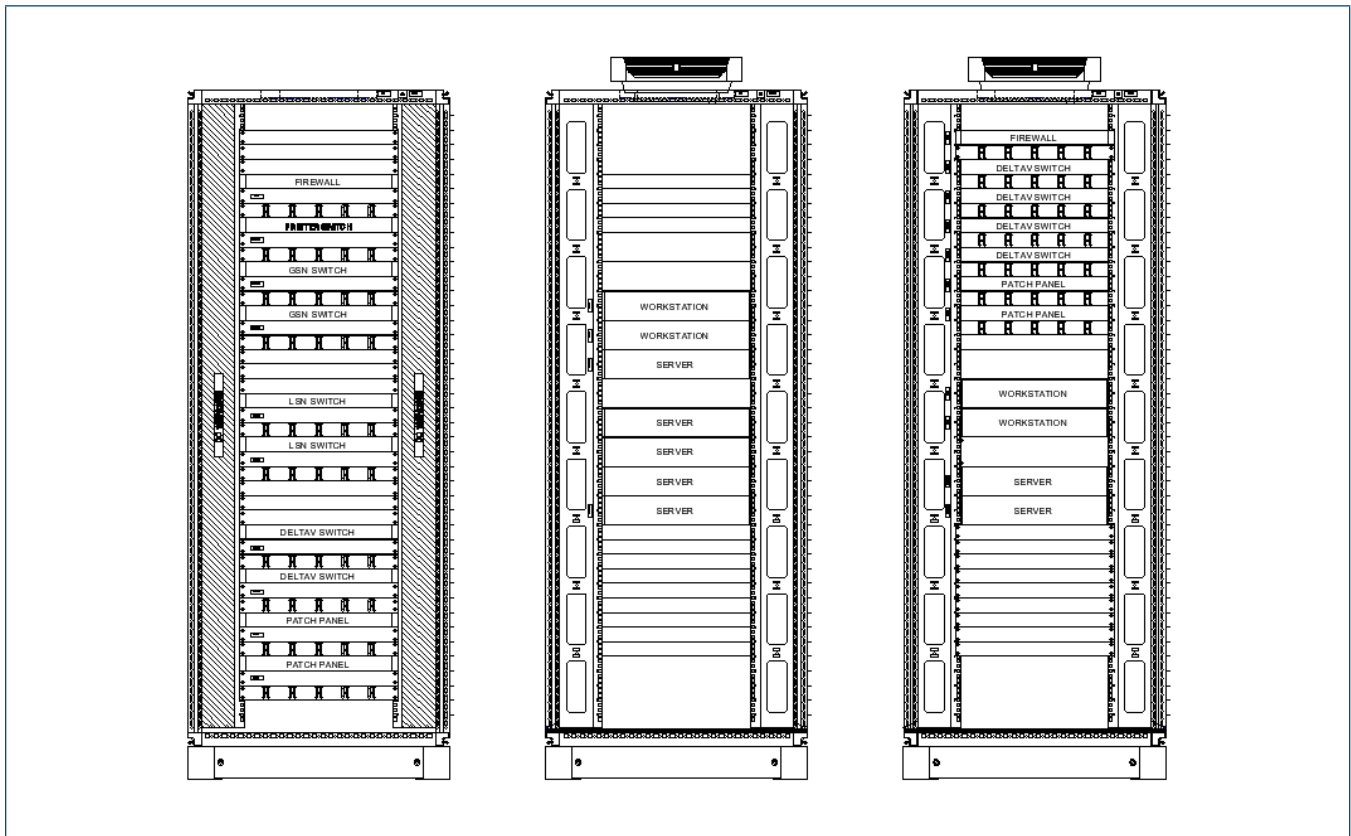


CTO Server and Network Cabinets



CTO Server and Network Cabinet.

