



# T.E.S Doors





## T.E.S Doors

We manufacture specialized metal doors designed for high-performance, hygienic, and fire-safe environments.

- Custom designs to meet project needs
- Compliant with international standards
- Specialized solutions for industrial, and commercial use
- In-house manufacturing, fast delivery, and professional installation



Fire-rated Doors



Cleanroom doors



Stainless Steel Doors



Electrical Room Doors



Panic Doors



Swing Doors

## Doors Applications

We provide a wide range of door solutions designed for both industrial and commercial applications, ensuring safety, durability, hygiene, and reliable performance. Our doors are widely used in the following areas:



Cosmetics Factories



Hospitals & Medical Centers



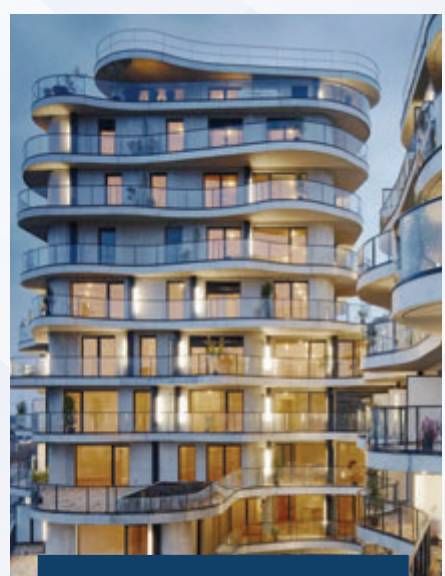
Food Factories



Pharmaceutical Factories



Electrical Rooms



Commercial & Residentials

## Fire-rated Doors

Our fire rated doors are designed to provide certified fire resistance, protecting lives and property by containing fire and smoke within critical areas for a specified period.

- All Accessories are UL Certified
- Fire resistance rating for 120 minutes
- Galvanized steel construction with fire-resistant core
- Includes intumescent strips, Drop Seals, and certified fire-rated hardware
- Suitable for commercial, industrial, and life safety applications
- All our doors are designed and manufactured in compliance with internationally recognized standards and fire safety codes



## Certificates & Standards

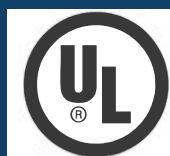
- T.E.S Fire rated doors are designed in accordance with international standards and codes such as ANSI/SDI A250.8, ASTM A924, ANSI A115, NFPA 101, NFPA 80, NFPA 252, UL 10B, and UL 10C
- The doors have been officially tested and certified by the Housing and Building National Research Center (HBRC), ensuring compliance with top safety and performance standards
- T.E.S Doors are 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.



## Fire rated Door Performance

Our fire-rated doors are engineered to provide reliable protection under fire conditions, ensuring safety, containment, and compliance with international standards. The system is designed to maintain its integrity and performance throughout the rated duration

- Fire resistance ratings up to 120 minutes
- Integrity and insulation performance
- Effective smoke containment
- Full system compatibility with certified components
- All Doors Accessories are UL Certified



## Door Frame

We provide durable steel door frames designed to meet fire safety standards. Our frames are tested and certified for reliable protection.

- Made from Galvanized steel
- Fire rating for 120 minutes
- Suitable for walls and steel partitions
- Custom sizes and finishes upon request



## Door Leaf

We supply fire-rated door leaves built for safety, durability, and compliance with international fire standards.

- Manufactured from Galvanized steel with internal fire-resistant core
- Certified for 120 minutes fire rating
- Available in single or double-leaf configurations
- Compatible with smoke seals
- Smooth finish with powder coating
- Available in custom sizes with a wide range of hardware options



