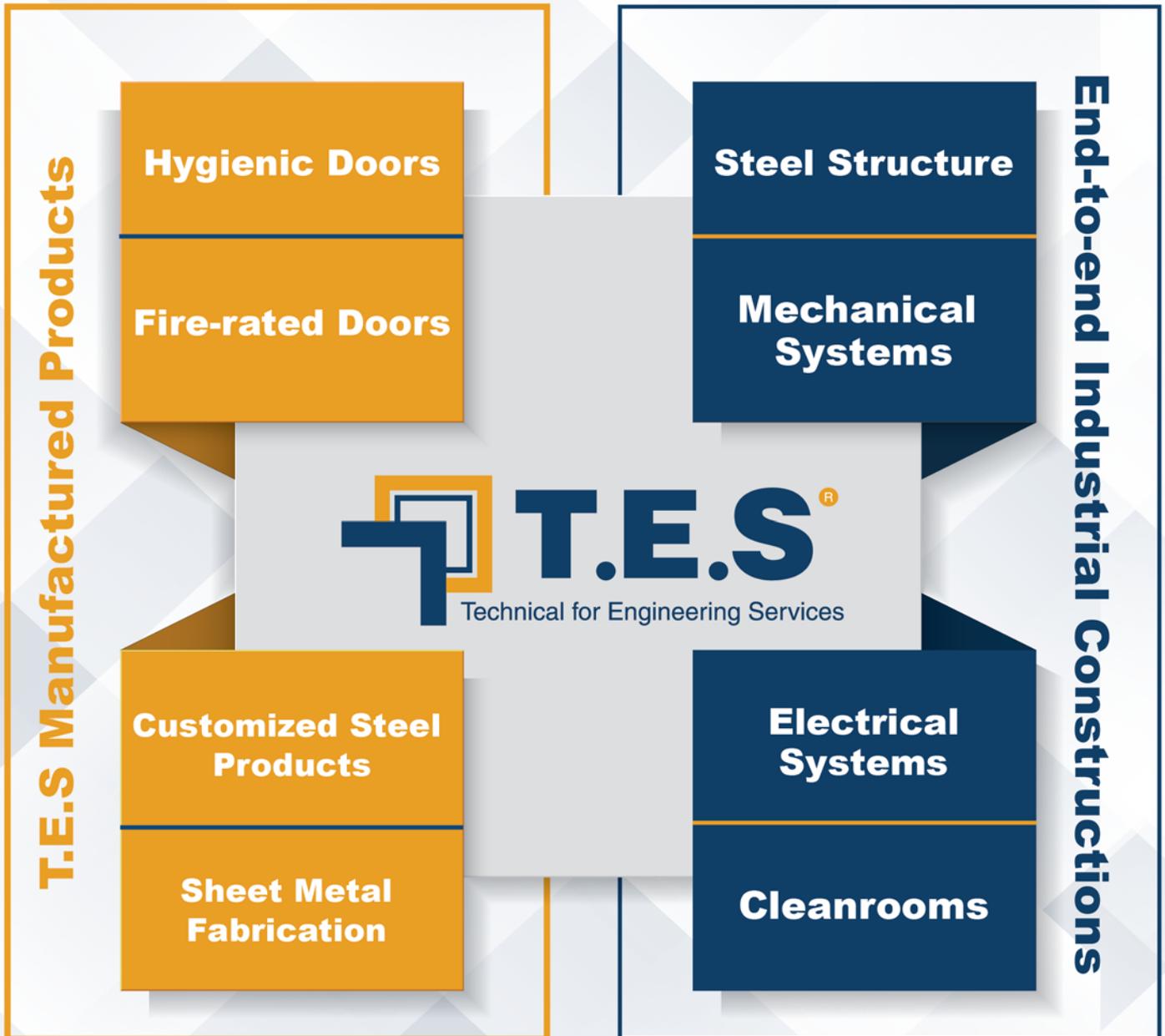
We combine technical proficiency with rigorous adherence to international standards, delivering innovative, compliant, and efficient solutions. Committed to excellence, we ensure precision in design, installation, and validation for industrial applications





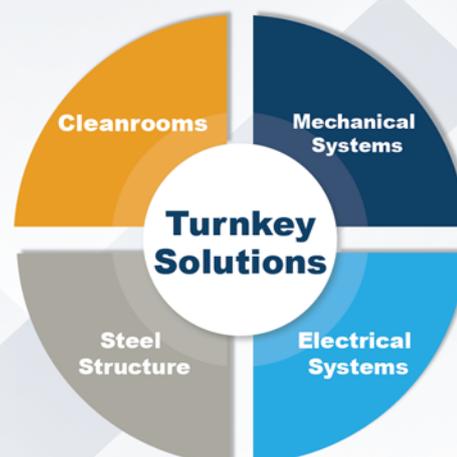
What We Do?

