

# Driven By Innovation

Automatic Doors and Loading Bay Solutions



AVIANS INNOVATIONS TECHNOLOGY PVT. LTD.

[www.avians.co.in](http://www.avians.co.in)



# HIGH SPEED DOORS

Avians High Speed Doors with the CE standard is designed for safe, fast, efficient and simple operation for any internal busy doorways. We manufacture products that provide durable, fast and efficient entrance solutions.

These high speed doors can be used both inside and outside in sheltered areas that have low wind loads and moderate temperature. High speed roll up doors curtains are of high quality & are having high tear tensile strength PVC material.



Industry



Warehouse



Food Industry



Automobile Industry



Clean Room



Cold Storage

## FEATURES:

- High speed of opening and closing (0.8-1.5 m/sec).
- Transparent PVC parts customizable in number and size.
- Available in a wide range of RAL colors.
- High-speed heavy duty motor.
- Easy to install and low maintenance.
- Efficient control panel with multi accessories integration provision.



## HIGH SPEED DOOR- MODULAR TYPE

- High number of operations.
- Stiffeners add resistance to high wind load.
- Interchangeable panels allow for quick and easy repairs of damaged panels.
- Manual override facility.



## HIGH SPEED DOOR- ANTI CRASH TYPE

- Protection from vehicle heating.
- Temperature control.
- Zipper mechanism- easy to self repair.
- Self-repairing door in PVC
- Flexible bottom- for long lasting & smooth operation.



## HIGH SPEED DOOR- CLEAN ROOM APPLICATION

- Specially designed and engineered for cleanliness & clean room application.
- Custom dimensions available.
- Heavy-duty structure for high durability.
- Flush surface, easy to clean & maintain.
- No air/temperature Leakage.
- Can be washable



#### **HIGH SPEED DOOR- FOOD & PHARMA APPLICATION**

- FDA approved PVC fabric.
- Space saving design.
- Inside usage with specially designed fabric.
- Stainless steel 304 & higher grade construction.
- Useful in FMCG sector.

#### **HIGH SPEED DOOR- PVC CURTAIN FOLD UP DOOR**

- Reduce noise pollution and dust deposits.
- Ideal solution for external closing door way, optimize logistics.
- Designed for heavy duty application & larger size openings.
- Suitable for high wind areas.
- Special anti drop electromagnetic brake device to protect from free-fall.



#### **HIGH SPEED DOOR- COLD STORAGE APPLICATION**

- Best suited for temperature controlled areas.
- PVC double wall insulated curtain.
- Fast opening and closing improves efficiency of your cold room.
- Aesthetically Pleasing Appearance.
- Increase Refrigeration efficiency.



#### **HIGH SPEED DOOR- CONVEYOR/MACHINE & ROBOTIC APPLICATION**

- High speed drive with a frequency converter.
- Material used is MS/SS 304 as per industry requirement.
- Option of integration with PLC or client's system.
- Available in various color options.
- Minimum support door design for conveyor & various other application.

#### **ACCESSORIES**



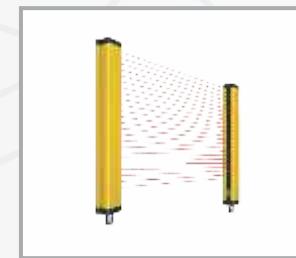
Wireless Safety Edge Sensor



Safety Photocell



Magnetic Radar



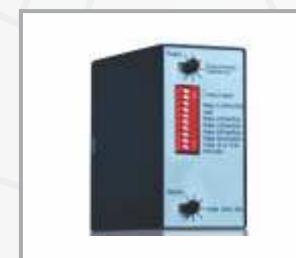
Light Grill Sensor



Card/Biometric/Face  
Detection Access Control



Remote Control  
with Receiver



Magnetic Loop Detector



Pull Cord Switch



Infrared Touchless Switch



#### **HIGH SPEED DOOR- METALLIC SPIRAL TYPE**

- Combination of high speed doors & metal rolling shutters with insulation.
- Door with powder coated finish.
- Double skin aluminium alloy panels with PUF insulation.
- High performance in terms of safety and thermal-acoustic insulation.
- Indoor/outdoor use.
- Ideal for safety & speed operation requirement.