## Internal Insulation

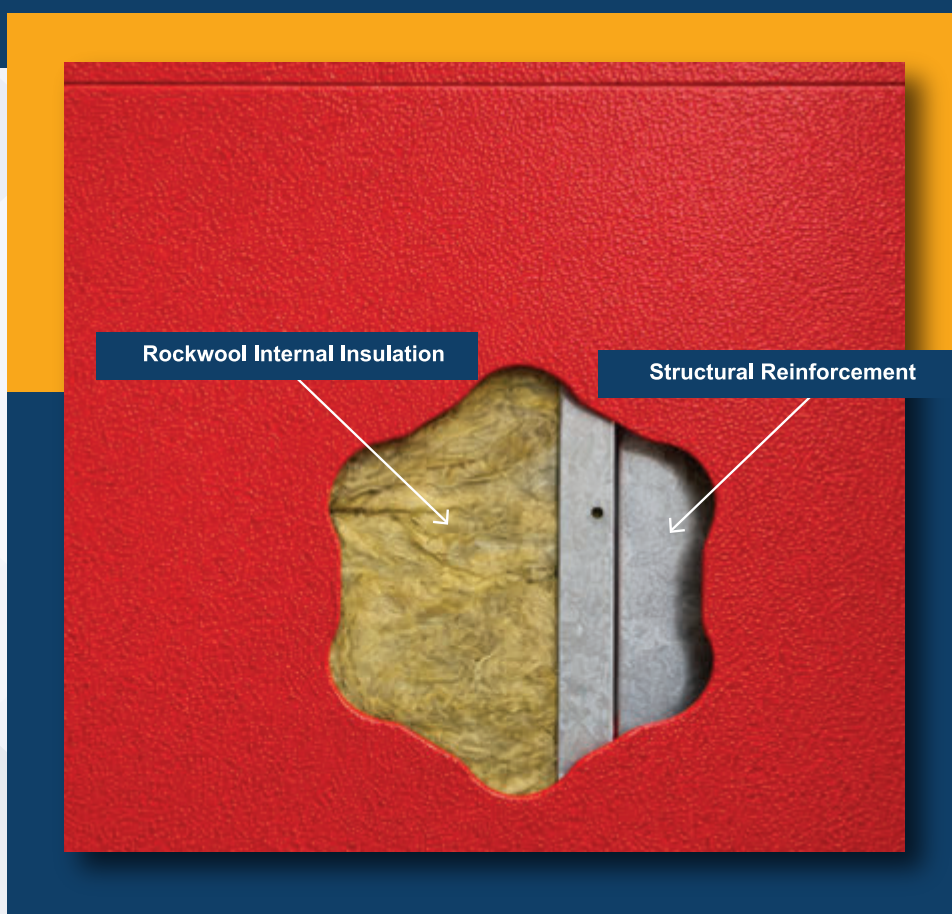
Our fire-rated doors are internally Insulated with high-density rockwool 70 kg/m<sup>3</sup>. This core acts as a thermal barrier, slowing down heat transfer and maintaining the integrity of the door during fire exposure.

- Fire-resistant for 120 minutes
- Maintains door stability under high temperatures
- Excellent thermal and acoustic insulation
- Lightweight yet durable core material

## Structural reinforcement

The door is internally reinforced with galvanized steel sections to ensure structural stability and fire resistance.

- Provides rigidity and mechanical strength
- Prevents deformation under high temperatures
- Maintains the integrity of the door leaf during fire exposure



## Cleanroom Doors

We design and manufacture hygienic doors for cleanrooms, hospitals, labs, and food facilities where cleanliness and durability are critical.

- Smooth, easy to clean surfaces
- Resistant to chemicals, moisture, and bacteria
- Flush design with hygienic grade finishes
- Integrated with interlock systems for contamination control
- Compliant with ISO 14644, GMP, ANSI/SDI A250.8, ANSI A115, and ASTM A924 standards