We offer a variety of services and solutions across different industries, covering project design, construction, and maintenance, including:



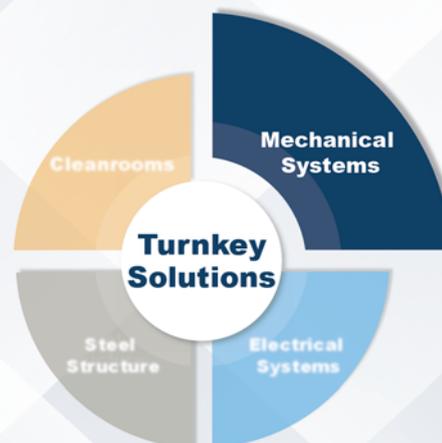
End-to-end industrial Constructions

Backed by years of experience and a skilled team, we deliver turnkey projects through the integration of electromechanical, civil, and steel works. We focus on the industrial sector while also serving medical and commercial fields with efficiency and high quality.



Mechanical Systems

T.E.S is a leader in delivering comprehensive Electro-Mechanical Engineering solutions. We design, deliver and install all required components of the mechanical system of the projects. This includes:



HVAC Systems

T.E.S offer complete HVAC solutions to ensure optimal comfort and air quality in commercial and industrial buildings. This includes:

- Design and installation of HVAC systems
- Ductwork fabrication and installation
- Chiller and boiler systems
- Ventilation and air filtration systems



Fire Fighting Systems

We design and install comprehensive fire protection systems to safeguard lives and property. This includes:

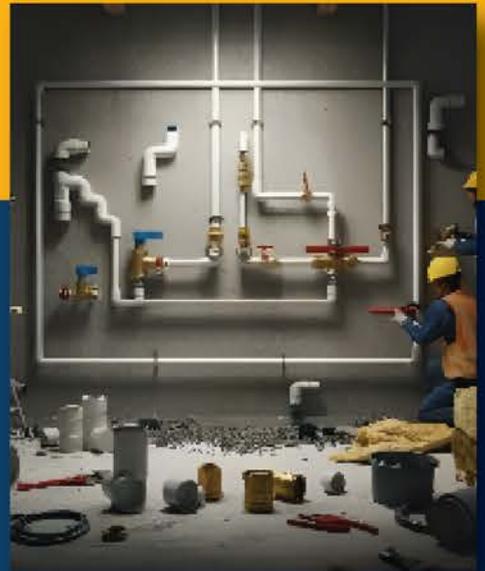
- Fire detection and alarm systems
- Sprinkler systems
- Fire suppression systems
- Fire pumps and hydrant systems
- Emergency lighting and evacuation systems



Plumbing Systems

We provide complete plumbing solutions for various applications, including:

- Water supply and distribution systems
- Sanitary drainage systems
- Rainwater harvesting systems
- Water treatment systems



Piping Networks

T.E.S provides efficient piping solutions across industrial, commercial, and infrastructure sectors, covering design, installation, and maintenance to ensure safe fluid transport. Our services include:

- **Process Piping Systems:**
Custom-designed for industrial applications
- Utility Piping Networks
- Drainage & Sewage Systems
- High-Pressure Piping
- Pipe Insulation & Heat Tracing



Electrical Systems

We offer a broad range of specialized electrical services, including:

- Design, fabrication, and installation of custom electrical panels and switchgear assemblies
- Installation of effective earthing and lightning protection systems
- Design and installation of efficient cable management systems for power and communication networks
- Comprehensive testing and commissioning services for all electrical systems



Power Systems

We provide essential power solutions to ensure safe and efficient energy distribution across the project, including:

- Power Distribution Panels
- Indoor & Outdoor Lighting Systems
- Backup Power Systems
- Cable trays & Power cabling installation



Light Current

We deliver smart low-voltage systems that enhance safety, security, and connectivity, including:

- Fire Alarm Systems
- Structured cabling & Data Networks
- Audio-visual solutions
- Public address systems
- Access control



Control Systems

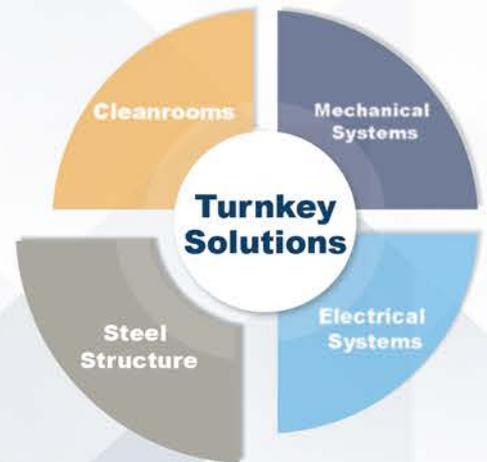
We implement automation systems to monitor and control building services efficiently, including:

- BMS (Building Management Systems)
- Interlock System
- HVAC Controls
- Lighting Control
- Motor Control Panels



Steel Structures

T.E.S delivers high-quality steel works for both **industrial** and **commercial** projects, providing durable and customized structures that meet functional and aesthetic demands.