# ROLLING SHUTTERS

Avians Rolling Shutters are an ideal solution where the environment of building needs to be consistent & at the same time it should enhance the look to any modern architecture with CE certified Standard.

Various rolling shutter available in M.S / G.I/S.S / Double wall insulated aluminium/ Galvalume / Transperant / Grill & perforated. These can be integrated with operational accessories like Pull cord/Remote control.



## FEATURES:

- In case of power failure manual hand crank or hand chain is available for easy operation.
- Single wall/ Double wall insulated rolling shutter available based on the application.
- Special feature of vision window available for see through purpose.
- Can be operated with accessories like Pull cord/Remote control/loop detector/safety photocell.
- Special box type guide pattern gives more strength & stability to curtain.

### M.S/ GALVANISED ROLLING SHUTTER

- Galvanised adds corrosion protection.
- Maintenance free, long life.
- Safe, sturdy and reliable.
- Specially designed box type guide makes the shutter unique.
- Grills or perforated panels can be added to achieve ventilation or see-throuh vision.



### GALVALUME ROLLING SHUTTER

- Aluminium zinc alloy coating provides superb rust resistance.
- Specially designed guides with wind locks for high wind velocity exposed shutters.
- Available in natural aluminium finish, anodized finish or powder coating as a option.
- Long term performance.



### GI DOUBLE WALL INSULATED ROLLING SHUTTER

- Better Thermal Insulation.
- Protection from dust Due to side guides & bottom rubber profile.
- Rolling shutters are available in most colors of RAL spectrum.
- Withstand harsh weather conditions.
- Provision of vision window possible.
- Wind hooks for wider opening for more strength.



Warehouse



Commercial Sector



Mall



Industry



Logistic



Airport



### ALUMINIUM ROLLING SHUTTER

- Noise free operation.
- Available in natural Aluminium finish, anodized finish or powder coating.
- Aesthetically very appealing.
- Available in single wall & double wall insulated & non-insulated.



### PERFORATED ROLLING SHUTTER

- Available in M.S/G.I/Galvalume or stainless steel, and also in various design.
- Available in fully/partly perforated design.
- Ease in Air ventilation & see through requirements.
- Useful for wider dimensions & also helps in avoiding deflection.

### POLYCARBONATE OR TRANSPARENT ROLLING SHUTTER

- Creates an aesthetic transparency throughout the area. Also max. coverage for seethrough area.
- A wide range of operational and safety accessories are available.
- Made with interlocking slats and strips with aluminium channel and tubes for its strength and aesthetic reasons.
- Noiseless, light weight with safe design.



### ACCESSORIES



Wireless Safety Edge Sensor



Safety Photocell



Safety Catch



Key Switch



Vision Window



Remote Control with Receiver



Magnetic Loop Detector



Pull Cord Switch



Flashing Lamp with Alarm



### STAINLESS STEEL ROLLING SHUTTER

- High grade SS304/316 or any special grade available on request.
- Meant for food, pharma, hotels, hospitals and chemical industry.
- Shutters have excellent corrosion resistance.
- Withstanding adverse weather conditions.
- Easy to operate, smooth operation, No painting required at all.



### GRILL ROLLING SHUTTER

- Attractive Grills adds aesthetics.
- Steel, aluminum or stainless steel grill rolling shutters are available in various designs.
- Works smoothly and noiseless operation.
- Useful for wider dimension & such designed to avoid deflection.
- Honeycomb, brick & coaxial pattern with fully grill /partly grilled options.

