SmartRow™ for Dell EMC Federal Enterprise Solutions
A complete Vertiv™ data center designed to support Dell EMC equipment

- **Room neutral** - No need to renovate a room, put nearly anywhere
- **Physically Secure** - remote access, control and indication; lock options
- **Flexible** – Rapidly scale capacity and easily expand over time

SmartRow™ Quoting Process

DELLEMC
Equipment
+
SmartRow
+
DELLEMC
Services

1. Determine Dell EMC Equipment BOM
2. Register Opportunity
3. Rapidly quote with reference SmartRow and Dell EMC Services
4. Vertiv site walk to confirm SmartRow BOM
5. Dell delivers final BOM to customer

SmartRow DCX Reference BOMs

42U Equipment Racks	2, 4, 7
Maximum kW/Rack	8.6
UPS System Redundancy	N+1
Cooling System Redundancy	N+1
Automatic Backup Ventilation	Incl.
UPS Battery runtime, minimum	5 min.
Complete Power Distribution	Incl.
Rack PDUs	Incl.
Bumper-to-Bumper warranty	1 yr

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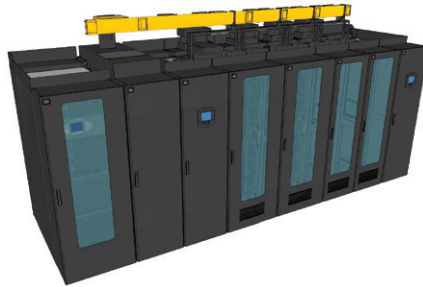Vertiv, Liebert, Avocent
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PDU/UPS Configurator:
www.dellkvm.com/gotPDU

2 Racks

4 Racks

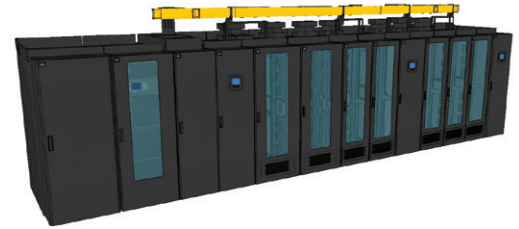**7 Racks**

Expansion Channels, Rear
Isolate the SmartRow™ from its surroundings, increasing security and energy efficiency while reducing site dependency

Appearance Trim
Helps provide a clean installation

Backup Batteries
Modular and scalable power modules deliver continuous conditioned power

Bypass Cabinet
Allows for UPS maintenance while still powering the IT equipment

UPS System
Modular and scalable power modules deliver continuous conditioned power

Power Distribution
Expandable distribution with multiple connection types

Expansion Channels, Front
Ensure conditioned air reaches row equipment and reduces the sound level of the system

Fire Suppression
Dry-agent suppression protects the SmartRow and rack-mounted IT equipment

Emergency Ventilation Fans
Automatically activate during a loss of primary cooling

Primary Cooling
Rack-mount and UPS heat is efficiently and reliably rejected year round

Cable Trays
Help manage copper and fiber

Redundant Cooling
The high efficiency cooling system is fully redundant to ensure maximum uptime

Server Racks with Rack-PDUs
Pre-configured 42U racks optimized for compute and storage in a minimal footprint

Networking Racks with Rack-PDUs
Pre-configured 42U racks optimized for high volume of cables and side breathing equipment

Outdoor Heat Rejection
Reliable year round performance in all climates

VERTIV™   DELLEMC