e-Systems Group | EDP SMC

Manufacturing Mission Critical Solutions

PLATINUM 2.0 ENCLOSURE SERIES

SPECIFICATIONS GUIDE

2013 EDITION

TABLE OF CONTENTS

SECTION	Page
Platinum 2.0 General Features	3
Platinum 2.0 Specifications	4
Platinum 2.0 Sample Configuration	5
Platinum 2.0 Basic Series	6
Platinum 2.0 Server Series	11
Platinum 2.0 Blade Series	20
Platinum 2.0 Network Series	29
Platinum 2.0 Accessories & Components	35
Platinum 2.0 Color Options	46
Company Green Statement	47
About e-Systems Group	48

All prices reflected in this manual are USD.

Product specifications, listings and related pricing are subject to improvements or changes without advanced notice from the manufacturer.

PLATINUM 2.0 GENERAL FEATURES

Platinum 2.0 is the latest generation platform in a long tradition of SMC and EDP enclosure product lines. Designed to meet prevailing data center needs and with the ability to integrate leading power, cooling, and cable management solutions, the Platinum 2.0 series can fit most any IT need and OEM equipment compliance.

Features

Frames	Welded steel contruction for maximum strength and rigidity
	(4) Adjustable leveling glides (2" range)
	Optional heavy duty casters for easy movement (adds 3.6" to overall height)
	(8) Welded front-to-rear stabilizers for vertical rack mount rails
	(2) Removable vertical power (PDU*) and cable management plates (36″ & 42″ deep frames)
	(4) Removable vertical power (PDU*) and cable management plates (48″ deep frames)
	Reinforced base to accommodate optional seismic mounting
	Integrated ganging holes for easy joinging of cabinets in row (necessary hardware included)
	*PDU plates accept "Zero U" mounting of most supplier's PDU products using tool-less button mounting. PDU should be no wider than 2.125" and maximum vertical height of 77.125" for 44U frames or 73.625" for 42U frames.
Rack Mount Rail Kits	Each kit includes (4) vertical rails meeting EIA-310-D 19" rack mount standard*
	Kit includes set of 50 screws and cage nuts meeting specified US or Metric sizes
	Rail placement can be moved without tools unless otherwise stated
	All rails labeled per U unless otherwise specified
	*23" wide rack mount option available in Blade Series
Doors*	81% Perforated steel mesh used for maximum airflow
	180° hinges for ease of equipment mounting or removal (can be mounted left or right hinge)
	Interchangeable locking swing handles with multiple keyed and electronic options (not applicable to Basic Series Door)
	*Each door adds 1-3/8" to overall frame depth
Top and Bottom Panels	Range of brush grommets available in top and bottom inserts for sealed-air cable access
	Include self tapping screws for locking interchaneable panels in place
Exterior Side Panels	Half height panels for easy removal and storage
	(1) Integrated cam lock for securing each removable panel
	Each set covers one side (left or right) of cabinet
	(2) Recessed handles per panel
Interior Side Panels	Each set covers one side (left or right) of cabinet*
	*Interior panels do not cover unused PDU mounting holes; PDU plate covers available
Finish	Durable epoxy powder coat finish
Accessories/Components	Range of tool-less mounted cable management options available
	Multiple grounding kit options for various applications

PLATINUM 2.0 GENERAL SPECIFICATIONS

Specifications

Frame	14 ga Cold Rolled Steel
Mounting Rails	12 ga Cold Rolled Steel
Doors	16 ga Cold Rolled Steel
Top/Bottom Inserts	14 ga Cold Rolled Steel
Side Panels	18 ga Cold Rolled Steel
Height	42U: 77" (80.5" w/Caster Kit)
	44: 80.5" (84" w/Caster Kit)
Basic Series	24" Wide
	36" Deep
Server Series	24" Wide
	42" or 48" Deep
Blade Series	30" Wide
	42" or 48" Deep
Network Series	36" or 42" Wide
	42" or 48" Deep
Load Capacity	3,000 lbs. (Static)
	3,000 lbs. (Dynamic)

PLATINUM 2.0 SAMPLE CONFIGURATION

Platinum 2.0 Server Series Cabinet
Fully Configured P2 Server, 44U, 48D

ITEM NO	DESCRIPTION	QUANTITY
PT20005	FRAME, SERVER, 44U 48"D	1
PT20503	CASTER KIT, 24" W	1
PT20178	RAIL KIT, BASIC/SERVER/NETWORK, 44U, TOOLESS (INCLUDES 10-32 HW HARDWARE)	1
PT20717	DOOR, SERVER, 180-DEGREE HINGE, MESH, 44U	2
PT20314	SWING HANDLE KIT, KEYED ALIKE	2
PT20209	TOP, SERVER, ROUND BRUSH GROMMET (2X), 48" D	1
PT20112	BOTTOM, SERVER, SOLID, 48" D	1
PT20150	GROUND KIT, GROUNDING LUG, FRAME MOUNT	1
BK04	COLOR: BLACK HAMMERED	1
OPTIONS		
PT20615	INTERIOR SECURITY PANEL, 2 PIECE , 44U X 48" D	1
PT20610	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 44U X 48" D	1

OVERVIEW: BASIC PLATINUM 2.0 CABINET

Basic Cabinet

Basic Cabinet

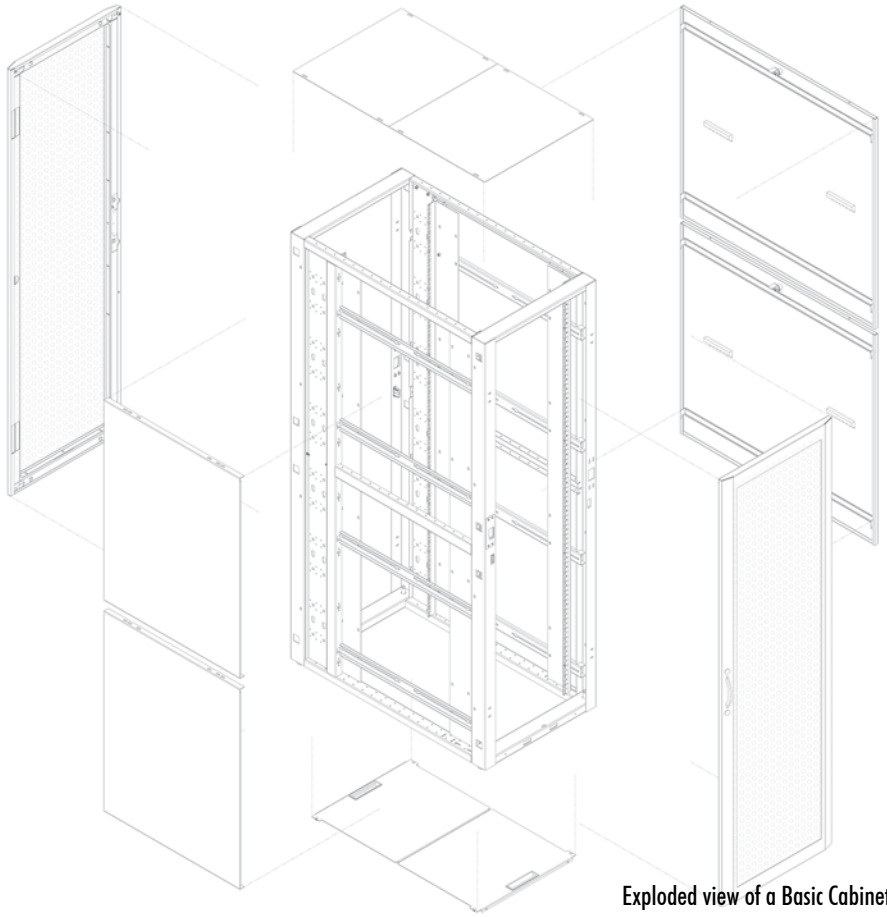
Designed as our most price-competitive model and a means to add a P2 cabinet to legacy Platinum cabinets

Dimensions:

- Width: 24"
- Height: 42U or 44U
- Depth: 36"
- Rack Mount: 19" EIA-310-D
- Static Load Limit: 3,000 lbs
- Dynamic Load Limit: 3,000 lbs

Ideal uses:

- Colocation facilities
- Low density installations
- Adding to existing Platinum 1.0 installations



Exploded view of a Basic Cabinet Configuration

COMPONENTS: BASIC FRAME & RAIL KIT

BASIC FRAME

ITEM NO	DESCRIPTION
PT20002	FRAME, BASIC, 42U
PT20001	FRAME, BASIC, 44U

Optional Caster Kit

PT20503	CASTER KIT, 24" W

BASIC RAIL KIT

ITEM NO	DESCRIPTION
PT21098	RAIL KIT, BASIC/SERVER/NETWORK, 42U, 10-32 HW, NON-TOOLESS
PT20327	RAIL KIT, BASIC/SERVER/NETWORK, 42U, 6MM HW, NON-TOOLESS
PT21251	RAIL KIT, BASIC/SERVER/NETWORK, 44U, 10-32 HW, NON-TOOLESS
PT20326	RAIL KIT, BASIC/SERVER/NETWORK, 44U, 6MM HW, NON-TOOLESS

Notes:

Rails are field adjustable via use of tools.
Rail kit includes (1) 50 piece set of 10-32 or 6MM mounting hardware.

