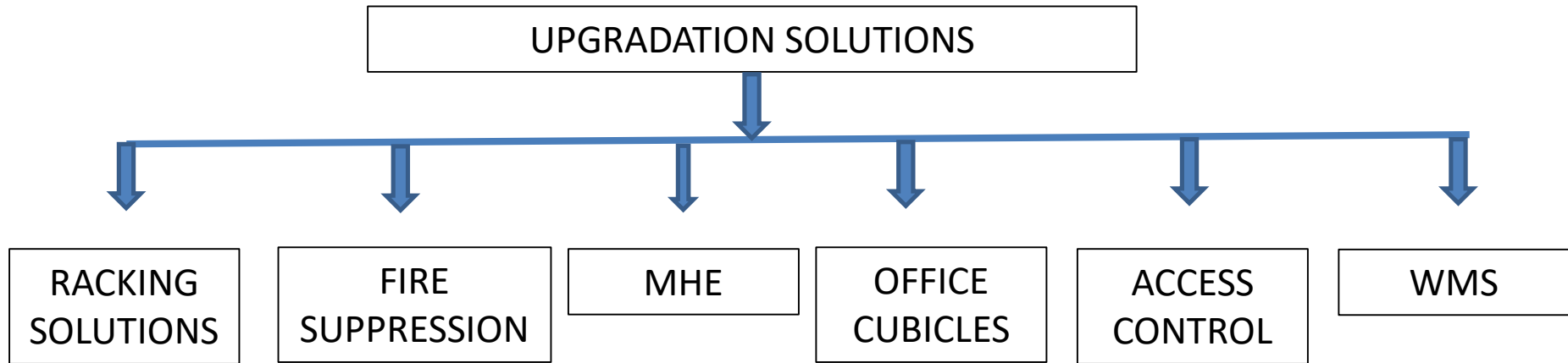


OVERVIEW OF THE PROJECT

UPGRADATION SOLUTION



UPGRADATION SOLUTION

Existing Shed - MT Store (Before)



UPGRADATION SOLUTION

Existing Shed - MT Store (After)



UPGRADATION SOLUTION

Racking System - Heavy Duty Shelving System



UPGRADATION SOLUTION

Existing Shed - Clothing Shed (Before)



UPGRADATION SOLUTION

Existing Shed - Clothing Shed (After)



UPGRADATION SOLUTION

Racking System - Heavy Duty Shelving System



UPGRADATION SOLUTION

Existing Shed – Shed 3 (Before)



UPGRADATION SOLUTION

Existing Shed – Shed 3 (After)



UPGRADATION SOLUTION

Racking System - Heavy Duty Shelving System



UPGRADATION SOLUTION

Existing Shed – Tyre Shed (Before)



UPGRADATION SOLUTION

Existing Shed – Tyre Shed (After)



UPGRADATION SOLUTION

Racking System – Selective Pallet
Racking System



UPGRADATION SOLUTION

Rack Clad Shed – Multi Tier Shelving
System- Before



UPGRADATION SOLUTION

Rack Clad Shed – Multi Tier Shelving System- After



UPGRADATION SOLUTION

RACKING SOLUTIONS

MULTI TIER SHELVING

Optimized for storing and picking non-palletized items, a wide range of materials, bins, loose objects, cartons, and so on. Craftsman's Multi-Tier Shelving solution is very beneficial when floor space is limited. Our shelving solutions can be customized and tailored to meet your specific needs. Depending on the floor loading need and trolley/hand pallet truck movement, we offer a variety of perforated, embossed catwalk panels, welded gratings, and other solutions.



UPGRADATION SOLUTION

RACKING SOLUTIONS

VRC - VERTICAL RECIPROCATING CONVEYOR

Vertical Reciprocating Conveyors (VRCs), also known as "Goods Lift" are a vital element of any multi-tier or multi-level Shelving Storage system. Our Vertical Reciprocating Conveyors allow you to transfer items in warehouses, factories, industrial plants, institutions, or any other establishment where products or supplies need to move from one level to another.