Galvanized Steel Door Frame

Gasket

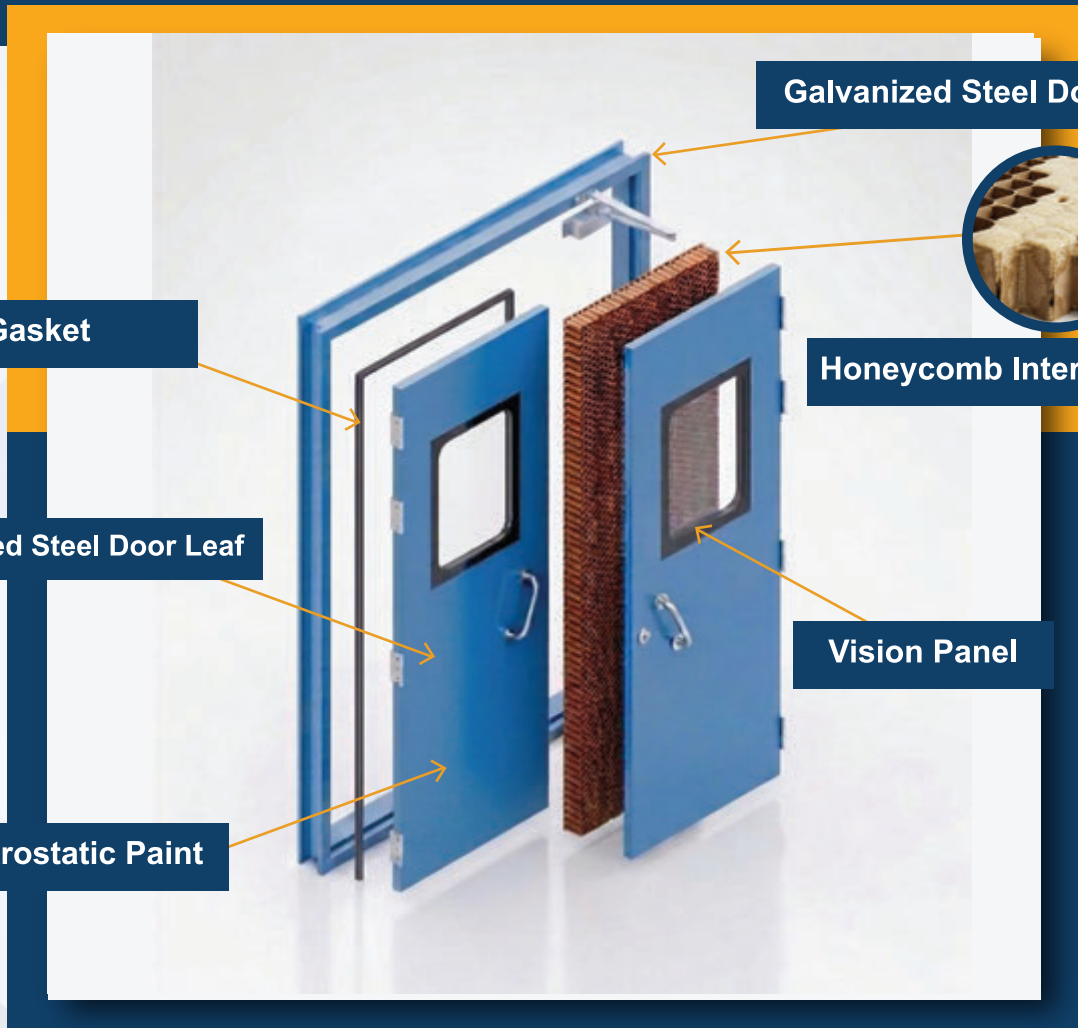


Honeycomb Internal Insulation

Galvanized Steel Door Leaf

Vision Panel

Electrostatic Paint



## Door Frame

Hygienic door frames are built for clean environments, offering smooth finishes and tight integration with walls. Our hygienic doors are internally reinforced with a honeycomb core, offering lightweight, strength, durability, and stability while supporting cleanroom hygiene standards.

- Made from galvanized steel with hygienic powder coating
- Flush design
- Easy to clean
- Suitable for various wall types



## Door Leaf

The door leaf ensures a smooth, sealed surface essential for hygiene in clean environments.

- Galvanized steel with powder-coated finish
- Easy to clean and resistant to moisture and chemicals
- Compatible with interlock systems and access control
- Available in single or double leaf configurations
- Includes internal insulation and drop seals for thermal and contamination control



## Internal Insulation

Our hygienic doors are internally reinforced with a honeycomb core, offering lightweight, strength, durability, and stability while supporting cleanroom hygiene standards.

- Corrosion resistant, and moisture resistant
- Enhances structural integrity without adding extra weight
- Provides flat, rigid support for smooth door surfaces
- Ideal for controlled environments requiring frequent cleaning
- Available with aluminum and paper honeycomb cores



## Stainless Steel Doors

In T.E.S, we design and manufacture Hygienic Stainless-Steel Doors specifically for environments that require the highest standards of cleanliness and sanitation. Our doors are engineered with smooth, non-porous surfaces to minimize bacterial growth and ensure easy cleaning, making them ideal for use in hospitals and medical centers, hygienic and controlled areas, washing rooms in factories, and industrial and commercial kitchens.

- High resistance to corrosion and rust
- Withstands strong disinfectants and harsh chemicals
- Smooth, non-porous surface that prevents bacterial accumulation
- Easy to clean and maintain
- Long service life with consistent performance

Stainless Steel Door Frame

Gasket

Stainless Steel Door Leaf

Honeycomb Internal Insulation

Vision Panel



## Door Frame

Stainless steel door frames are designed to provide strong support while maintaining hygienic performance in clean environments.