COMPONENT: BASIC DOOR

BASIC DOOR

ITEM NO	DESCRIPTION
PT20053	DOOR, BASIC, 180 DEGREE HINGES, MESH, 42U
PT20052	DOOR, BASIC, 180 DEGREE HINGES, MESH, 44U

Note:
Cam lock ready; lock kit must be ordered separately (below).

STRAIGHT KEY CAM LOCK

ITEM NO	DESCRIPTION
PT20080	CAM LOCK WITH STRAIGHT KEY, KEYED ALIKE

All stainless steel construction.
Black finish.
Two keys per lock.
CH751 key blank.

TUBULAR KEY CAM LOCK

ITEM NO	DESCRIPTION
PT20365	CAM LOCK WITH ANTI-PICK TUBULAR KEY, KEYED ALIKE

All brass construction.
Center plug contains anti-drill pin for added security.
Polished nickel finish.
Two keys per lock.
D137-CLC key blank.

Basic door handle

Straight Cam Lock

Tubular Cam Lock

COMPONENT: BASIC TOP & BOTTOM PANELS

BASIC SOLID TOP

ITEM NO	DESCRIPTION
PT20094	TOP, BASIC, SOLID

Top is equipped with the following:
(2) Solid steel panels.

BASIC MESH TOP

ITEM NO	DESCRIPTION
PT20247	TOP, BASIC, MESH

Top is equipped with the following:
(1) Panel with 81% mesh.

BASIC SOLID BOTTOM

ITEM NO	DESCRIPTION
PT20114	BOTTOM, BASIC, SOLID

Bottom is equipped with the following:
(2) Solid steel panels.
(1) Recessed lift handle in each panel.

COMPONENT: EXTERIOR / INTERIOR PANELS

EXTERIOR END PANEL

ITEM NO	DESCRIPTION
PT20135	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 42U X 36" D
PT20134	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 44U X 36" D

Note:
Exterior end panels add 7/8" to overall cabinet width

INTERIOR SECURITY PANEL

ITEM NO	DESCRIPTION
PT20145	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 42U X 36" D
PT20144	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 44U X 36" D
PT20383	42U VERTICAL PDU PLATE COVER SET
PT20380	44U VERTICAL PDU PLATE COVER SET

Note:
PDU Cover set fills left or right PDU plate;
two sets needed to cover both sides.

OVERVIEW: SERVER PLATINUM 2.0 CABINET

Server Cabinet

Server Cabinet

Our standard 19" rack mount server cabinet for most networking, server, and storage needs. Fits the footprint and needs of the modern data center.

Dimensions:

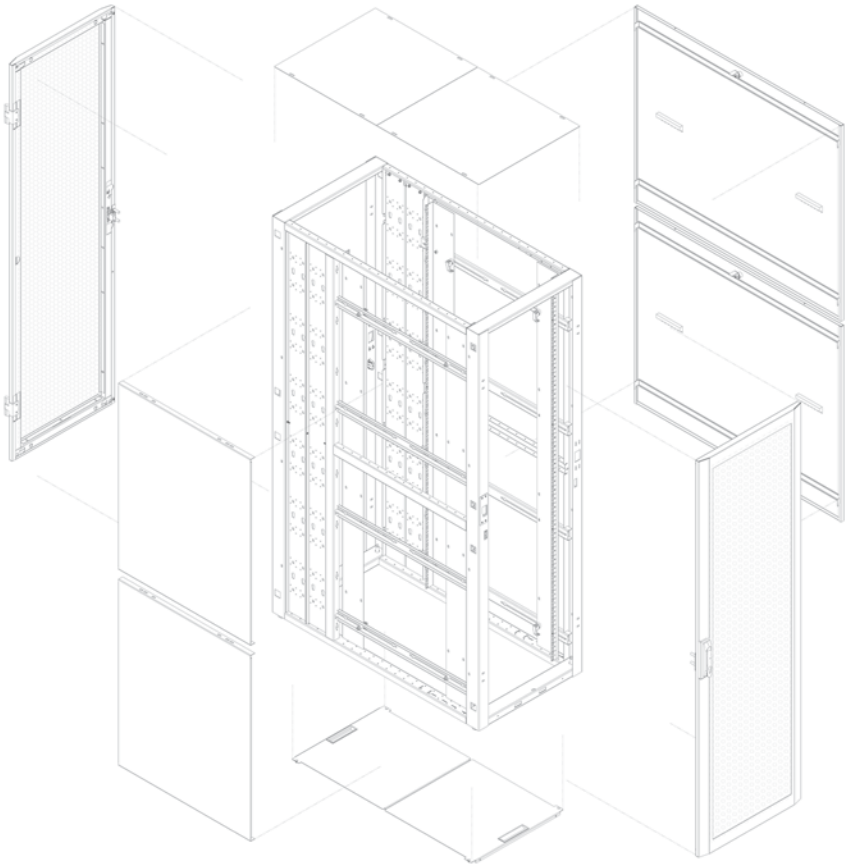
- Width: 24"
- Height: 42U or 44U
- Depth: 42" or 48"
- Rack Mount: 19" EIA-310-D
- Static Load Limit: 3,000 lbs
- Dynamic Load Limit: 3,000 lbs

Key Features:

- Optional decorative door

Ideal uses:

- 19" network, server, or storage equipment racking
- Low to medium density applications



Exploded view of Server Cabinet

COMPONENTS: SERVER FRAME

48" Deep Server Frame shown

SERVER FRAME

ITEM NO	DESCRIPTION
PT20004	FRAME, SERVER, 42U 42"D
PT20006	FRAME, SERVER, 42U 48"D
PT20003	FRAME, SERVER, 44U 42"D
PT20005	FRAME, SERVER, 44U 48"D

Optional caster kit

PT20503	CASTER KIT, 24" W

SERVER RAIL KIT

ITEM NO	DESCRIPTION
PT20332	RAIL KIT, BASIC/SERVER/NETWORK, 42U, 10-32 HW, TOOLLESS
PT20337	RAIL KIT, BASIC/SERVER/NETWORK, 42U, 6MM HW, TOOLLESS
PT20330	RAIL KIT, BASIC/SERVER/NETWORK, 44U, 10-32 HW, TOOLLESS
PT20335	RAIL KIT, BASIC/SERVER/NETWORK, 44U, 6MM HW, TOOLLESS

COMPONENT: SERVER FRAME - COOLCENTRIC READY

Fully configured cabinet shown

SERVER FRAME - COOLCENTRIC READY

ITEM NO	DESCRIPTION
PT20040	FRAME, SERVER, COOLCENTRIC RDHx READY, 42U 42"D
PT20042	FRAME, SERVER, COOLCENTRIC RDHx READY, 42U 48"D
PT20039	FRAME, SERVER, COOLCENTRIC RDHx READY, 44U 42"D
PT20041	FRAME, SERVER, COOLCENTRIC RDHx READY, 44U 48"D

Notes:

Coolcentric-ready model is a Blade frame designed to accept the Coolcentric Rear Door Heat Exchanger
(RDHx) and related system components (ordered separately). Front mesh door required
(see page 14 or 15).

Optional caster kit

PT20503	CASTER KIT, 24" W

SERVER RAIL KIT

ITEM NO	DESCRIPTION
PT20179	RAIL KIT, BASIC/SERVER/NETWORK, 42U, 10-32 HW, TOOLLESS
PT20182	RAIL KIT, BASIC/SERVER/NETWORK, 42U, 6MM HW, TOOLLESS
PT20178	RAIL KIT, BASIC/SERVER/NETWORK, 44U, 10-32 HW, TOOLLESS
PT20181	RAIL KIT, BASIC/SERVER/NETWORK, 44U, 6MM HW, TOOLLESS

COMPONENT: SERVER STANDARD DOOR

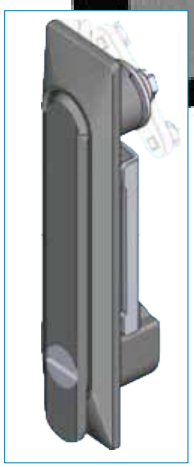
ITEM NO	DESCRIPTION
PT20060	DOOR, SERVER, 180-DEGREE HINGE, MESH, 42U
PT20717	DOOR, SERVER, 180-DEGREE HINGE, MESH, 44U

Note:
Doors must be equipped with handle / lock choice from below.

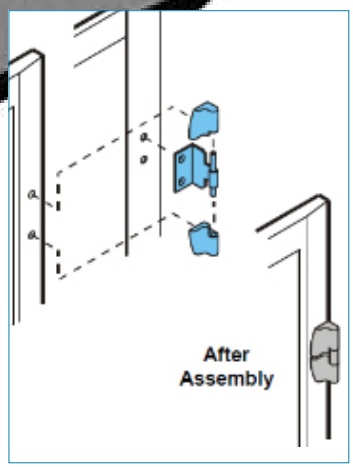
Handle / Lock

ITEM NO	DESCRIPTION
PT20314	SWING HANDLE KIT, KEYED ALIKE
PT20735-KEY#	SWING HANDLE KIT, KEYED DIFFERENTLY
CALL	ELECTRONIC LOCKING HANDLE

A handle kit must be specified for each door (front & rear).
2 keys included.