Design

We offer complete steel structure design and detailing services using industry – standard software.
Our Engineering team ensures:

- Structural integrity and compliance with codes
- Preparation of shop drawings
- Coordination with other trades
- As built documentation



Structural Steel Works

We supply and install the main load-bearing steel components required for buildings and industrial facilities, including:

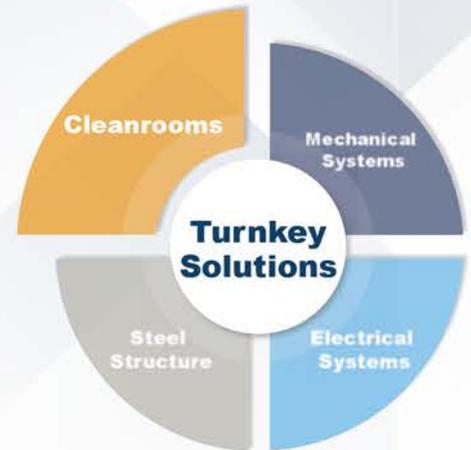
- Steel frames (factories, warehouses, hangers)
- Columns, beams, and trusses
- Built-up section (as per design requirements)
- On-site erection with precise alignment





Cleanrooms

Technical for Engineering Services (T.E.S) delivers high-quality cleanroom solutions tailored to the specific needs of various industries, ensuring seamless integration with the strict standards of Good Manufacturing Practices (GMP).

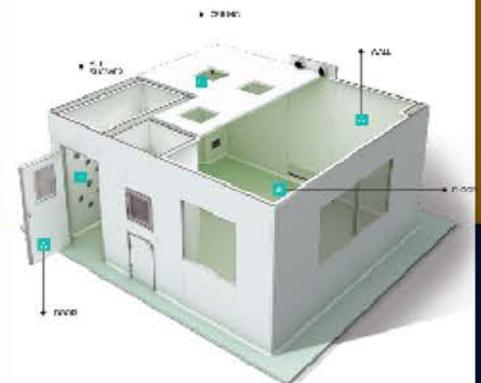


Cleanroom Design

T.E.S designs GMP-compliant cleanrooms for pharmaceuticals, biotech, medical devices, and electronics.

We specialize in creating controlled environments that meet the highest industry standards.

- Optimize airflow
- Ensure scalability
- Maintain strict contamination control



Installation

By combining technical expertise, precise installation, and strict regulatory compliance, we deliver cleanroom solutions that are efficient, functional, and fully meet industry standards. Considering:

- Hygienic doors
- Epoxy Flooring
- Panels
- Pass Box
- False Ceiling
- HVAC System
- Lighting Fixtures



Testing

Ensuring the integrity and functionality of a cleanroom after installation involves a comprehensive validation process to confirm compliance with:

- Required cleanliness levels
- Operational standards
- Regulatory requirements





T.E.S Manufactured Products

At our factory, located at Borg Al Arab, Alexandria, T.E.S manufactures high-quality steel products with durability, precision, and performance, delivering tailored sheet metal solutions for complex projects. We have a wide range of products including:

Hygienic Doors

T.E.S hygienic doors feature smooth, antimicrobial surfaces for easy cleaning and bacteria resistance. Designed for sterile environments, they comply with Ministry of Health standards and suit hospitals, labs, and food facilities.

- Ultra-hygienic and seamless design.
- Easy to clean and chemical-resistant
- Smooth and non-porous surface.
- Designed to meet GMP requirements.
- Made of galvanized steel
- Honeycomb thermal insulation
- Electrostatic coating with 80–200 μm thickness
- Accessories made of stainless steel



Single Doors



Double Doors



Fire-rated Doors

T.E.S Fire-rated doors provide certified fire protection by containing heat, flames and smoke, ensuring safety in commercial, industrial and residential spaces.

- Fire resistance of 120 minutes, certified by HBRC
- Made of Galvanized steel
- Rockwool insulation with density up to 80 kg/m³
- Electrostatic coating with 80–200 μm thickness
- All Accessories are UL listed and made of stainless steel



Single Doors



Double Doors

Certificates & Standards

- T.E.S Fire-rated doors are rigorously tested and certified by the Housing & Building National Research center HBRC, ensuring compliance with top safety and performance standards.
- T.E.S Doors is committed to staying ahead of evolving building codes, safety regulations, and customer preferences by continuously adapting its products and processes to deliver high-quality, compliant, and competitive solutions.