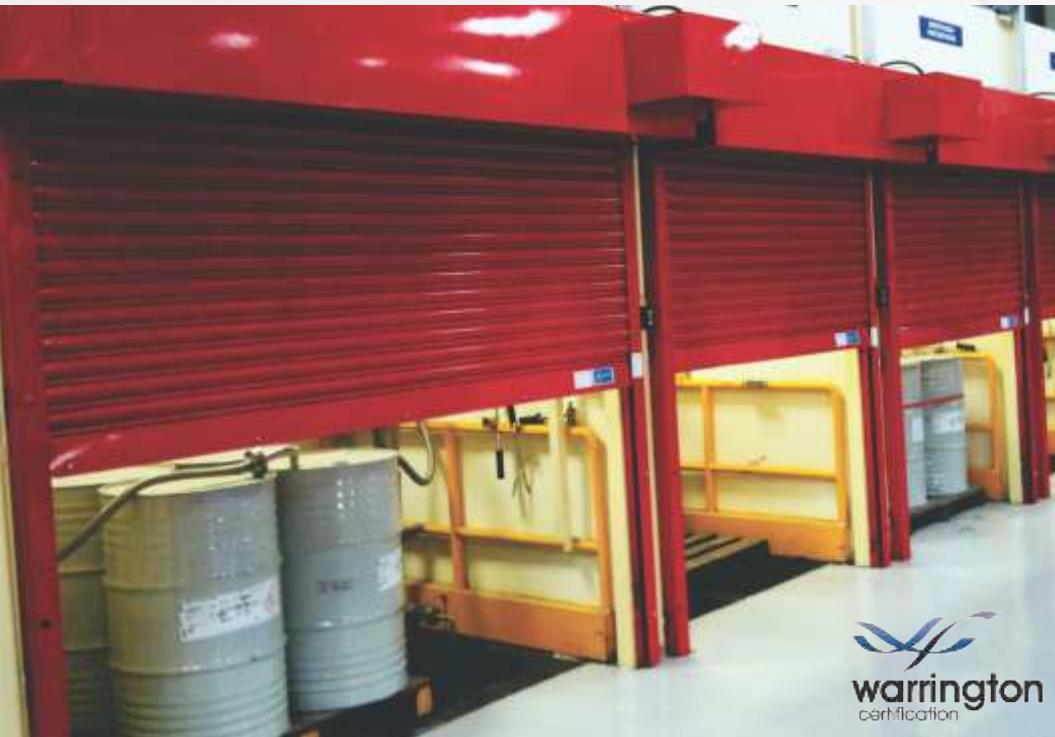
# FIRE RATED ROLLING SHUTTERS & SLIDING DOORS

When it comes to protect premises during fires, economically, safely & efficiently fire rated shutters/doors are the best closing systems. Avians fire rated shutters not only help to prevent loss of life but by creating partitions will help to prevent property damage by stopping fire from spreading. BS 476 part 22, Tested in Warrington Fire Research Center UK, 2 hrs & 4 hrs Fire Rated Resistance.

## Mode of Fire Closing

By self gravity fusible link.

By integrating with fire detection devices, smoke detectors or building management systems.



## FIRE RATED ROLLING SHUTTER

- Incredible radiant heat protection.
- Integration with BMS.
- Automatic closing in the event of fire alarm by means of fusible link melt at 68°C.
- Upto 2 hrs & 4 hrs fire rating.
- Available in various colors.
- Exova Warrington UK certified.



## FIRE RATED SLIDING DOOR

- Upto 2 hours fire protection.
- Easy to integrate with smoke detector, fire alarm & BMS.
- Economical solution to control the fire.
- High quality finish paint.
- Auto closing in case of fire.
- CBRI approved

## ACCESSORIES



Smoke Detector



Thermal Fusible Link



Three Way Push Button



Fire Rated Motor



Heat Detector



Smoke Seal



Commercial Sector



Industrial Sector



Hospital



Server Room/Data Management Building



Chemical Industry



Explosive Area

# SECTIONAL OVERHEAD DOORS

Avians Industrial Sectional Overhead Doors are made of steel panels which guarantee maximum security and reliability. The double-skinned PUF (polyurethane foam) core design is heat insulating and particularly suitable for heated halls. These doors provide good air tightness and insulation. They can also be supplied as fully covered or semi-glazed versions for optimal daylight exposure.