Swing handle with lock



Hinge Detail

COMPONENT: SERVER DECORATIVE DOOR

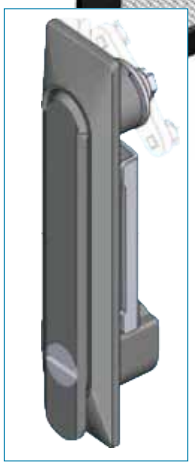
ITEM NO	DESCRIPTION
PT20061	DOOR, SERVER, DECORATIVE, 180-DEGREE HINGE, MESH, 42U
PT20061	DOOR, SERVER, DECORATIVE, 180-DEGREE HINGE, MESH, 44U

Note:
Integral decorative trim insert included (chrome finish)
Door must be equipped with handle / lock choice, listed below.

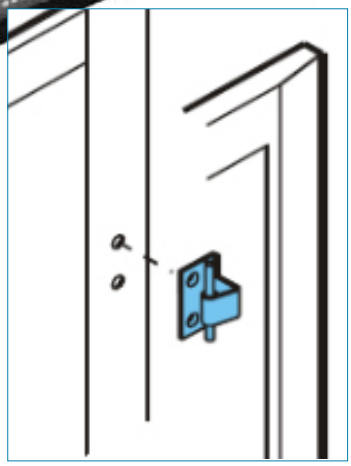
Handle / Lock

ITEM NO	DESCRIPTION
PT20314	SWING HANDLE KIT, KEYED ALIKE
PT20735-KEY#	SWING HANDLE KIT, KEYED DIFFERENTLY
CALL	ELECTRONIC LOCKING HANDLE

A handle kit must be specified for each door (front & rear).
2 keys included.



Swing handle with lock



Hinge Detail

COMPONENT: SERVER TOP

SERVER SOLID TOP

ITEM NO	DESCRIPTION
PT20093	TOP, SERVER, SOLID, 42" D
PT20496	TOP, SERVER, SOLID, 48" D

Top is equipped with the following:
(2) Solid steel panels

BRUSH GROMMET TOP (2 GROMMETS)

ITEM NO	DESCRIPTION
PT20210	TOP, SERVER, ROUND BRUSH GROMMET (2X), 42" D
PT20209	TOP, SERVER, ROUND BRUSH GROMMET (2X), 48" D

Top is equipped with the following:
(1) Solid steel panel.
(1) Panel with (2) 6″ diameter round brush grommets.
Panels can be arranged to have grommets either front or rear.

BRUSH GROMMET TOP (4 GROMMETS)

ITEM NO	DESCRIPTION
PT20329	TOP, SERVER, ROUND BRUSH GROMMET (4X), 42" D
PT20328	TOP, SERVER, ROUND BRUSH GROMMET (4X), 48" D

Top is equipped with the following:
(2) Solid steel panels.
(2) 6″ diameter round brush grommets in each panel.

COMPONENT: SERVER TOP

CHIMNEY TOP, FLANGE

ITEM NO	DESCRIPTION
PT20239	TOP, SERVER, FLANGE CHIMNEY, 42" D
PT20238	TOP, SERVER, FLANGE CHIMNEY, 48" D

Top is equipped with the following:
(1) Solid steel panel.
(1) Panel with (2) 6" diameter round brush grommets and (1) 18" chimney flange for flexible chimney.

Note: Flexible chimney is not supplied. A solid rear door is required for this application. Solid door options listed below.

GEIST / OPENGATE TOP

ITEM NO	DESCRIPTION
PT20230	TOP, SERVER, GEIST/OPENGATE, 42" D
PT20231	TOP, SERVER, GEIST/OPENGATE, 48" D

Top is equipped with the following:
(1) Solid steel panel.
(1) Panel designed to support passive or active chimney with 21.85"x 16.79" cut-out.

Note: A solid rear door is required for this application. Solid door options listed below.

Please call Customer Service for further information on passive and active chimney solutions.

SOLID DOOR OPTIONS

ITEM NO	DESCRIPTION
PT20319	DOOR, SERVER, 180-DEGREE HINGE, SOLID, 42U
PT20318	DOOR, SERVER, 180-DEGREE HINGE, SOLID, 44U

COMPONENT: SERVER BOTTOM

SERVER SOLID BOTTOM

ITEM NO	DESCRIPTION
PT20113	BOTTOM, SERVER, SOLID, 42" D
PT20112	BOTTOM, SERVER, SOLID, 48" D

Bottom is equipped with the following:

(2) Solid steel panels.
(1) Recessed lift handle in each panel.

SERVER ROUND BRUSH GROMMET BOTTOM

ITEM NO	DESCRIPTION
PT2354	BOTTOM, SERVER, ROUND BRUSH GROMMET, 42" D
PT20823	BOTTOM, SERVER, ROUND BRUSH GROMMET, 48" D

Bottom is equipped with the following:

(1) Solid steel panel with recessed lift handle.
(1) Panel with (2) 6" diameter round brush grommets and recessed lift handle.

Note:

Panels are interchangeable and can be arranged to have grommets either front or rear.

COMPONENT: SERVER EXTERIOR / INTERIOR PANELS

EXTERIOR END PANEL

ITEM NO	DESCRIPTION
PT20131	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 42U X 42" D
PT20129	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 42U X 48" D
PT20672	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 44U X 42" D
PT20610	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 44U X 48" D

Note:
Exterior end panels add 7/8" to overall cabinet width

INTERIOR SECURITY PANEL

ITEM NO	DESCRIPTION
PT20141	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 42U X 42" D
PT20139	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 42U X 48" D
PT20678	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 44U X 42" D
PT20615	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 44U X 48" D
PT20383	42U VERTICAL PDU PLATE COVER SET 42"D
PT20380	44U VERTICAL PDU PLATE COVER SET 42"D
PT20925	42U VERTICAL PDU PLATE COVER SET 48"D
PT20922	44U VERTICAL PDU PLATE COVER SET 48"D

Note:
PDU Cover set fills left or right PDU plate;
two sets needed to cover both sides.

OVERVIEW: BLADE PLATINUM 2.0 CABINET

Blade Cabinet

Blade Cabinet
Designed as the standard for high-density computing with extensive cabling and PDU/CDU capacity

Dimensions:

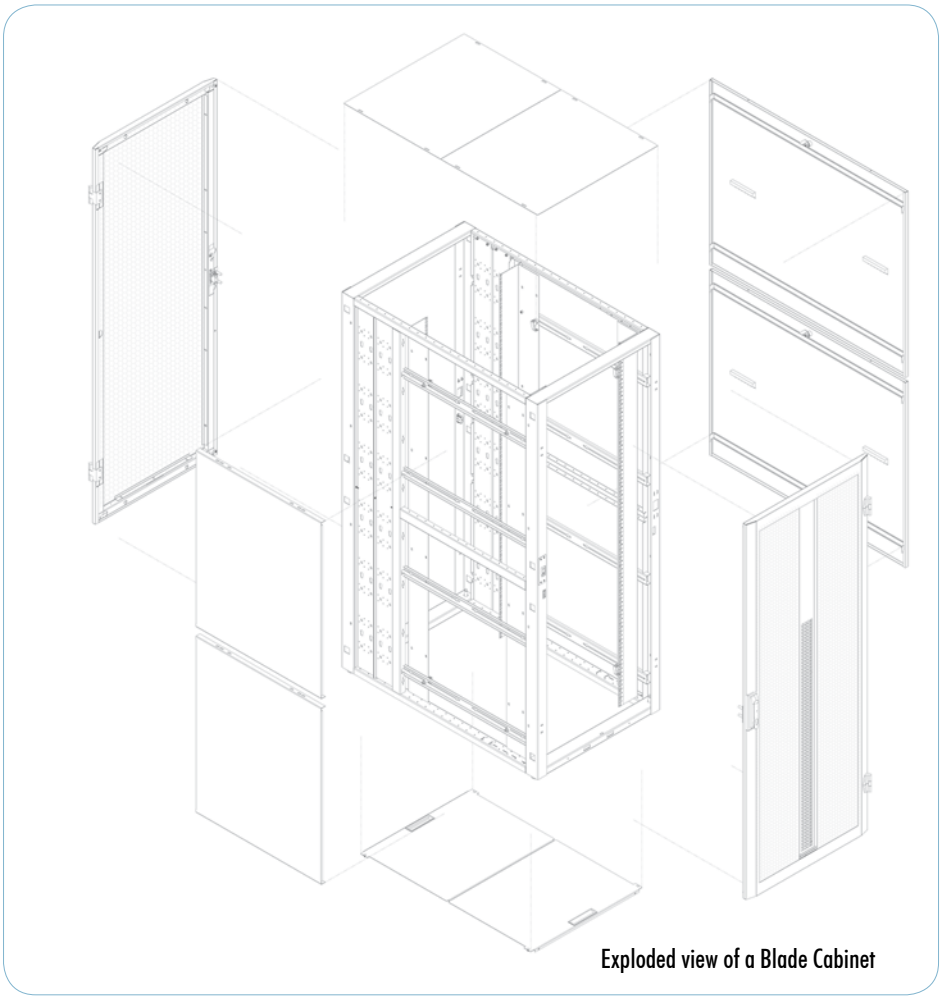
- Width: 30"
- Height: 42U or 44U
- Depth: 42" or 48"
- Rack Mount: 19" or 23" EIA-310-D
- Static Load Limit: 3,000 lbs
- Dynamic Load Limit: 3,000 lbs

Key Features:

- Additional room on either side for cable management
- Rail kits are19" to 23" convertable
- Optional Decorative door (pictured)

Ideal uses:

- 19" network, server, or storage equipment racking
- 23" telecommunications equipment
- Medium to high density applications



