

Smart Data Center (SDC)

Enclosure Solutions aesthetically designed for Networking and IT.



What is an SDC?

An SDC can be defined or described as a pre-configured and assembled enclosure which is self-contained and offers storage solutions that takes up minimal room for IT deployment.

Why is an SDC Required?

An SDC acts as a an ALL IN ONE Perfect Solution which offers the comfort to standardize deployments around the IT World.

Also, where IT is not a core business of a particular entity, An SDC acts as a single unit to store all office data, operations etc., which offers next-level storage solution in the 21st Century.



Benefits of Smart Data Center By MRS

1) Security and Safety

- ✓ Most Secured IT Enclosure
- ✓ Biometric Locks
- ✓ Inbuilt Software with lifetime subscription. Remote Monitoring and Opening options.
- ✓ Live View of Rack Operations
- ✓ Complete Audit Log Available

2) Environmental Monitoring

- ✓ Temperature and Humidity indicators inside the SDC enables environmental monitoring inside the rack.
- ✓ Temperature is measured at 3 Points and Humidity is measured/recorded at 1 point anywhere in the rack.



Benefits of Smart Data Center By MRS

3) Integrated Cooling for Heat Management

- ✓ The SDC is pre-installed/configured with an In-Rack AC Unit.
- ✓ This Unit Completely works on Inverter Mode.
- ✓ 2 Models are available. Firstly, 3.5 KW in-rack model. Secondly, 7 KW which is available both in In-Rack and In-Row options.

4) Trouble Shooting

- ✓ Rack Light Indicator (Blue to Red)
- ✓ Rear Door Opens automatically.



Benefits of Smart Data Center By MRS

5) Power Usage Effectiveness

- ✓ Power Usage inside the SDC is made sure to be efficient.
- ✓ MRS provides the least PUE

6) Integrated UPS

- ✓ In Built 5/6 KVA UPS with Battery Bank.
- ✓ This acts as an Emergency Backup Power in times of any alterations.
- ✓ In case more power is required, UPS capacity may be upgraded upon request.



Benefits of Smart Data Center By MRS

7) Fire Detection and Suppressant

- ✓ A Self-contained fire detection and suppression system integrated inside the rack to offer protection from Fire Hazards.
- ✓ Any incident happening in the rack will be stubbed out within 40 Seconds.
- ✓ Captures and reports through the integrated software connected to your network. In fact all the components inside the SDC are connected to your network.

8) Advanced Power Distribution Module(PDM)

- ✓ Our Power distribution module (PDM) is a one-of-a-kind innovation installed inside the SDC to distribute power supply to all the components.
- ✓ The PDM is Intelligent by nature. It gives branch level information of the power usage of all the components in the SDC.
- ✓ It can provide data in KVA, KW, KWH, power factor and an entire range of electrical parameters.



Benefits of Smart Data Center By MRS

9) Camera Surveillance

- ✓ Our SDC has an installed IP camera which offers complete recording of the events.
- ✓ Provision for 1 TB Storage capacity.
- ✓ There is a set perimeter near the rack where pictures are captured and sent to the admin/IT team.
- ✓ File transfer protocol is enabled (FTP).

10) Rack Power Distribution

- ✓ Zero U / Vertical PDU
- ✓ 24 Sockets of IEC C13+ 4 Sockets of IEC C19 (Customization Available on request)
- ✓ PDU level metering for parameters like Current etc.,
- ✓ Specialty of our SDC is that it allows the customer to mount any Global PDU with Industry Standards i.e., our SDC is Vendor Neutral by Nature.



Benefits of Smart Data Center By MRS

11) Water Leakage Detection(WLD) and Rodent Repellant System(RPS)

- ✓ WLD and RPS are a part of our SDC by default to enable protection to the equipment and devices inside the rack.

12) Insulation

- ✓ Our SDC is completely insulated.
- ✓ This happens to be a specialty because we offer this feature as a default to all our SDCs unlike any other players in the market today who offer this feature as an option.