- Delivers standard cabinet with 19" frame construction for your DeltaV networking and server equipment
- AC power distribution
- Cable management

Introduction

The DeltaV Configure-To-Order (CTO) Server and Network Cabinets provide an off-the-shelf solution for faster project execution and reduced installation costs. CTO Server and Network Cabinets are factory tested and ready for installation in technical or IT rooms.

Benefits

Significantly reduced cabinet lead time: Emerson supply chain setup to deliver CTO cabinets in short lead times.

Significantly reduce cabinet design engineering: The CTO Server and Network Cabinets are pre-engineered and factory tested. The configuration flexibility allows the same design to serve a wide variety of network/server configurations.

Fully documented package: Each cabinet is supplied with full documentation and engineering drawings showing internal lay-out, bill of materials and internal wiring. CTO Cabinets are designed to meet local building code and industry best practices to deliver proven functionality with minimal costs.

Product Description

The CTO Server and Network Cabinets offering comprises a range of pre-engineered solutions based on industry standard, preinstalled with 19" frame and AC power distribution. User should assign required network/server allocation in GA drawing & CCT Configuration. Actual network and server model number needs to be added in drawing separately.

The cabinets are typical, free standing enclosures intended for floor mounting in equipment room areas, where temperature and humidity are controlled within the requirements for computer/electronic equipment. They come ready to

receive incoming plant AC power. All internal wiring to power distribution components and grounding conductors has been tested at the factory.

Before delivery, each cabinet undergoes a full in-house inspection, to assure that it is fully operational before shipping.

The CTO Server and Network Cabinets are configured by selecting a base enclosure model and required options to meet specific project needs.

Base enclosure models are available:

- For network and server cabinet.

Each base model is further explained in the coming sections.

Configurable options examples: side panels, cabinet light, nameplate engraving and configuration of network, server equipment.

- For different world area design standards and regulations: EUR (Europe), NA (US/Canada), NK (Asia Pacific and Middle East and Africa).

All CTO Server and Network Cabinets come with following equipment installed:

- Primary and secondary 230 VAC power distribution for network and server equipment.
- Wire ducts
- Grounding bar.
- Wiring plan pocket.
- 19" frame
- Emerson Name Plate Holder and blank name plate insert.

DeltaV Network and Server equipment is added to the drawings based on your configuration, however all this equipment needs to be procured separately from the CTO cabinet.

The following sections provide a more detailed specification for the CTO Server and Network Cabinets and available options.

Overview of CTO Server and Network Cabinets – Base Models for North America Region

Base Model number	Description	Power Requirement (Pri and Sec)	Permitted Location / World Area
NA-CAB-800FR-NWK	AC Powered Network Cabinet for DeltaV or DeltaV SIS; Front and Rear Access; 800mm deep, Cable Entry - Bottom	120 VAC	Safe Area/ North America
NA-CAB-800FR-NW-SER	AC Powered Network And Server Integrated Cabinet for DeltaV or DeltaV SIS; Front and Rear Access; 1000mm deep, Cable Entry - Bottom	120 VAC	Safe Area/ North America

The CTO base model reference for cabinets uses the following naming convention: “NA-CAB-XXXXYY-ZZZ”, where

- XXXX = cabinet width (mm). “800”.
- YY = “FR” for Front and Rear access
- ZZZ = NWK for Network cabinet and SER for Server cabinet

Overview of CTO Server and Network Cabinets – Base Models for Europe Region

Base Model number	Description	Power Requirement (Pri and Sec)	Permitted Location / World Area
EU-CAB-800FR-NWK-CB	AC Powered Network Cabinet for DeltaV or DeltaV SIS; Front and Rear Access; 800mm deep, Cable Entry - Bottom	230 VAC	Safe Area EUR
EU-CAB-800FR-NW-SER-CB	AC Powered Network And Server Integrated Cabinet for DeltaV or DeltaV SIS; Front and Rear Access; 1000mm deep, Cable Entry - Bottom	230 VAC	Safe Area EUR
EU-CAB-800FR-NWK-PDU	AC Powered Network Integrated Cabinet for DeltaV or DeltaV SIS; Front and Rear Access; 1000mm deep, Cable Entry - Bottom	230 VAC	Safe Area EUR
EU-CAB-800FR-NW-SER-PDU	AC Powered Network And Server Integrated Cabinet for DeltaV or DeltaV SIS; Front and Rear Access; 1000mm deep, Cable Entry - Bottom	230 VAC	Safe Area EUR