Exploded view of a Blade Cabinet

COMPONENTS: BLADE FRAME - STANDARD

48" Deep Blade Frame shown

BLADE FRAME - STANDARD

ITEM NO	DESCRIPTION
PT20022	FRAME, BLADE, 42U 42"D
PT20024	FRAME, BLADE, 42U 48"D
PT20021	FRAME, BLADE, 44U 42"D
PT20023	FRAME, BLADE, 44U 48"D

Optional caster kit

PT20752	CASTER KIT, 30" W

BLADE RAIL KIT

ITEM NO	DESCRIPTION
PT20346	RAIL KIT, BLADE, 19/23" ADAPTABLE, 42U, 10-32 HW, TOOLLESS
PT20352	RAIL KIT, BLADE, 19/23" ADAPTABLE, 42U, 6MM HW, TOOLLESS
PT20342	RAIL KIT, BLADE, 19/23" ADAPTABLE, 44U, 10-32 HW, TOOLLESS
PT20350	RAIL KIT, BLADE, 19/23" ADAPTABLE, 44U, 6MM HW, TOOLLESS

COMPONENT: BLADE FRAME - COOLCENTRIC READY

Fully configured cabinet shown

BLADE FRAME - COOLCENTRIC READY

ITEM NO	DESCRIPTION
PT20049	FRAME, BLADE, COOLCENTRIC RDHx READY, 42U 42"D
PT20051	FRAME, BLADE, COOLCENTRIC RDHx READY, 42U 48"D
PT20048	FRAME, BLADE, COOLCENTRIC RDHx READY, 44U 42"D
PT20050	FRAME, BLADE, COOLCENTRIC RDHx READY, 44U 48"D

Notes:

Coolcentric-ready model is a Blade frame designed to accept the Coolcentric Rear Door Heat Exchanger
(RDHX) and related system components (ordered separately). Front mesh door required.

Optional caster kit:

PT20752	CASTER KIT, 30" W

BLADE RAIL KIT

ITEM NO	DESCRIPTION
PT20346	RAIL KIT, BLADE, 19/23" ADAPTABLE, 42U, 10-32 HW, TOOLLESS
PT20352	RAIL KIT, BLADE, 19/23" ADAPTABLE, 42U, 6MM HW, TOOLLESS
PT20342	RAIL KIT, BLADE, 19/23" ADAPTABLE, 44U, 10-32 HW, TOOLLESS
PT20350	RAIL KIT, BLADE, 19/23" ADAPTABLE, 44U, 6MM HW, TOOLLESS

COMPONENT: BLADE STANDARD DOOR

BLADE STANDARD DOOR

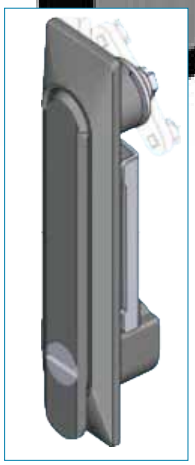
ITEM NO	DESCRIPTION
PT20065	DOOR, BLADE, 180-DEGREE HINGE, MESH, 42U
PT20745	DOOR, BLADE, 180-DEGREE HINGE, MESH, 44U

Note: Door must be equipped with handle / lock choice.

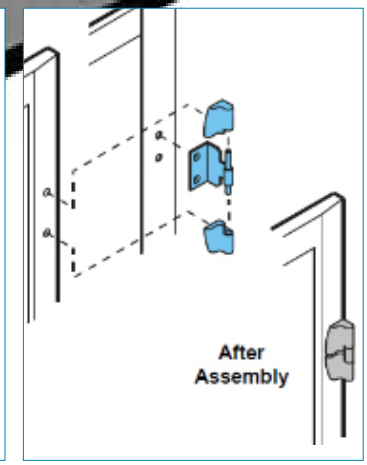
Handle / Lock

ITEM NO	DESCRIPTION
PT20314	SWING HANDLE KIT, KEYED ALIKE
PT20735-KEY#	SWING HANDLE KIT, KEYED DIFFERENTLY
CALL	ELECTRONIC LOCKING HANDLE

A handle kit must be selected for each door (front & rear).
2 keys included.



Swing handle with lock



Hinge Detail

COMPONENT: BLADE DECORATIVE DOOR

BLADE DECORATIVE DOOR

ITEM NO	DESCRIPTION
PT20067	DOOR, BLADE, DECORATIVE, 180-DEGREE HINGE, MESH, 42U
PT20066	DOOR, BLADE, DECORATIVE, 180-DEGREE HINGE, MESH, 44U

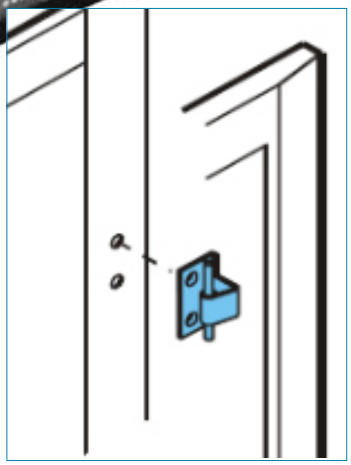
Note:
Integral decorative trim insert included (chrome finish)
Door must be equipped with handle / lock choice, listed below.

Handle / Lock

ITEM NO	DESCRIPTION
PT20314	SWING HANDLE KIT, KEYED ALIKE
PT20735-KEY#	SWING HANDLE KIT, KEYED DIFFERENTLY
CALL	ELECTRONIC LOCKING HANDLE

A handle kit must be specified for each door (front & rear).
2 keys included.

Swing handle with lock



Hinge Detail

COMPONENT: BLADE TOP

BLADE SOLID TOP

ITEM NO	DESCRIPTION
PT20098	TOP, BLADE, SOLID, 42" D
PT20097	TOP, BLADE, SOLID, 48" D

Top is equipped with the following:
(2) Solid steel panels.

BRUSH GROMMET TOP (2 GROMMETS)

ITEM NO	DESCRIPTION
PT20215	TOP, BLADE, ROUND BRUSH GROMMET (2X), 42" D
PT20214	TOP, BLADE, ROUND BRUSH GROMMET (2X), 48" D

Top is equipped with the following:
(1) Solid steel panel.
(1) Panel with (2) 6" diameter round brush grommets.
Panels can be arranged to have grommets either front or rear.

BRUSH GROMMET TOP (4 GROMMETS)

ITEM NO	DESCRIPTION
PT20225	TOP, BLADE, ROUND BRUSH GROMMET (4X), 42" D
PT20224	TOP, BLADE, ROUND BRUSH GROMMET (4X), 48" D

Top is equipped with the following:
(2) Solid steel panels
(2) 6" diameter round brush grommets in each panel.

COMPONENT: BLADE TOP

BLADE FLANGE CHIMNEY TOP

ITEM NO	DESCRIPTION
PT20243	TOP, BLADE, FLANGE CHIMNEY, 42" D
PT20242	TOP, BLADE, FLANGE CHIMNEY, 48" D

Top is equipped with the following:

(1) Solid steel panel.
(1) Panel with (2) 6" diameter round brush grommets and (1) 18" chimney flange for flexible chimney. Self tapping screws.

Note:

Flexible chimney is not supplied. A solid rear door is required for this application. Solid door options listed below.

BLADE GEIST / OPENGATE TOP

ITEM NO	DESCRIPTION
PT20235	TOP, BLADE, GEIST/OPENGATE, 42" D
PT20234	TOP, BLADE, GEIST/OPENGATE, 48" D

Top is equipped with the following:

(1) Solid steel panel.
(1) Panel designed to support Geist /OpenGate chimney with 21.85"x 16.79" cut-out.

Note:

A solid rear door is required for this application. Solid door options listed below.

Please call Customer Service for further information on passive and active chimney solutions.

SOLID DOOR OPTIONS

ITEM NO	DESCRIPTION
PT20322	DOOR, BLADE, 180-DEGREE HINGE, SOLID, 42U
PT20321	DOOR, BLADE, 180-DEGREE HINGE, SOLID, 44U

COMPONENT: BLADE BOTTOM

BLADE SOLID BOTTOM

ITEM NO	DESCRIPTION
PT20116	BOTTOM, BLADE, SOLID, 42" D
PT20756	BOTTOM, BLADE, SOLID, 48" D

Bottom is equipped with the following:
(2) Solid steel panels.
(1) Recessed lift handle in each panel.

BLADE ROUND BRUSH GROMMET BOTTOM

ITEM NO	DESCRIPTION
PT20357	BOTTOM, BLADE, ROUND BRUSH GROMMET, 42" D
PT20356	BOTTOM, BLADE, ROUND BRUSH GROMMET, 48" D

Bottom is equipped with the following:
(1) Solid steel panel with recessed lift handle.
(1) Panel with (2) 6" diameter round brush grommets and recessed lift handle.
Panels can be arranged to have grommets either front or rear.

COMPONENT: BLADE EXTERIOR / INTERIOR PANELS

EXTERIOR END PANEL

ITEM NO	DESCRIPTION
PT20131	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 42U X 42" D
PT20129	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 42U X 48" D
PT20672	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 44U X 42" D
PT20610	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 44U X 48" D

Note:
Exterior end panels add 7/8" to overall cabinet width

INTERIOR SECURITY PANEL

ITEM NO	DESCRIPTION
PT20141	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 42U X 42" D
PT20139	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 42U X 48" D
PT20678	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 44U X 42" D
PT20615	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 44U X 48" D
PT20383	42U VERTICAL PDU PLATE COVER SET 42"D
PT20380	44U VERTICAL PDU PLATE COVER SET 42"D
PT20925	42U VERTICAL PDU PLATE COVER SET 48"D
PT20922	44U VERTICAL PDU PLATE COVER SET 48"D

Note:
PDU Cover set fills left or right PDU plate;
two sets needed to cover both sides.