## FEATURES:

- Finger safe joint panels with EPDM seal to provide intermediate air & water tightness between panel joints.
- Types: Opaque doors/ Transparent Doors/ Semi-transparent doors.
- Easy-to-integrate interlocked side wicket doors ensure that pedestrian movement can be diversified.
- Standard Safety edge mechanism stops the door if it comes into contact with an obstacle.
- Doors can be used as external applications to withstand the high wind load.



## INSULATED SECTIONAL OVERHEAD DOOR

- Environment-friendly PUF insulated panels.
- Sound insulation can be achieved.
- Designed to suit the modern industrial architecture.
- Advance electronic drive & control.
- Easy-to-integrate side and wicket doors to ensure pedestrian movement.
- Various fittings available as standard/Vertical/ High lift.



## TRANSPARENT SECTIONAL OVERHEAD DOOR

- Suitable for showrooms/malls/commercial/ industrial houses.
- Aluminium profile incorporating synthetic double glazing to form suitable transparent door panels.
- Various fitting as per design like standard/ vertical/ high lift.
- Transparent see through panels.
- Can operate in case of power failure.



## GARAGE SECTIONAL OVERHEAD DOOR

- Style, safety, security, easy to use and versatile.
- Ideal door to maintain a constant temperature inside.
- Saves space.
- Less power consumption for large openings.
- Used in car parkings, private garages, showrooms & utilities area



Warehouse



Manufacturing Plant



Loading Bay Area's



Automobile Industry



Food Industry



Pharmaceutical Industry

# DOCK LEVELERS

Avians Dock Leveler is one of the simplest equipment designed according to the Indian conditions, continuous operations for not only helping the loading and unloading the vehicles easily but also reducing the dispatch time & efforts of the vehicles significantly.

High-quality docking system with an optimal cost/performance ratio which meets all requirements of the latest European standard EN 1398 and is CE marked & operated with only single push button.



## FEATURES:

- These Dock Levelers are placed at the exterior of the building in a loading bay.
- Robust construction with anti skid MS chequered plate made up of ST 52 steel.
- There are types of dock levelers - Standard Lip & Telescopic Lip dock levelers & Edge type dock levelers.
- Rubber bumpers are fixed at the front side of Dock Levelers to prevent damage of it's structure.
- Dock levers can be provided upto 4000 mm platform length.
- Various accessories available like Rubber bumper, Vehicle restrainer, wheel choke, wheel guide, traffic light.



## HYDRAULIC DOCK LEVELER

- Made of heavy duty corrosion-resistant steel.
- Anti skid chequered platform to avoid any accidents.
- Double effect lift cylinder, Single effect Lip cylinder.
- High strength power pack.
- Easy in pit installation.



## TELESCOPIC LIP DOCK LEVELER

- Automatic lip extension.
- Best suited option where bigger reach and range are required.
- Robust & Reliable.
- Optimum safety.
- Versatile, wide range of lip lengths & capacities.



## EDGE TYPE DOCK LEVELER

- Anti slip chequered plate.
- High performance power pack.
- Customization as per application.
- In case of power failure, the Dock Leveler will remain at the current position.
- Manual & hydraulic edge options available.



Industrial Sector



Chemical Industry



Warehouse



Retail Industry



Cold Storage



Logistic Area

# DOCK HOUSE, DOCK SEAL & SHELTERS

Avians offers CE certified Dock Shelters available for all kind of usage and situation from the outside cold conditions or the chilled ones from outside heat and also from rain, breeze, snow & dirt. Our range of Dock Shelters and Dock Seals such as retractable dock shelters & inflatable dock shelters are form an effective seal between the truck, trailer & building and are most suitable at sites when a tight seal is needed. Dock seals by design take up less space on the outside of the dock, so if space is an issue then this may be the route that makes sense.