MODERNIZATION SOLUTION

VERTICAL STORAGE CAROUSEL

VSTORE ROTO

V STORE ROTO is a system of rotating shelves that move up or down along a tracking guide in response to operator commands. Items are delivered quickly and directly to the operator, for enhanced throughput and productivity. Our vertical storage and retrieval Systems with a small footprint, high density, V Store Roto makes maximum use of floor space and Offers cost-effective, efficient, quick and ergonomic solutions to meet your storage and retrieval needs.

TECHNICAL DETAILS

- Maximizes available overhead space while freeing valuable floor space.
- Fully enclosed carrier guiding System.
- System rotates in clockwise or anticlockwise direction to select the shortest possible path.
- Additional pick opening areas & Counters (up to 4) may be added to provide multi-user access.
- Carriers available in a variety of Pitches, width and depths and styles.
- Cognitively designed user Interface allows for fast and accurate pick.
- Ergonomically designed counters for Operator comfort, safety and Accessibility.
- Product protection photocells and light curtain operator Protections are provided on every unit.
- Front maintenance access Panels allowing Side-by-side or back-to-back Configuration of multiple units.



With small footprint, V STORE ROTO can recover as much as 75% of the floor space.



<https://www.youtube.com/watch?v=MgRGJQttN5s&t=21s>

UPGRADATION SOLUTION

FIRE SUPPRESSION SYSTEM



FIRE SUPPRESSION SYSTEM

CEILING MOUNTED UNITS



FIRE DETECTION AND ALARM DEVICES



CONTROL PANEL



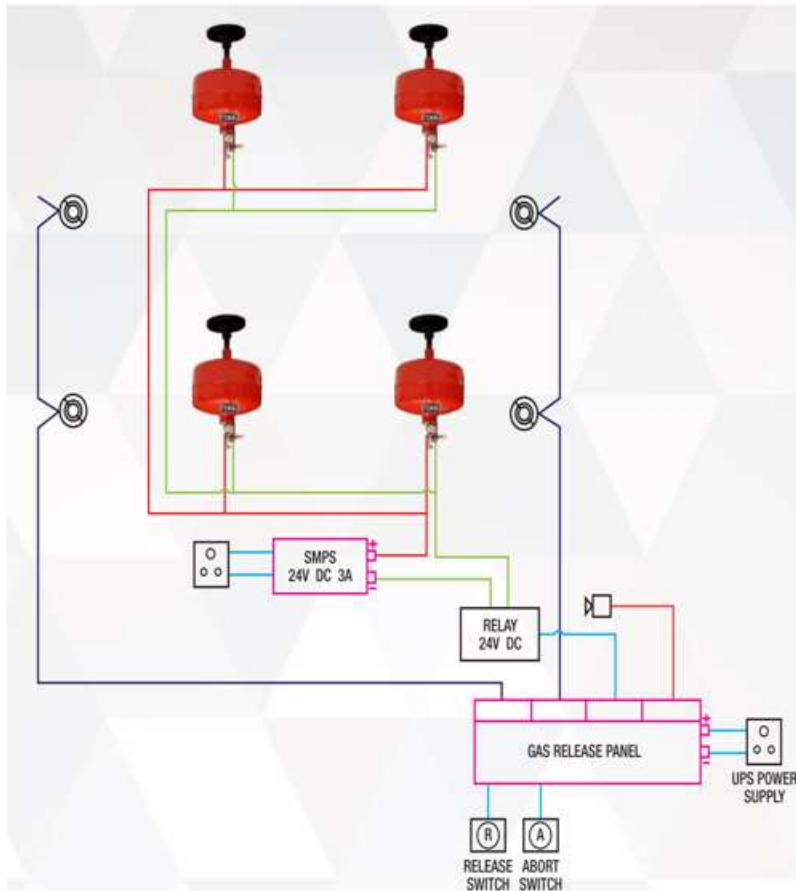
- ✓ Pre-Engineered Retrofittable Fire Suppression System.
- ✓ An automated smart network of ceiling mounted stored-pressure containers with MAP 90 extinguishing agent.
 - ✓ System containers are attached to specially designed nozzles to ensure optimum use of extinguishing agent.
 - ✓ System containers are fitted with Metron Actuator and Quartzoid Bulb detection for activation of the system.
- ✓ An array of detection devices like smoke detectors, heat detectors, multi-detectors etc. connected to the Fire Extinguishing Control Panel.
- ✓ Fire Extinguishing Control Panel receives the signals from detectors and actuates the agent containers to achieve the desired extinguishing / total flooding of the area.
- ✓ Manual Abort & Manual Activation feature for manual intervention.
- ✓ Designed with smart and sensitive features, it minimizes the possibility of false activation and safeguards the premises.