The CTO base model reference for cabinets uses the following naming convention: “EU-CAB-XXXXYY-ZZZ-DDD”, where

- XXXX = cabinet width (mm). “800”.
- YY = “FR” for Front and Rear access
- ZZZ = NWK for Network cabinet and SRV for Server cabinet
- DDD = AC Power distribution thru, CB = Circuit Breaker or PDU = Power Distribution Unit

Overview of CTO Server and Network Cabinets – Base Models for MEA and AP Region

Base Model number	Description	Power Requirement (Pri and Sec)	Permitted Location / World Area
NK-CAB-800FR-NWK	AC Powered Network Cabinet for DeltaV or DeltaV SIS; Front and Rear Access; 800mm deep, Cable Entry - Bottom	230 / 110 VAC	Safe Area AP/MEA
NK-CAB-800FR-SRV	AC Powered Server Cabinet for DeltaV or DeltaV SIS; Front and Rear Access; 1000mm deep, Cable Entry - Bottom	230 / 110 VAC	Safe Area AP/MEA
NK-CAB-800FR-NW-SER	AC Powered Network And Server Integrated Cabinet for DeltaV or DeltaV SIS; Front and Rear Access; 1000mm deep, Cable Entry - Bottom	230 / 110 VAC	Safe Area AP/MEA

The CTO base model reference for cabinets uses the following naming convention: “NK-CAB-XXXXYY-ZZZ”, where

- XXXX = cabinet width (mm). “800”.
- YY = “FR” for Front and Rear access
- ZZZ = NWK for Network cabinet and SRV/SER for Server cabinet

Overview of CTO Server and Network Cabinets models and Options for North America

				Base Model	NA-CAB-800FR-NW-K	NA-CAB-800FR-NW-SER
				World Area	NA	NA
				Power Input (120VAC)	AC	AC
				Enclosure Access (FR: Front-Rear)	FR	FR
Enclosure Options						
Cabinet Type	A		1	RAL 7035-Mesh-Single Fr Double Rr	•	•
			2	RAL 9005-Mesh-Single Fr Double Rr	o	o
Cable Clamp Rail	B		1	No	•	•
			2	Yes	o	o
Field Cable Routing	C		1	Wire Basket	•	•
			2	Shunting Ring	o	o
Temperature Monitoring	D		1	No	•	•
			2	Yes	o	o
VRTX	E		1	No	NA	•
			2	Yes		o
Certification	F		1	None	•	•
			2	CSA	o	o

- : Default option setting
- o : Configure To Order option setting, different from default
- blank : Option setting not possible for the base enclosure
- ☐ : Intentionally left blank to fill in your configuration choices

Following more detailed options can be specified upon order (if applicable):

- Wiring color scheme different from default: L- Black, N- White, PE- Green
- Input Voltage different from default: NA (120VAC)

Overview of CTO Server and Network Cabinets models and Options for European Region