## ACCESSORIES



Rubber Bumper



Vehicle Restrainer



Wheel Choke



Wheel Guide



Traffic Light

## FEATURES:

- Light reflecting stripes help accurate truck parking.
- Retracting construction.
- Temperature & dust control.
- Curtains made form PVC fabric with high tensile strength.
- Various size vehicle can be adjusted.

### Types of dock shelter



Retractable Type



Inflatable Type



Cushion Type

### RETRACTABLE DOCK SHELTER

- Provides improved working conditions and reduces the draught into the building.
- Opaque Black of 3 mm thick PVC fabric.
- Tough abrasion resistant fabrics makes this unit an excellent long lasting investment.
- Prevent entry of dust, foreign particle with help of side sealing arrangement.
- Customised as per site condition.



### INFLATABLE DOCK SHELTER

- It is intended for customers who want to protect their goods against the effects of the weather conditions.
- These are intended for cold stores, food industries and air-conditioned storage rooms.
- Sturdy construction with protective curtains.
- Excellent air tight sealing is provided for wide variety of vehicles.

### CUSHION DOCK SHELTER

- Idyllic solution for controlled temperature.
- High degree of wear resistance and withstand at extreme temperatures.
- Perfect on wind resistance performance , dust proof, water-proof.
- The cushion dock shelters ensure best draught seals and insulation is achieved.
- High quality reflective strips.



# MOTORIZED ENTRANCE GATES

Automatic gates with CE certified standards are used to control access into a secured area. Most commonly, automatic gates are used at the entrance to the facility. Motorized gates are suited for industrial, commercial, residential premises. Motorized sliding gates are safe and convenient entrance systems with their biggest advantage being that they allow access that is hands-free.

Sliding gates can be connected to PLC system & and BMS (building management system).

**K4/K8/K12 Crash Rated Gates** are also available to secure a perimeter.



Industrial Sector



Automobile Industry



Logistic



Commercial Space



Residential Space



Warehouse



## MOTORIZED SLIDING GATE

- Available in single side or double side sliding to suit actual site condition.
- Can be manually operated in case of power failure.
- Tested graded steel are used for the manufacturing of these Sliding Gate.
- The gates can be incorporated with various operational/Safety accessories.
- Flexible integration.



## MOTORIZED CANTILEVER GATE

- Trackless gates and improved reverse motion mechanism.
- No track or any obstacle in opening area.
- Have no ground track in the roadway hence vehicle does not experience any collisions.
- Aesthetically appealing.
- Specially designed cantilever track and rollers for longer life.



## MOTORIZED TELESCOPIC GATE

- Allow extremely large openings.
- These are manufactured in two or three gate panels and therefore reduce the required back run/parking space.
- Operated by specially design telescopic gates mechanism to meet final position of all panels are reached simultaneously.
- Manual operation in case of power failure.
- Weather resistance.



## MOTORIZED SWING GATE

- The gates can be designed to swing either inward or outward.
- Swing gates are widely used in industrial, commercial and residential.
- Customised designs as per client requirement.
- Dust proof operating mechanism increases the life of our gates.
- Drive options as per requirement.

# EXTRA LARGE HANGAR DOORS

Avians hangar doors are specially designed for easy, smooth & safe operation and requires minimum service & maintenance. With the aid of our skilled approach, we have introduced Industrial Hangar Door used specifically in aviation sector. These doors are designed specifically using finest quality materials and latest technology, imparted with optimum safety features and usability.



## FEATURES:

- Flexible and robust design offers long-term durability.
- Hangar door is designed as a unitary system to withstand specified wind load.
- Available as a single/ bi parting and multiple bottom track door leaf system and can be almost unlimited in size.
- Hangar door systems are available in steel and PVC fabric material.
- Industrial Hangar Doors need low maintenance.

## METAL HANGAR DOOR

- Sustain extreme weather conditions.
- Available in any required size.
- Inbuilt wicket door can be provided.
- Doors ideal for large scale exterior door location.
- Maximum efficiency Gearbox & motor system.
- Multi panel/multi track structure.