OVERVIEW: NETWORK PLATINUM 2.0

Network Cabinet

Network Cabinet

Designed and engineered specialty cabinet for compliance and unique mounting requirements of industry-leading switch appliances and gear

Dimensions:

- Width: 36" or 42"
- Height: 42U or 44U
- Depth: 42" or 48"
- Rack Mount: 19" EIA-310-D
- Static Load Limit: 3,000 lbs
- Dynamic Load Limit: 3,000 lbs

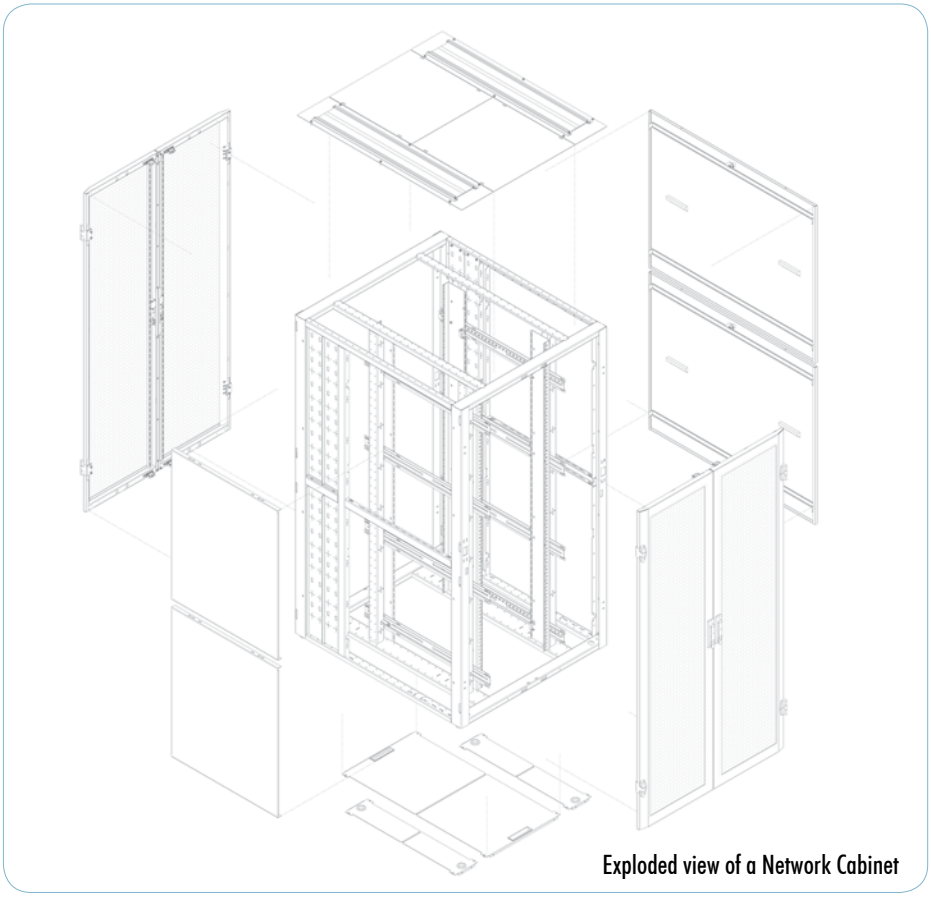
Key Features:

- Additional room on either side for cable management
- Can be configured with baffles to facilitate side to side airflow.

Ideal uses:

- 19" network, server, or storage equipment racking
- High density applications
- Side to side airflow equipment installations

Network cabinets are engineered as wider enclosure platforms (36" and 42" wide) with frame-within-a-frame construction. This design permits compliance and mounting specifications of industry-leading switch appliances and other common network gear. Contact us for recommended guidelines for OEM switch manufacturers such as Cisco.



Exploded view of a Network Cabinet

COMPONENTS: NETWORK FRAMES

48" Deep Network Frame shown

NETWORK FRAMES

ITEM NO	DESCRIPTION
PT20031	FRAME, NETWORK, 42U 36"W 42"D
PT20033	FRAME, NETWORK, 42U 36"W 48"D
PT20013	FRAME, NETWORK, 42U 42"W 42"D
PT20015	FRAME, NETWORK, 42U 42"W 48"D
PT20030	FRAME, NETWORK, 44U 36"W 42"D
PT20032	FRAME, NETWORK, 44U 36"W 48"D
PT20012	FRAME, NETWORK, 44U 42"W 42"D
PT20014	FRAME, NETWORK, 44U 42"W 48"D

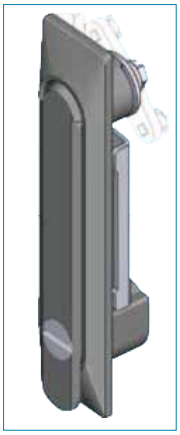
Optional caster kits:

PT20087	CASTER KIT, 36" W
PT20652	CASTER KIT, 42" W

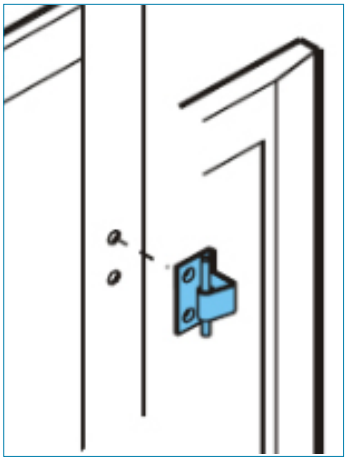
NETWORK RAIL KIT

ITEM NO	DESCRIPTION
PT20179	RAIL KIT, BASIC/SERVER/NETWORK, 42U, 10-32 HW, TOOLESS
PT20182	RAIL KIT, BASIC/SERVER/NETWORK, 42U, 6MM HW, TOOLESS
PT20178	RAIL KIT, BASIC/SERVER/NETWORK, 44U, 10-32 HW, TOOLESS
PT20181	RAIL KIT, BASIC/SERVER/NETWORK, 44U, 6MM HW, TOOLESS

COMPONENT: NETWORK MESH DOOR



Swing handle with lock



Hinge Detail

SPLIT DOORS, SWING HANDLE, MESH

ITEM NO	DESCRIPTION
PT20072	DOORS, NETWORK 36, SPLIT, SWING HANDLE, MESH, 42U
PT20071	DOORS, NETWORK 36, SPLIT, SWING HANDLE, MESH, 44U
PT20725	DOORS, NETWORK 42, SPLIT, SWING HANDLE, MESH, 42U
PT20625	DOORS, NETWORK 42, SPLIT, SWING HANDLE, MESH, 44U

Door kit includes two door frames (wardrobe style) and is equipped with the following:
(1) Recessed handle; select handle / lock choice.
(2) 180-Degree Hinges per door frame.

Handle / Lock

ITEM NO	DESCRIPTION
PT20312	SWING HANDLE KIT, KEYED ALIKE (42U SPLIT DOOR)
PT20078-KEY#	SWING HANDLE KIT, KEYED DIFFERENTLY (42U SPLIT DOOR)
CALL	ELECTRONIC LOCKING HANDLE (42U)
PT20311	SWING HANDLE KIT, KEYED ALIKE (44U SPLIT DOOR)
PT20712-KEY#	SWING HANDLE KIT, KEYED DIFFERENTLY (44U SPLIT DOOR)
CALL	ELECTRONIC LOCKING HANDLE (44U)

A handle kit must be specified for each door (front & rear).
2 keys included.

COMPONENT: NETWORK TOP

NETWORK RECTANGULAR BRUSH GROMMET TOP

ITEM NO	DESCRIPTION
PT20103	TOP, NETWORK, RECT BRUSH GROMMET, 36" W X 42" D
PT20102	TOP, NETWORK, RECT BRUSH GROMMET, 36" W X 48" D
PT20106	TOP, NETWORK, RECT BRUSH GROMMET, 42" W X 42" D
PT20604	TOP, NETWORK, RECT BRUSH GROMMET, 42" W X 48" D

Top panel kit is equipped with the following:
(2) Solid steel center panels.
(2) Left and right panels with rectangular 3" wide brush grommet.

Note:
Other Network Cabinet tops panel options available; Call Customer Service.

COMPONENT: NETWORK BOTTOM

NETWORK SOLID BOTTOM

ITEM NO	DESCRIPTION
PT20121	BOTTOM, NETWORK, SOLID, 36" W X 42" D
PT20120	BOTTOM, NETWORK, SOLID, 36" W X 48" D
PT20668	BOTTOM, NETWORK, SOLID, 42" W X 42" D
PT20600	BOTTOM, NETWORK, SOLID, 42" W X 48" D

Bottom panel kit is equipped with the following:
(6) Solid steel panels to fully enclose bottom of cabinet frame.
Panels are outfitted with recessed handles or finger pulls for easy removal.

