

# smc PLATINUM™ SERVER CABINET

*Designed with today's servers in mind*

e-Systems Group | EDP SMC

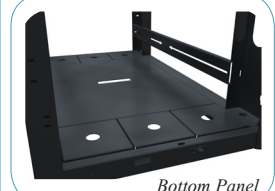
Platinum Server Cabinet addresses the complexity of today's data center management challenges. The Platinum SER Cabinet meets or exceeds all third part 19" EIA 310-D Cabinet requirements for power, cabling, and ventilation. This feature rich, flexibly design.



Platinum Server Cabinet



PDU



Bottom Panel



Structural Frame

## Key Performance Features

### Convenience

**Installation Height:** Standard 79" height fits through standard doors without tilting.

**Door Hinges:** Standard concealed hinges

**Numbered "U" Positions:** Labeled "U" positions on rack mount rails simplify the installation of rack mounted devices.

**Numbered Rails:** Front-to-rear rails labeled in inches make adjusting the rear rails simple.

**Extra Depth:** 6" deep corner posts maximize power and cable management, while allowing easy access from the interior.

**Shipment:** Units ship fully assembled, reducing installation time.

### Protection

**Security:** Field upgrades to **Secure** or **Smart** Technology provide keypad entry and remote monitoring when security is a must.

**Locking:** Doors and end panels feature anti-pick, tubular locks, preventing surrepitous entry.

**Structural Stability:** A proven frame design, welded heavy gauge front-to-rear rails and heavy-duty steel casters provide 2000 lb. static and dynamic ratings.

**Temperature Display:** Optional temperature display provides easy to read monitoring of interior temperature (affixed to door).

**Warranty:** A limited lifetime warranty applies.

### Serviceability

**End Panels:** Quick release end panels allow fast and easy access to the interior.

**Base Plate:** Optional removable base plate offers a large opening for easy access, ventilation or extra storage.

**Leveling Feet:** Easy access leveling feet provide fast adjustment with or without servers installed.

**Reversible Doors:** Door opening direction can be reversed on location as swing requirements change.

**Top Plate:** Modular design allows for numerous applications for cooling and cabling solutions.

### Flexibility

**Versatile:** This model is available in both 42U and 44U configurations to meet most popular configuration needs. (36" and 42" depths)

**Expandable:** Platinum Server accepts an additional 6" power and cable management frame which provides exceptional cable management and power expansion depth.

**Copper or Fiber Cable Access:** Multiple cable openings and troughs throughout, combined with optional fiber optic grommets, offer versatility in cable management and access where it's really needed.

**Scalability:** The uniquely designed corner post attachment allows ganging from the interior, simplifying row expansion.

**Ventilation:** Optional top mounted or rear door fans provide options when choosing the correct ventilation solution.

Data Center Solutions

[www.dcsolutions.e-systemsgroup.com](http://www.dcsolutions.e-systemsgroup.com)

800.432.1337

## ***Specifications***

- Exceeds all third party 19" EIA 310-D cabinet requirements for power, cabling, and ventilation.
- Front to back compatible with existing Platinum frames and components
- Smart Technology option compatible
- All steel construction fabricated from 12 & 14 Ga CRS
- (4) Leveling feet
- Built in caster mounting brackets to accommodate optional castors
- Maximum load capacity is 2000 lbs with leveling feet
- Open base design
- Open top design
- Reinforced base plate to accommodate optional Seismic mounting ability
- Welded-in front to rear rail mounting adjustment mechanisms
- Front-to-Rear rails are numbered in one-inch increments
- Zero "U" side mounted (outside the front to rear rail brackets) cable management and power management options up to 1.75" thickness.
- 6" x 2 1/2" (36" and 42" frames) rear power and or cable management channel outside of the "U" pocket
- Doors can be mounted to swing left or right and can be retrofitted in the field without any special tools.
- Front door is of welded frame construction and comes with Mesh that provides 63% open area of ventilation
- Concealed door hinges are standard
- Rear door is of welded frame construction and comes with mesh the provides 80% open area of ventilation
- 180 degree open door hinges standard on rear door
- Cam locks on doors standard
- Supports cooling solutions
- Ships fully assembled

## ***Popular Options***

- Rails (Sq Cage Nut, Tapped, Markings, etc.)
- Modular bases and modular tops
- Cable management components
- Power features
- Side panels
- Extension frame for 36" and 42" frames
- Grounding units



Data Center Solutions: Enclosures, Technology + Services

**e-Systems Group, LLC - Manufacturing**  
100 Progress Parkway  
Conklin, NY 13748  
800.432.1337

**e-Systems Group, LLC - Western Showroom Location**  
1250 West 124th Avenue  
Westminster, CO 80234  
800.432.1337