## PVC FABRIC HANGAR DOOR

- Vision windows can be provided which adds aesthetic value.
- Vertical-lifting fabric door is designed for medium-sized and large openings.
- Designed for high number of operations.
- Available as per required size.
- Fabric hanger doors have strong sealing.

## PRODUCT USP'S

- Rigid construction
- Dimensional accuracy
- Corrosion resistance
- High-grade raw material
- Less maintenance
- High performance



Automobile Industry



Power Sector



Warehouse



Heavy Equipment Industry



Shipyard



Aviation Sector

# AUTOMATIC SLIDING DOORS

Avians Sliding door designed specifically for larger opening dimension & having absolutely no space for door parking. Double walled panels available with various insulations are perfect solution for buildings where good insulation values are required. Door are noiseless & smooth in operations.

Sliding doors are indeed a great customized solution in the entrance door automation system.



Industrial Sector



Warehouse



Power Plant



Clean Room



Airport Hanger



Commercial Sector

## FEATURES:

- Wide range of different appearance as single & double skin insulated panels.
- Available in materials like mild steel, stainless steel, glazed and aluminium sheets.
- Insulation options available PUF, Glass wool, Rock wool.
- In bi-parting door both the drives operate through single compact control unit.
- Also available with easy see through vision window.



## SLIDING DOOR

- Top mounted drive saves floor space.
- No accumulation of dust on the track as the door runs in a concealed track.
- In-built pass doors for pedestrian access.
- Top & bottom hung track.
- Quiet and resistance-free motion.
- High performance & less maintenance.

## TELESCOPIC SLIDING DOOR

- Ideal solution to any large entrance requirements.
- Available in bi-parting suitable where there is less back run space.
- Telescopic panels runs on track smoothly, thanks to high grade single collar bottom wheel technology.
- Maximum opening in minimum space.



## AUTOMATIC GLASS SLIDING DOOR

- Constructed as partly pre-coated panelled/aluminium sheets & partly glazing sheet.
- Actuators such as radar detectors, push buttons, remote control can be added to the control system.
- Compact top cover including drive toothed belt makes unit very compact adding aesthetics value.
- High glazing.
- Elegant aesthetic.

# AUTOMATIC FOLDING DOORS

Folding door can be installed to a varied size of openings. Requiring less back run, folding doors need less space for parking, giving clear opening and eventually reducing the chances of accidents. With both single and bi parting option, puff insulation & other features our folding doors are available in a wide range with remarkable variations. Made of strong metal surfaces, these doors act as a shield against extreme climate conditions.



Industrial Sector



Warehouse



Power Plant



Airport Hanger



Automobile Industry

## FEATURES:

- Top & bottom track facilities.
- Curved track allows the partition to move around corners & park in less space so can get full opening area.
- EPDM profiles are fitted to all vertical edges, providing complete sealing against dust.
- Available as motorised & manual operated version.
- Multi foldable panel structure with single or bi parting type.



## FOLDING DOOR WITH DOUBLE SIDE CLADDING SHEET (NON INSULATED)

- Insulation/Non-Insulation option available.
- Good insulation value.
- Various types of insulations (PUF/Rock Wool).
- Multiple panel door, ease in operation.
- Available with easy see through vision window.
- Noiseless operation.
- EPDM (Ethylene Propylene Diene Monomer) profiles are fitted to all vertical edges, providing complete sealing against dust.



## FOLDING DOOR WITH SINGLE SIDE CLADDING SHEET

- Cladding sheet made of G.I pre coated sheet.
- Various types of insulations (PUF/Rock wool).
- Insulation/Non-insulation option available.
- Ventilation Windows are available.
- In-built pass doors for pedestrian access.
- Provides better durability & safety.
- These can be painted to suit the building asthetice.