NETWORK ROUND BRUSH GROMMET BOTTOM

ITEM NO	DESCRIPTION
PT20359	BOTTOM, NETWORK, ROUND BRUSH GROMMET, 36" W X 42" D
PT21011	BOTTOM, NETWORK, ROUND BRUSH GROMMET, 36" W X 48" D
PT20362	BOTTOM, NETWORK, ROUND BRUSH GROMMET, 42" W X 42" D
PT20361	BOTTOM, NETWORK, ROUND BRUSH GROMMET, 42" W X 48" D

Bottom panel kit is equipped with the following:
(4) Solid steel panels (left and right).
(1) Solid steel center panel.
(1) Center panel with (2) 6" diameter round brush grommets.
Interchangeable center panels allow for front or rear grommet placement.
Panels are outfitted with recessed handles or finger pulls for easy removal.

COMPONENT: NETWORK EXTERIOR / INTERIOR PANELS

EXTERIOR END PANEL

ITEM NO	DESCRIPTION
PT20131	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 42U X 42" D
PT20129	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 42U X 48" D
PT20672	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 44U X 42" D
PT20610	EXT END PANEL, LOCKING, 2 PIECE SOLID STEEL, 44U X 48" D

Note:
Exterior end panels add 7/8" to overall cabinet width

INTERIOR SECURITY PANEL

ITEM NO	DESCRIPTION
PT20141	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 42U X 42" D
PT20139	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 42U X 48" D
PT20678	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 44U X 42" D
PT20615	INT SECURITY PANEL, 2 PIECE SOLID STEEL, 44U X 48" D
PT20383	42U VERTICAL PDU PLATE COVER SET 42"D (LEFT OR RIGHT)
PT20380	44U VERTICAL PDU PLATE COVER SET 42"D (LEFT OR RIGHT)
PT20925	42U VERTICAL PDU PLATE COVER SET 48"D (LEFT OR RIGHT)
PT20922	44U VERTICAL PDU PLATE COVER SET 48"D (LEFT OR RIGHT)

COMPONENTS: CABLE MANAGEMENT & ACCESSORIES

COMPONENTS: CABLE MANAGEMENT - HARDWARE MOUNTED

CABLE MANAGEMENT HOOKS - METAL

ITEM NO	DESCRIPTION
200450	HOOK, SMALL, 1.5 IN X 3.0 IN OPENING, BLACK
200451	HOOK, LARGE, 3.0 IN X 3.0 IN OPENING, BLACK

Vertical cable management hooks can be mounted to the front or back of the vertical rail face, to the PDU plate and various locations within the enclosures

Vertical cable management hooks can be rotated 90º to provide for horizontal as well as vertical cable management.

Hook is supplied with mounting hardware.

Hook construction:
CRS construction (welded)
Color: Black.

CABLE MANAGEMENT HOOK TRACK

ITEM NO	DESCRIPTION
200452	TRACK, HOOK, 19 IN EIA

Horizontal cable management hook track component attaches to rack mount rails. Order hooks separately.
(Use with hooks 200450 and or 200451).

Hook track is 1U in height and fits 19" EIA Rails.

Hook construction:
CRS construction (welded).
Color: Black.

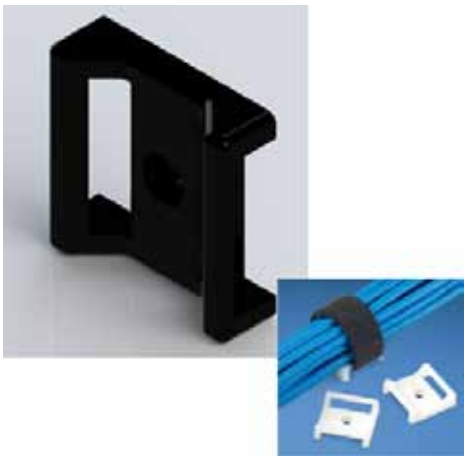
CABLE MANAGEMENT CLIP - PLASTIC

ITEM NO	DESCRIPTION
200455	CLAW CLIP, PLASTIC (SET OF 6)

Plastic claw type hook, with spring-action clips. (Order as a set of 6).

Clip construction:
Polycarbonate plastic.
Color: Black.

COMPONENT: CABLE MANAGEMENT - HARDWARE MOUNTED



CABLE MANAGEMENT HOOK AND LOOP CABLE TIES

ITEM NO	DESCRIPTION
200456	HOOK AND LOOP CABLE TIE, SCREW MOUNTED (SET OF 10)

Set of (10) 12" hook and loop cable ties with nylon cable tie mount.

12" Velcro cable tie is capable of holding up to 3.2-inch diameter cable bundle..

Cable tie mount is installed to a pre-drilled location in cabinet.
Supplied with mounting hardware.

Hook and loop cable tie construction:

Nylon.
Color: Black.

CABLE MANAGEMENT HOOK AND LOOP CABLE TIE PLATE

ITEM NO	DESCRIPTION
200457	PLATE, VERTICAL CABLE TIE MOUNTING

The vertical cable tie plate provides a vertical cable management solution which includes (6) hook and loop cable ties, mounted vertically to a single plate.

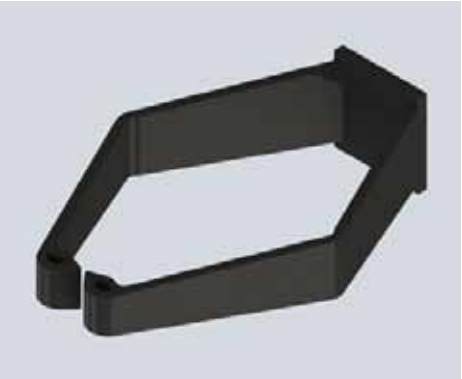
The tie plate is approximately 2 ½" wide x 72" long, and is designed to be installed by mounting directly to the
cabinet's front to rear stabilizer in 44U and 42U cabinets.

Supplied with mounting hardware.

Vertcal cable tie mounting plate construction:

CRS construction.
Color: Black.

COMPONENT: CABLE MANAGEMENT - TOOLLESS MOUNTING



CABLE MANAGEMENT CLIP - PLASTIC TOOLLESS

ITEM NO	DESCRIPTION
P4100030	CLAW CLIP, PLASTIC, TOOLLESS (Network Cabinet Only)

High capacity twist-lock cable manager accommodates bundled cables for vertical or horizontal applications.
Locks into place quickly with a simple quarter-turn motion on Network Cabinet internal frame.

Toolless claw clip construction:

Nylon.
Color: Black.

CABLE MANAGEMENT HOOKS - PLASTIC TOOLLESS

ITEM NO	DESCRIPTION
VP-143	HOOK, SMALL, 1.07" X 2.8" OPENING, BLACK
VP-145	HOOK, LARGE, 2.71" X 4.21" OPENING, BLACK

High capacity twist-lock cable manager accommodates bundled cables for vertical or horizontal applications.
Locks into place quickly with a simple quarter-turn motion at various locations in frame.

Toolless cable management hook construction:

Polycarbonate plastic.
Color: Black.

Small hook has an inside area of 3 sq inches.
Large hook has an inside area of 11.4 sq inches.

CABLE MANAGEMENT HOOK AND LOOP CABLE TIES TOOLLESS

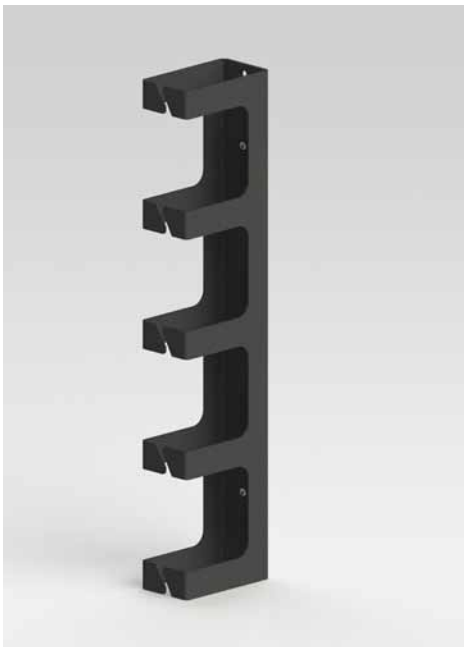
ITEM NO	DESCRIPTION
P904500	HOOK AND LOOP CABLE TIE, TOOLLESS

The toolless quarter-turn hook and loop cable manager includes a roll of 18" of velcro strap and 10 quarter-turn mounting clips.
Locks into place quickly with a simple quarter-turn motion at various locations in frame.

Toolless cable management hook and loop construction:

Nylon.
Color: Black.

COMPONENT: CABLE MANAGEMENT - TOOLLESS MOUNTING



CABLE MANAGEMENT PDU PLATE MOUNTED

ITEM NO	DESCRIPTION
PT20637	CABLE HOOK, PDU PLATE MOUNTED, TOOLLESS, 4" D x 18" H - BLACK

This vertical cable manager attaches to the vertical PDU / Cable management plate constructed in a P2 cabinet. Attaches via toolless button mounts.

PDU plate mounted cable hook construction:

CRS construction.
Color: Black.

CABLE MANAGEMENT PDU PLATE MOUNTED

ITEM NO	DESCRIPTION
PT20573	CABLE HOOK, PDU PLATE MOUNTED, TOOLLESS, 6" D x 18" H - BLACK

This vertical cable manager attaches to the vertical PDU / Cable management plate constructed in a P2 cabinet. Attaches via toolless button mounts.

PDU plate mounted cable hook construction:

CRS construction.
Color: Black.