- High-grade stainless steel (SS 304)
- Corrosion and rust resistant
- Smooth, seamless design for easy cleaning
- Compatible with hygienic wall systems



## Door Leaf

The door leaf is designed for durability and hygiene, featuring a smooth surface that resists contamination and frequent cleaning.

- Stainless steel construction (SS 304)
- Smooth, non-porous surface
- Resistant to chemicals and disinfectants
- Internal infill for strength and insulation
- Available in single or double leaf options



## Internal Insulation

Our hygienic doors are internally reinforced with a honeycomb core, offering lightweight, strength, durability, and stability while supporting cleanroom hygiene standards

- Corrosion resistant, and moisture resistant
- Enhances structural integrity without adding extra weight
- Provides flat, rigid support for smooth door surfaces
- Ideal for controlled environments requiring frequent cleaning
- Available with aluminum and paper honeycomb cores



## Electrical Room Doors

T.E.S Fire Rated Doors are used in electrical rooms where fire resistance and ventilation are essential. They protect critical electrical equipment while meeting fire and safety standards.

- Fire resistance for 120 minutes.
- Galvanized steel construction with Rockwool insulation.
- Fire-rated louvres for ventilation and automatic sealing in fire.
- Electrostatic powder-coated finish.
- Certified fire-rated hardware and smoke seal compatibility.



## Fire Rated Louvers

Fire Rated Louvres in Electrical Room Doors provide ventilation for electrical rooms while ensuring fire protection. They allow airflow in normal conditions and automatically seal during a fire.

- Maintain air circulation to prevent overheating.
- Fusible link for automatic closure in fire
- Fire resistance for 120 minutes.
- Certified to international fire safety standards.
- Made from Galvanized steel.



## Panic Doors

In T.E.S, we design and manufacture Panic Doors to ensure safe and fast emergency egress while maintaining durability and performance across different environments. Our doors are engineered to meet safety requirements and can be customized based on project needs.

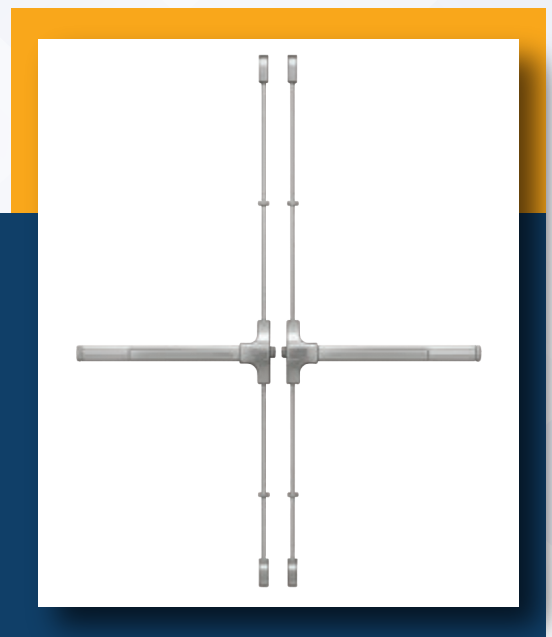
- Designed for safe and quick emergency exit
- Suitable for industrial, commercial, and public buildings
- Door leaf infill options: Rockwool or Paper Honeycomb
- Strong and durable construction
- Compatible with various hardware and safety accessories
- Available in single or double leaf configurations



## Panic Bars

Panic Bars are essential safety devices installed on panic doors, allowing immediate and effortless opening during emergency situations to ensure smooth and fast evacuation.