## ACCESSORIES



Key Switch



Pull Cord Switch



Magnetic Loop Detector



Vertical Safety Edge Sensor

# Our Exclusive Range Of Physical Access System



Bridge Type Turnstile



Pillar Type Turnstile



Drop Arm Turnstile



Full Height Turnstile



Swing Barrier



P Type Swing Gate



Flap Barrier



Sliding Barrier



Under Vehicle Scanning System (UVSS)



Automatic Number Plate Recognition System (ANPR)



Boom Barrier,  
Standard/Crash Rated



Road Blocker,  
Standard/Crash Rated (K4/K8/K12)



Standard/Crash Rated  
Gate (K4/K8/K12)



Automatic Bollards,  
Standard/Crash Rated (K4/K8/K12)



Tyre Killer

# ABOUT US

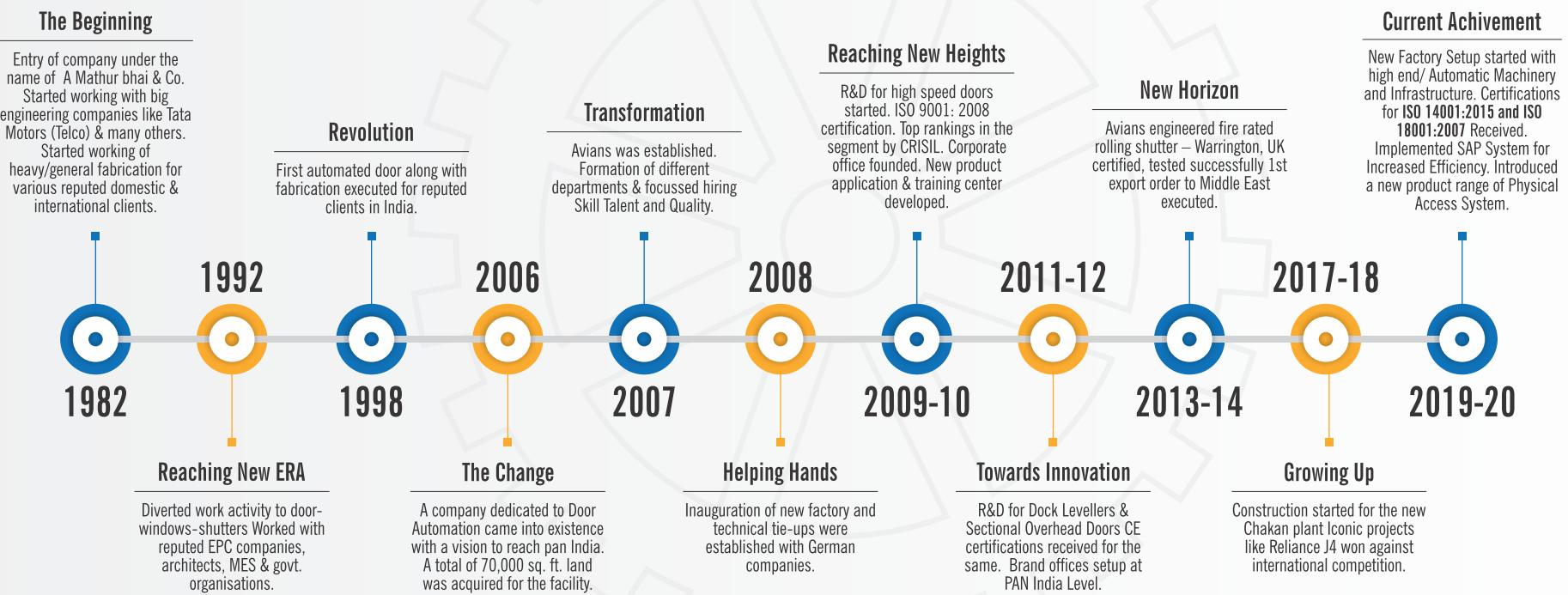
We take immense gratification in introducing ourselves as the pioneer manufacturers & Solution provider for all types of High End Automatic Entrance Doors, Loading Bay Equipments and Physical Access System.