COMPONENT: CABLE MANAGEMENT - TOOLLESS MOUNTING

CABLE MANAGEMENT PDU PLATE MOUNTED

ITEM NO	DESCRIPTION
PT20483	VERTICAL CABLE MANAGER, 2.2"W x 1.7" D x 73.5"H (44U only)

The vertical cable tie plate provides a vertical cable management solution which mounts vertically to the PDU plate in the rear of the frame with tool-less button mounts.

Vertcal cable tie mounting plate is supplied with mounting hardware
Fits in 44U only; Call for 42U options.

Vertical cable tie mounting plate construction:

CRS construction.
Color: Black.

NETWORK CABLE FINGER KIT

ITEM NO	DESCRIPTION
PT20993	VERTICAL CABLE FINGER KIT, TOOLLESS 42U (NETWORK CABINETS ONLY)
PT20500	VERTICAL CABLE FINGER KIT, TOOLLESS 44U (NETWORK CABINETS ONLY)

Vertical finger kits are designed to provide individual U-level cable management.
Kit includes (5) left and (5) right finger sections to outift either 44U or 42U on each side of vertical rail.
This kit is inteneded only for the 36 and 42 inch wide Network Cabinets.

Finger support mounting plate is supplied with mounting hardware.
Kit includes (2) vertical mounting plates to accept multiple fingers.

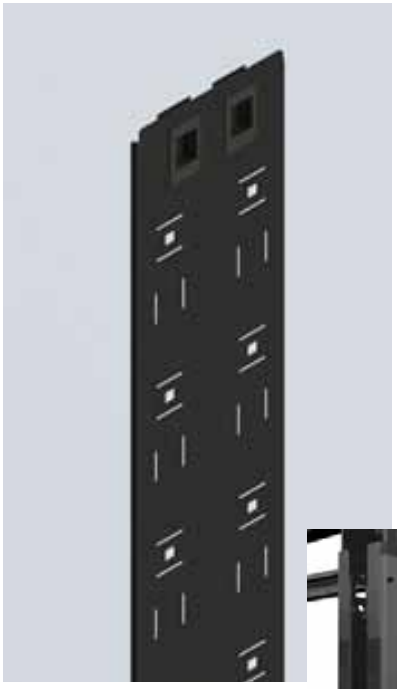
Finger support mounting plate construction:

CRS construction.

Finger construction:

Plastic.
Color: Black.

COMPONENT: CABLE MANAGEMENT - TOOLLESS MOUNTING



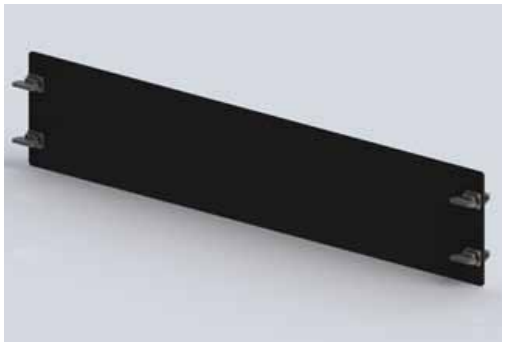
ZERO U SIDE MOUNTED LACING PANEL

ITEM NO	DESCRIPTION
PT20989	PANEL, LACING, ZERO U, SIDE MOUNTED, 42U
PT20618	PANEL, LACING, ZERO U, SIDE MOUNTED, 44U

The zero U side mounted lacing panel allows for cable management in the side of the enclosure. Attaches along the side of the frame structure (upper and lower locations) without tools.

Zero U side mounted lacing panel construction:

CRS steel construction.



STEEL SNAP MOUNT BLANKING PANEL

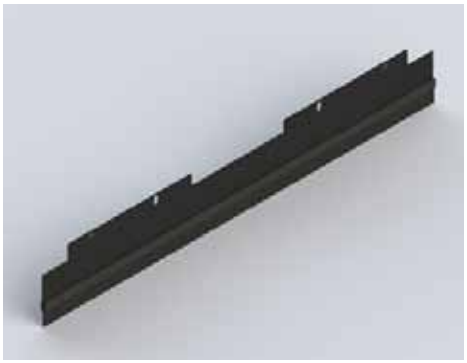
ITEM NO	DESCRIPTION
200436	PANEL, SNAP MOUNT BLANKING, STEEL, 1U
200437	PANEL, SNAP MOUNT BLANKING, STEEL, 2U
200438	PANEL, SNAP MOUNT BLANKING, STEEL, 3U
200439	PANEL, SNAP MOUNT BLANKING, STEEL, 4U
200440	PANEL, SNAP MOUNT BLANKING, STEEL, 5U

Blanking panels are highly recommended to seal open rack-mount space within a cabinet.
No cage nuts or tools required; plates snap into squre hole rack mount rails and lock into place using quarter turn fasteners.

SNAP mount blanking panel construction:

14 ga. CRS construction.
Color: Black.

COMPONENT: BRUSH AIR SKIRTS



BRUSH AIR SKIRTS - NON-CASTER FRAMES

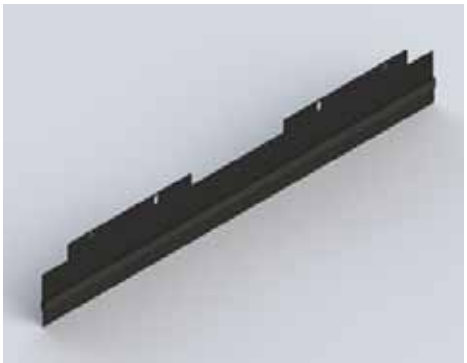
ITEM NO	DESCRIPTION
PT20283	AIR SKIRT, BRUSH, NON-CASTER, 24" W
PT20284	AIR SKIRT, BRUSH, NON-CASTER, 30" W
PT20285	AIR SKIRT, BRUSH, NON-CASTER , 36" W
PT20286	AIR SKIRT, BRUSH, NON-CASTER, 42" W
PT20287	AIR SKIRT, BRUSH, NON-CASTER, 48" W

Where there is a need to block air flow under the enclosure such as in a contaiment situation, the Brush Air Skirt is used to minimize re-circulation of hot exhaust air.

Air skirt is supplied with mounting hardware.
Must be installed onsite.

Air skirt construction:

CRS construction.
Black nylon brush



BRUSH AIR SKIRTS - CASTER FRAMES

ITEM NO	DESCRIPTION
PT20296	AIR SKIRT, BRUSH, CASTER, 24" W
PT20297	AIR SKIRT, BRUSH, CASTER, 30" W
PT20298	AIR SKIRT, BRUSH, CASTER, 36" W
PT20299	AIR SKIRT, BRUSH, CASTER, 42" W
PT20307	AIR SKIRT, BRUSH, CASTER, 48" W

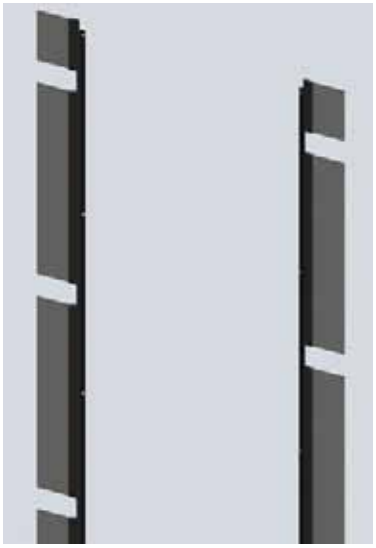
Where there is a need to block air flow under the enclosure such as in a containment situation, the brush air skirt is used to minimize re-circulation of hot exhaust air. Use with cabinet configurations using optional caster kits.

Air skirt is supplied with mounting hardware.
Must be installed onsite.

Air skirt construction:

CRS construction.
Black nylon brush.

COMPONENT: AIR SEAL KIT, INSIDE ENCLOSURE



AIR SEAL KIT, INSIDE ENCLOSURE

ITEM NO	DESCRIPTION
PT20205	AIR SEAL KIT, 42U (BASIC/SERVER/BLADE)
PT20202	AIR SEAL KIT, 44U (BASIC/SERVER/BLADE)

The internal air seal kit mounts directly to the front rails keeping an air seal between the front of the enclosure and the rear. The air seal kit is used to minimize re-circulation of hot exhaust air from the rear of the cabinet to the front.
Air seal kit is supplied with mounting hardware.

Air seal kit construction:

CRS construction.
Nylon brush.
Color: Black.