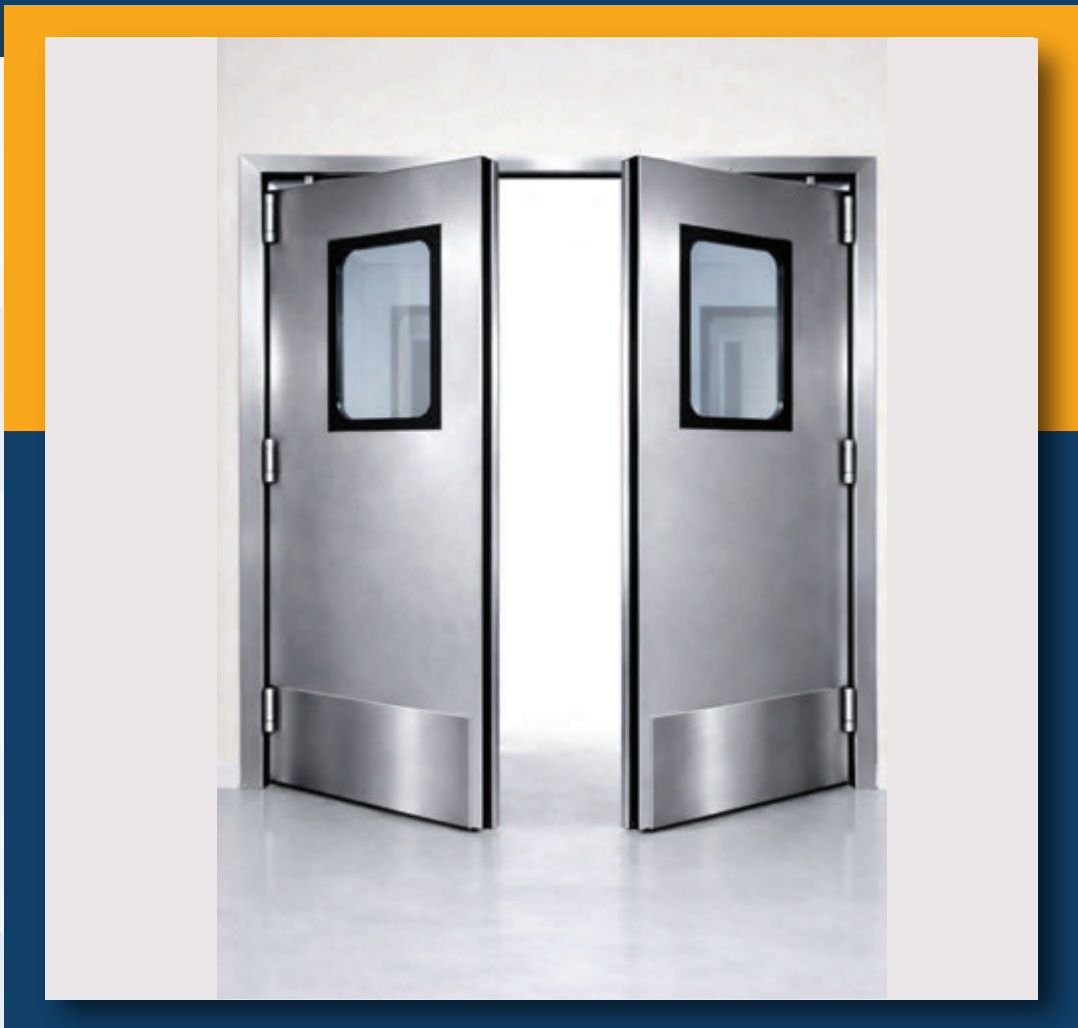
- Easy push operation for quick exit
- Suitable for both single and double doors
- Reliable and heavy-duty mechanism
- Can be integrated with locking systems
- Designed to meet safety standards
- Available in different sizes and configurations
- UL Certified for fire rated panic doors



## Swing Doors

we design and manufacture Swing Doors for Hospitals, medical centers, and hygienic applications. They are available in Stainless Steel or Galvanized Steel and are designed for smooth operation with double-action opening in both directions (inward and outward).