**Avians is one of the pioneer's in bringing innovation and advancement to the field of entrance automation.**

Avians was Set-up through our sustained innovation, service-orientation and commitment to deliver nothing but top-notch products, our high end automatic doors are regarded as quality parameters and trend-setters for the entire industry Avians is an **ISO:9001, ISO:14001 and OHSAS 18001** company with its complete range been certified with CE Standard for the complete array of products. Avians Headquartered at the core of Pune's industrial and automotive area (PCMC), Avians has a 2,80,000 sq ft. plant and warehouse facility. Our facility is meant to be a state-of-the art establishment, backed by 38 years of Legacy, hi-end technology, an advanced suite of tools and machinery in order to optimize our production capacity and address bulk order requirements of Indian and international clients. The company's strong technical backbone and innovative R&D facilities ensure that each product delivers on our promise of quality, precision and innovation. The company's extensive pan India sales and service network presence makes support always in hand.

**Whatever be the nature of your business, Avians has a solution to match every need and purpose.**

## Our Journey



## PHILOSOPHY



## Customer Focus



## Quality



## Innovation

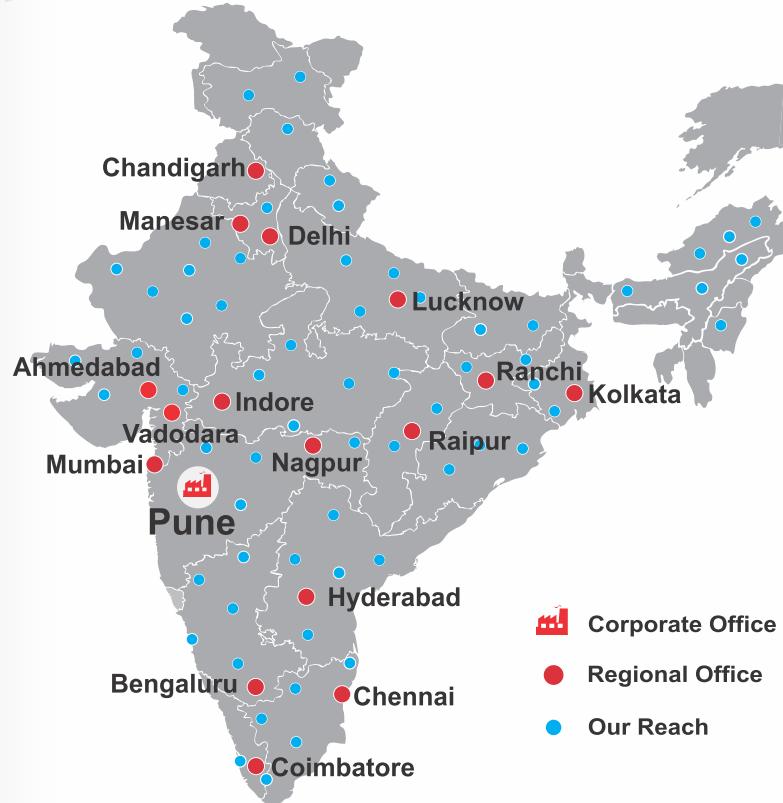


## Product Consultancy



## Promptness

## Our National Presence



## Our Global Presence

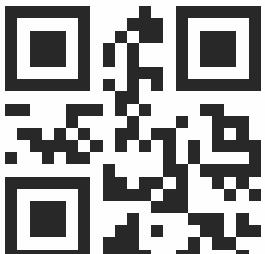


# Avians Innovations Technology Pvt. Ltd.

**Corporate Office:** Gat No. 60-61, Dehu-Moshi Road, Chikhali, Pune-411062, MH, India.

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Follow Us On [www.avians.co.in](http://www.avians.co.in)



**FOR SALES ENQUIRY** +91 20 71 400 600 +91 8390 300 400 [sales@avians.co.in](mailto:sales@avians.co.in)