Base Model				EJ-CAB-800FR-NWK-CB	EJ-CAB-800FR-NW-SER-CB	EJ-CAB-800FR-NWK-PDU	EJ-CAB-800FR-NW-SER-PDU
				World Area	EU	EU	EU
Power Input (230VAC)				AC	AC	AC	AC
Enclosure Access (FR: Front-Rear)				FR	FR	FR	FR
Enclosure Options							
Cabinet Type	A	1	RAL 7035-Solid-Single Fr Single Rr	•	•	NA	NA
		2	RAL 7035-Mesh-Single Fr Single Rr	o	NA	o	
		3	RAL 7035-Mesh-Single Fr Double Rr	o	o	o	•
		4	RAL 9005-Mesh-Single Fr Double Rr	o	o	o	o
Cable Management	C	1	Brush Strip	•	•	NA	NA
Cable Clamp Rail	B	1	No	•	•	•	•
		2	Yes	o	o	o	o
Field Cable Routing		1	Cable Tray	NA	NA	•	•
		2	Shunting Rings			o	o
Temperature Monitoring	D	1	Yes	•	•	•	•
Enclosure Light	E	1	No	•	•	•	•
		2	LED Light	o	o	o	o
Utility Socket	F	1	No	•	•	NA	NA
		2	Yes	o	o		
VRTX	G	1	No	NA	•	NA	•
		2	Yes with Internal Domain Controller		o		o
		3	Yes with External Domain Controller		o		NA
Certification	H	1	CE	•	•	•	•
		2	None	o	o	o	o

- : Default Option Setting
- o : Configure to option setting. (Different from Default)
- blank : Option setting not possible for Base Enclosure Model
- ☐ : Intentionally kept blank for user to fill as per configuration choice

Overview of CTO Server and Network Cabinets models and Options for MEA and AP Region

Base Model				NIK-CAB-800FR-NWK	NIK-CAB-800FR-SRV	NIK-CAB-800FR-NW-SER
				World Area	MEA/AP	MEA/AP
Power Input (230VAC/110VAC)				AC	AC	AC
Enclosure Access (FR: Front-Rear)				FR	FR	FR
Enclosure Options						
Nameplate Engraving	A	1	Yes	•	•	•
		2	No	o	o	o
Cable Clamp Rail	B	1	No	•	•	•
		2	Yes	o	o	o
Plinth	C	1	100 mm	•	•	•
		2	200 mm	o	o	o
Cabinet Door	D	1	Single Vented Door At Front And Rear	•	•	•
		2	Single Solid Door At Front And Rear	o	o	o
		3	Single Glass Door At Front And Single Solid Door At Rear	o	o	o
		4	Double Leaf Vented Door At Front And Rear	o	o	o
Input Voltage	E	1	230V AC	•	•	•
		2	110V AC	o	o	o
PDU Socket Type	F	1	C13 Type	•	•	•
		2	Universal Type	o	o	o
Fan Flow Switch	G	1	No	•	•	•
		2	Yes	o	o	o
Enclosure Light	H	1	With Door Switch	•	•	•
		2	With Motion Sensor	o	o	o
		3	No	o	o	o
Temperature Monitoring	I	1	Yes	•	•	•
Utility Socket	J	2	No	•	•	•
		3	Yes	o	o	o
Utility Feeder	K	1	Yes	•	•	•
		2	No	o	o	o

- : Default Option Setting
- o : Configure to option setting. (Different from Default)
- blank : Option setting not possible for Base Enclosure Model
- Intentionally kept blank for user to fill as per configuration choice

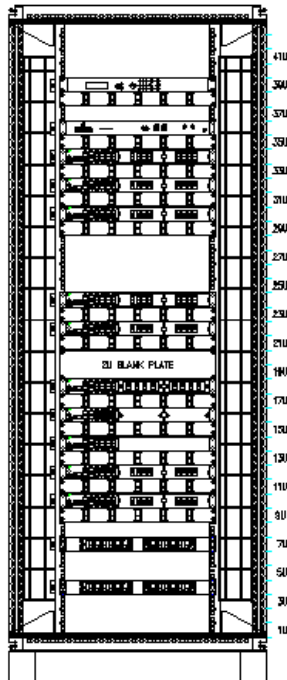
Following more detailed options can be specified upon order (if applicable):

- Wiring color scheme different from default: L- Brown, N- Blue, PE- GN-YE
- Input Voltage different from default: AP/MEA (230VAC/110VAC)