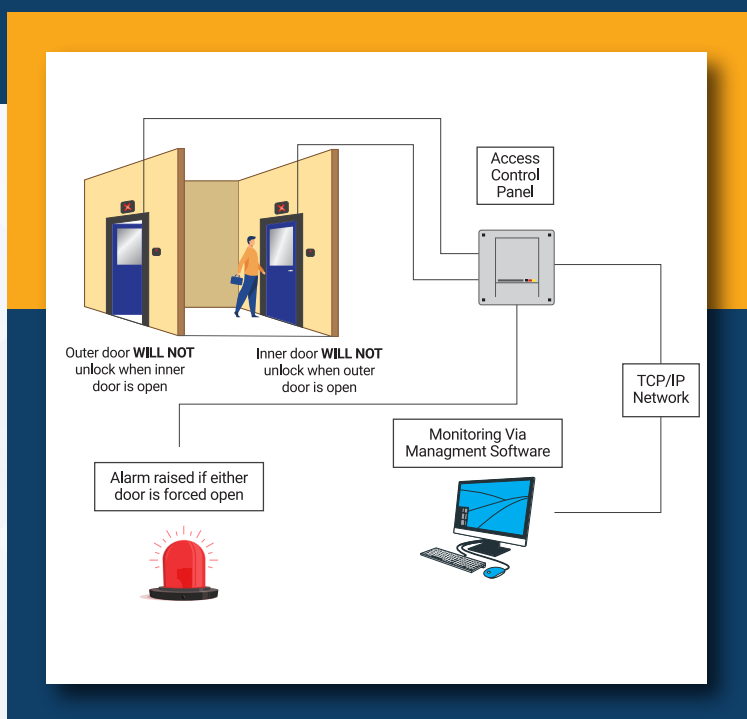
- Available in Stainless Steel or Galvanized Steel
- Paper Honeycomb insulated door leaf for thermal and acoustic performance
- Strong and durable construction
- Double-action swing (inward & outward opening)
- Equipped with heavy-duty hinges that automatically return the door to the closed position
- Smooth operation with reliable performance
- Available in single or double leaf configurations



## Interlock System

We provide interlock systems to improve cleanroom safety and contamination control.

- Can be configured for more than five doors simultaneously
- ensures that one door must be fully closed before the next door can be opened
- Prevents cross-contamination
- Includes access control and indicator lights
- Available in both mechanical and magnetic types
- Push button on door or frame for easy access
- LED indication showing whether the door is open or closed



## Access Control

Our door systems can be integrated with advanced access control solutions to enhance security, safety, and operational efficiency in both industrial and commercial environments. These systems allow controlled entry, and monitoring

- Controlled access for authorized personnel only
- Multiple authentication methods including facial recognition, password entry, access cards, and fingerprint identification
- Suitable for high-security and restricted areas



## T.E.S Door Accessories

T.E.S door accessories are designed to meet the highest standards of hygiene, safety, and durability, ensuring reliable performance in both hygienic and fire-rated applications.



- High-quality components for corrosion resistance and long service life
- Smooth operation and easy cleaning, ideal for controlled environments
- High-performance sealing for improved hygiene and insulation
- UL listed accessories for fire-rated doors, compliant with international safety standards



**Panic Bar**



**Pivot Hinges**



**Hinges**



**Regular Cut Seal**



**Hydraulic Closer**



**Double door Panic bar**



**Handle**



**Cylinder Lock**



**Automatic drop Seal**



**Gasket**



**Top And Bottom Flush bolt**



**Pull And Push Handle**



**Fire Rated Louvers**



**Kick Plate**



**Door Stopper**



**Vision Panel**

## Coating

Our galvanized steel doors are finished with high-quality electrostatic powder coating, providing a smooth, durable, hygienic, and corrosion-resistant surface. This finish is suitable for both cleanroom doors and fire-rated doors, ensuring reliable performance in controlled and demanding environments.

- Uniform and high-quality finish.
- Resistant to chemicals, moisture.
- Anti-bacterial surface.
- Excellent adhesion to steel surfaces.
- Scratch and impact resistance.
- Protects against rust and moisture.
- Available in a wide range of RAL colors.



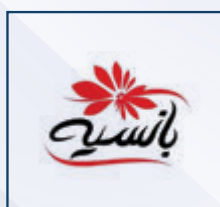
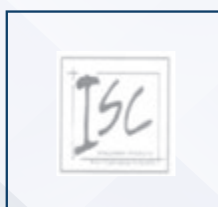
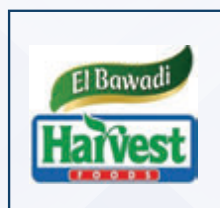
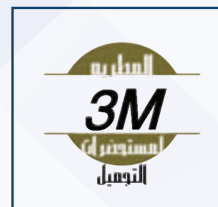


# Success Partners





## Success Partners



# T.E.S.<sup>®</sup>

Technical for Engineering Services



Scan QrCode

 (002) 0110 193 0340  (002) 0105 086 2504  [Info@tes.com.eg](mailto:Info@tes.com.eg)  [www.tes.com.eg](http://www.tes.com.eg)

 **OFFICE ADDRESS:** Safari Mall, first floor, Plot No.3, Block 11, New Borg El Arab city, Alexandria