UPGRADATION SOLUTION

FIRE SUPPRESSION SYSTEM



FIRE SUPPRESSION SYSTEM



- ✓ System actuates on the **principle of cross-zoning**.
 - ✓ Only when two or more detectors from two separate zones confirm the fire detection to the control panel, the panel sends an activation signal to the containers.
 - ✓ The activation signal is sent to the **Metron Actuator** of agent containers in the form of an electrical impulse.
 - ✓ On receiving this electrical impulse system containers are activated, triggering the discharge of the agent through specially designed nozzles.
- ✓ Doesn't demand any structural change neither consumes the floor space nor leads to down time, as this innovative system is mounted on the ceiling of the space.
- ✓ Main Features:
 - ✓ Requires Minimal Fittings & Productive Space
 - ✓ **Cost effective solution**
 - ✓ Easy to install & tamper proof by design
 - ✓ **System as per Make in India Policy. Adherence to Class I / Class II Supplier of MII.**

UPGRADATION SOLUTION

FIRE SUPPRESSION SYSTEM



FIRE SUPPRESSION SYSTEM



✓ Product Brochure:



✓ Demo Video URL:

✓ <https://www.youtube.com/watch?v=FVfVmhjPXok>

✓ <https://www.youtube.com/watch?v=dDPMXfYimRc&t=257s>

FIGHTS CLASS

A B C ⚡

CERTIFYING BODY



STANDARDS

PED

CERTIFICATIONS

CE₁₁₂₈

UPGRADATION SOLUTION

MATERIAL HANDLING EQUIPMENTS

REACH TRUCK



Belt Conveyor



UPGRADATION SOLUTION

MATERIAL HANDLING EQUIPMENTS

HAND PALLET TRUCK



PLASTIC PALLETS



UPGRADATION SOLUTION

MATERIAL HANDLING EQUIPMENTS

Wheel Barrow Electric



UPGRADATION SOLUTION

OFFICE CUBICLE

CHAIR



TABLE



FILING CABINET



UPGRADATION SOLUTION

OFFICE CUBICLE

AIR CONDITIONER



ALUMINUM PARTITION



UPGRADATION SOLUTION

ACCESS CONTROL

Godrej Automated Locker for Mobiles

Alarm sensing and logging

- Locker door forced open.
- Locker door left open.
- Mains fail / backup battery Low.
- Logs operation events accurately
- Works in standalone mode and in networked mode
- A colour Graphic LCD and keypad provides user interface.
- Simple messages are displayed on the graphic LCD for the user.
- Audio: Multiple melodies for different events
- "Open all lockers" override mode for administrator.
- Alarm contact outputs for remote external
- Modular design: each module has 8 mini Lockers.
- The design is expandable (from 8 to 128 mobiles).
- Power supply: 220-230V ac/50Hz.
- Battery backup power supply for 4hours.
- RFID Card reading & processing time < 200ms.
- Typical locker operation time ~ 3-10Sec.
- Environment: Temperature 0-55 Deg. C, RH 0-95%.

Software features

- Accessible from browser on networked PCs
- Maintains master register of lockers & Users
- Tracks Locker Access
- Provides reports of lockers occupied for extended
- Archives locker access history over a period of
- Generates reports of locker usage, for a
- User-friendly interface
- Multi User login password and rights



One column of 410mm W x 1800 mm H x 400 mm D to 40 mobile lockers, each **locker size 150mm width, 290mm depth 68 mm Height. Such Three columns can be deployed to get 120 lockers at single location.**

<https://www.youtube.com/watch?v=SdHI2BxWkic>

UPGRADATION SOLUTION

WAREHOUSE MANAGEMNET SYSTEM