AIR BAFFLE KIT, NETWORK ENCLOSURE

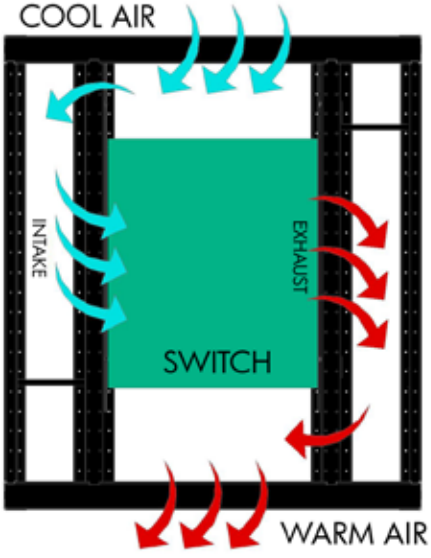
ITEM NO	DESCRIPTION
PT20169	BAFFLE KIT, AIR, NETWORK 36" W X 42" D, 42U
PT20168	BAFFLE KIT, AIR, NETWORK 36" W X 42" D, 44U
PT20165	BAFFLE KIT, AIR, NETWORK 36" W X 48" D, 42U
PT20164	BAFFLE KIT, AIR, NETWORK 36" W X 48" D, 44U
PT20157	BAFFLE KIT, AIR, NETWORK 42" W X 42" D, 42U
PT20682	BAFFLE KIT, AIR, NETWORK 42" W X 42" D, 44U
PT20155	BAFFLE KIT, AIR, NETWORK 42" W X 48" D, 42U
PT20643	BAFFLE KIT, AIR, NETWORK 42" W X 48" D, 44U

The internal air baffle kit mounts inside the network cabinet to ensure that there is an air seal between the front of the enclosure and the rear. The air baffle kit is designed to support a number of different side-to-side cooling switches. The baffles can be mounted in such a way that placement of the switch can be located vertically at any location. The air baffle kit is used to minimize re-circulation of hot exhaust air from the rear and side of the cabinet to the front or cool air inlet side.

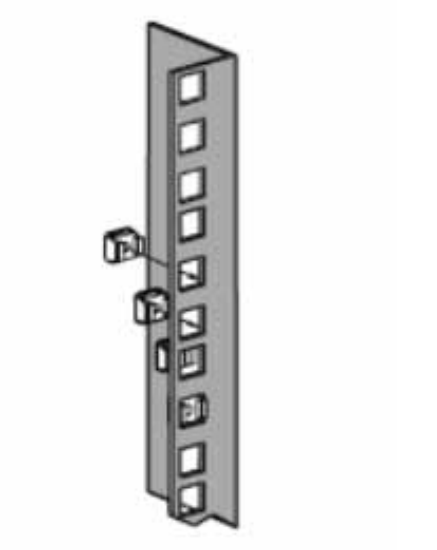
Air baffle kit is supplied with mounting hardware.

Air baffle kit construction:

CRS construction.
Black nylon brush.



COMPONENT: RACK RAIL MOUNTING HARDWARE



RACK RAIL MOUNTING HARDWARE

ITEM NO	DESCRIPTION
200394	HARDWARE KIT, 10-32 UNF SCREW/CAGE NUT, SET OF 50
200395	HARDWARE KIT, 6MM SCREW/CAGE NUT, SET OF 50
200396	HARDWARE KIT, 10-32 UNF SCREWS, SET OF 50
200397	HARDWARE KIT, 6MM SCREWS, SET OF 50

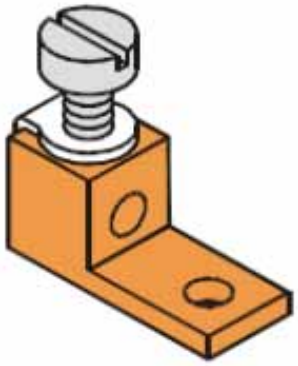
Note:
One hardware kit included with Platinum 2.0 rail kits; order more kits as neccesary.

ANTI-TIP BRACKETS

ITEM NO	DESCRIPTION
PT20508	BRACKET, ANTI-TIP, NO CASTERS
PT20506	BRACKET, ANTI-TIP, WITH CASTERS

Notes:
Supplied with mounting hardware.
12 ga. CRS construction.

COMPONENT: GROUNDING ACCESSORIES



GROUNDING

ITEM NO	DESCRIPTION
PT20150	ENCLOSURE GROUND KIT W/ FRAME MOUNTED GROUNDING LUG
PT20656	ENCLOSURE GROUND KIT W/ 19" RACK MOUNT GROUNDING BAR
200344	FRAME MOUNTED GROUNDING LUG ONLY
200435	19" RACK MOUNT GROUNDING BAR ONLY

Notes:

Enclosure grounding kits include mounting hardware and ground straps (16 AWG CU) to ensure grounding to the frame between the doors, side panels, and rails.
Kits use Thomas & Betts 31005-TB terminal connector series T-35 1/4" bolt #8 - #4 AWG code CU cables.
Grounding lug mounts to enclosure near base of frame
Ground bar comes with 12-24 and 10-32 hardware

COMPONENT: POWDER COAT FINISH PALETTE

STANDARD COLORS

E311-BK04
BLACK HAMMER
LOW GLOSS

T243-GR301
QUARTZ GRAY FINE TEXTURE
SEMI-GLOSS

Blade Series Cabinet pictured in Hammered Black (BK04)

OPTIONAL COLORS

C241-GR484
DARK GRAY FINE TEXTURE
SEMI-GLOSS

T243-GR522
FLINT GRAY FINE TEXTURE
SEMI-GLOSS

TO31-WH06
PEARL WHITE FINE TEXTURE
SEMI-GLOSS

C241-GR07
GRANITE FINE TEXTURE
SEMI-GLOSS

T032-BG03
BEIGE TEXTURE
SEMI-GLOSS

T013-RD15
RED HAMMER
SEMI-GLOSS

T13-BL227
LT BLUE HAMMER
SEMI-GLOSS
(SPECIAL ORDER ONLY)

H305-GR10
LT GUNMETAL GRAY
SMOOTH

Fee for optional colors on orders of less than 10 cabinets.
Call Customer Service for details.

GREEN STATEMENT

At e-Systems Group, we strive to make constant and effective improvements in the manufacturing of our consoles, technical furniture and enclosure systems with minimal impact on our environment. This commitment is the result of best practices in our facilities, fabrication methods and the management of our approved suppliers who provide raw materials and components. This is supported by our in-house manufacturing capabilities that provide assurance that we maintain controls over the production of our product lines.

SUSTAINABILITY

Wherever possible, we use recycled steel materials and recycle scrap steel generated at our facility. We have eliminated the use of solvent-based paints and have fully converted to powder coating for all of our steel and many of our aluminum components as a means of minimizing the discharge of volatile compounds and waste. As part of commitment to offering durable and modular product designs, we typically maximize the use of recycled steel materials in lieu of other materials that can potentially harm our environment. For worksurfaces, trims, and finishing panels, we select engineered wood substrates specificaly grown for our type of material use and strive to reduce the use of solvent-based adhesives. And, whenever possible, we design packaging solutions for your product shipments that minimize the use of corrugated packaging materials to minimize the impact of disposal. Additional material, sourcing or manufacturing practices include:

- Steel: our cold-rolled steel is made of high-content recycled materials and we recycle all scrap materials. Minimum recycled content, on average: 70%
- Decorative Laminates: we select industry-leading suppliers who are Greenguard certified
- Fabric: our standard fabric overlays are Greenguard certified (Guilford of Maine)
- Paint: we use powder coating finishes on all metal surfaces that are environmentally friendly and easy to maintain without harsh cleaners
- Adhesives: we use water-based adhesives that are not volatile
- Product Construction: our consoles, enclosures and modular furniture are made almost entirely of steel to maximize recycled content

E-SYSTEMS GROUP, LLC

Comprehensive, creative and competent solutions for mission-critical applications

We are a specialty manufacturer and solutions provider for mission-critical data center and console market end-users who require highly engineered enclosures and modular workstation products. In addition to being a U.S. based manufacturer with in-house design, R+D, customer service and project management services, we offer true turnkey solutions for mid-range and enterprise-level data centers, command/control environments, commercial security, and government emergency response centers.

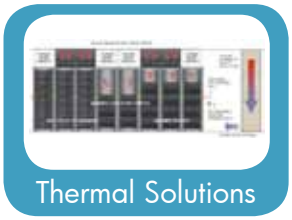
e-Systems Group evolved from the well-known brands of EDP and SMC. These two product brands are based on a 58-year history of innovative IT cabinets, flat panel monitoring consoles, supplementary lab and media furniture and technical products with an extensive portfolio of branded lines to meet the a range of functionality, appearance, and product specifications. Our standard offering affords an end-user with distinct designs for technology storage, physical security, user access, OEM and regulatory compliance, operator accommodation, and system modularity + sustainability for the respective market applications we serve. We aim to provide highly engineered products, technical expertise, and related services with market-competitive budgeting and delivery performance. In addition to these core competencies, we also can extend custom engineering solutions with quote-to-order product modification and customization that meet your company or organization standards, OEM needs, emerging technology or unique applications that cannot be fulfilled from off-the-shelf or commodity approaches.

Company Overview

We offer a full range of design, on-site consultation, project management services supported by our core products and facility services. Here is an overview of our expertise in these areas:

- Engineering + Design
- R+D
- Fast-track prototyping
- Field based product management
- In-house customer service + direct technical support
- Thermal systems solutions for IT environments
- Space planning and design services
- Quotation, presentation and photo-realistic rendering packages
- Public safety market expertise
- Data Center market expertise
- Command + Control market expertise
- Thermal solutions expertise
- KVM, power and DCIM expertise
- Asset + control access solutions for DC market
- Specialized aviation solutions
- OEM programs
- Critical facility maintenance and solutions
- CFD analysis and data center facility assessment
- Assembly, staging and integrations services for products
- Shipping for domestic and international locations
- Installation, training and maintenance of product systems
- Project management services
- Custom product solutions
- Marketing, sales training and national account program management

Enclosures


Thermal Solutions

Critical Facility Solutions

Consoles

Technical Furniture

Technical Products

MADE IN THE USA

Main Facility
100 Progress Parkway
Conklin, NY 13748
800.432.1337

www.e-systemsgroup.com