Test Sample	Property	Result
Single swinging metal door assembly Dimensions: (220 cm H x 100 cm W) Supplier: مكتب للأعمال الهندسية	Fire rating	2-h

CONCLUSION
The single swinging metal door assembly was subjected to a fire resistance test in accordance with test procedure NFPA 252. It has succeeded to fulfill the requirements of the test standard for fire rating of **120 minutes** as illustrated in the following table.

Remarks

- This result is only valid for the sample delivered to the fire Laboratory.
- This report is valid for only one year from issuing date.
- The sample was delivered to the laboratory by the entity requesting the test.
- The aforementioned data according to what was mentioned in the letter of the body requesting the test without any responsibility on the center.
- The attached results apply only to the results are not valid for the approval of any quantitative production / and practices / supplies / as well as export and is not considered as a conformity certificate.

Tested and report by: *Aya M. Zaki*
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Reviewed by: *Ahmed Adel*
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Customized Steel Products

Steel provides a strong, durable, and corrosion-resistant base for industrial and construction use. Through custom fabrication of sheet metal, we deliver precise solutions for roofing, cladding, and complex components.

Gates

We offer a wide range of metal gates designed for both access and security needs, suitable for residential, commercial, and industrial applications. Our offering includes:

- Pedestrian and vehicular gates in simple or ornate styles
- Automated gate systems for enhanced convenience
- Integration with access control, video surveillance, and alarms



Handrails

We manufacture durable and stylish handrails that ensure safety and enhance architectural design. Including:

- Staircase handrails
- Balcony and terrace handrails
- Walkway and ramp handrails



Tanks

We manufacture high-quality steel tanks for a wide range of industrial applications, with full customization to meet project-specific needs. We manufacture high-quality steel tanks for a wide range of industrial applications, with full customization to meet project-specific needs.

- Fabrication of vertical and horizontal steel tanks
- Custom sizes, capacities, and connections
- Suitable for water, fuel, and chemical storage



Hygienic Industrial Water Drain

We manufacture and supply stainless steel drainage systems for clean and sterile environments. Includes:

- Floor drains and channels with smooth, and easy to clean surfaces
- Sloped designs to ensure fast and complete drainage



Panic Door

We provide fire-rated panic doors designed for safe and quick emergency exits in compliance with safety regulations. Includes:

- Steel doors with panic push bars for fast, hands-free egress
- Suitable for industrial facilities, warehouses, and public buildings



Electrical Room Doors

We supply heavy-duty steel doors specifically designed for electrical rooms, ensuring safety, durability, and compliance with technical standards. Includes:

- Fire-rated and ventilated designs to allow heat dissipation
- Custom sizes with lockable access for equipment protection



Sheet Metal Products

We specialize in producing a wide range of sheet metal products tailored to industrial and commercial needs. All products are crafted with precision and can be customized to meet specific project requirements.

Electric Panels

We customize electrical panel enclosures to meet specific project requirements, ensuring durability, safety, and optimal performance. Includes:

- Custom sizes, shapes, and internal configurations
- Made from galvanized or stainless steel with built-in ventilation to prevent overheating



Cable Trays

We provide durable cable trays for efficient cable management in industrial and commercial installations. Includes:

- Available in galvanized steel or aluminum, with multiple sizes and types
- Optional features like covers, ladders, and fittings to suit project requirements



Fire Cabinets

We customize fire cabinets to suit different extinguisher types, ensuring durability and fast access during emergencies. Includes:

- Strong steel construction with easy open doors
- Clear labeling and internal holders for organized storage



Roll up Doors

The roll-up doors designed for efficient space usage and easy vertical operation.

- Roll vertically into a compact coil above the opening
- Ideal for warehouses, loading bays, and industrial facilities
- Save space and ensure quick access



Metal Sliding Doors

We manufacture metal sliding doors that move smoothly along horizontal tracks.

- Ideal for tight spaces such as closets, storage areas, and room dividers
- Available in durable finishes with modern, functional designs
- Maximize usable space without door swing clearance



Lockers

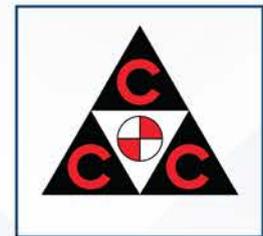
We manufacture steel and stainless steel lockers tailored for secure and organized storage across various facilities. Includes:

- Standard and custom configurations with size, color, and ventilation options
- Locking systems and tech integration based on user requirements





Success Partners





Success Partners



T.E.S.[®]

Technical for Engineering Services



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