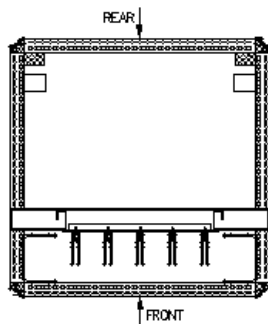
Cabinet Specifications

NA-CAB-800FR-NWK	
Dimensions	800mm (W) x 800mm (D) x 2000mm (H) + 100mm Plinth
Access	Front & Rear Access – Single door on Front, Single or double door option for rear side, Push Button and Lock Insert
Protection Category	IP20
Approximate Weight	~150 kg (Empty cabinet)
Color	Cabinet RAL7035 with Mesh door option or RAL9055 with Mesh door (this option available only with single door on front and double door on rear)
Temperature Monitoring	Thermostat
Other	Vented doors, 19" frame, grounding bar, lifting eye bolts on top, bottom cable entry, removable gland plate
Environmental Specifications	Equipment/rack room installation (HVAC controlled), 30°C Max.
Certifications	Installation in Safe Area locations; Default Certification: None; Optional: CSA (US/Canada)
Input Power	Primary and Secondary 120 VAC
Internal Power Distribution	AC power Distribution through separate Primary and Secondary set of Power distribution units.
Control Network	DeltaV Smart Switches, Printer Switch and other networking components are available for configuration.

Example Layout and Installed Equipment:



Front View



Top View

Total 17 different positions available for selecting required networking component.

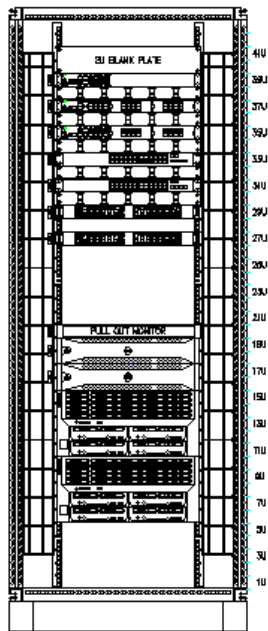
Possible options:

- Blank Plate
- DeltaV Smart Switches
- DeltaV Smart Switches With Expansion Module
- Printer Switch
- Firewall
- GPS
- ATS
- FOPP

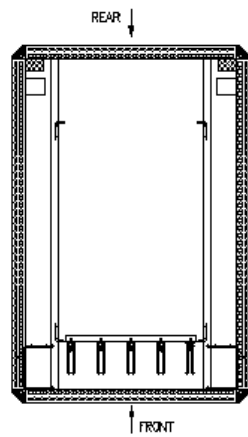
No DeltaV or buyout network equipment is included in the base model. All DeltaV or buyout network equipment is to be configured separately through the Emerson quotation tools.

NA-CAB-800FR-NW-SER	
Dimensions	800mm (W) x 1000mm (D) x 2000mm (H) + 100mm Plinth
Access	Front & Rear Access – Single door on Front and double door on rear side, Push Button and Lock Insert
Protection Category	IP20
Approximate Weight	~150 kg (Empty cabinet)
Color	Cabinet RAL7035 or RAL9055 option with Mesh door
Temperature Monitoring	Thermostat
Other	Vented doors, 19" frame, grounding bar, wiring plan pocket, lifting eye bolts on top, bottom cable entry, removable gland plate
Environmental Specifications	Equipment/rack room installation (HVAC controlled), 30°C Max.
Certifications	Installation in Safe Area locations; Default Certification: None; Optional: CSA (US/Canada)
Input Power	Primary and Secondary 120 VAC
Internal Power Distribution	AC power Distribution through separate Primary and Secondary set of Power distribution units.
Control Network	VRTX, Server, workstation, DeltaV Smart Switches, Printer Switch and other networking components are available for configuration.

Example Layout and Installed Equipment:



Front View



Top View

Total 16 different positions available for selecting required networking component.

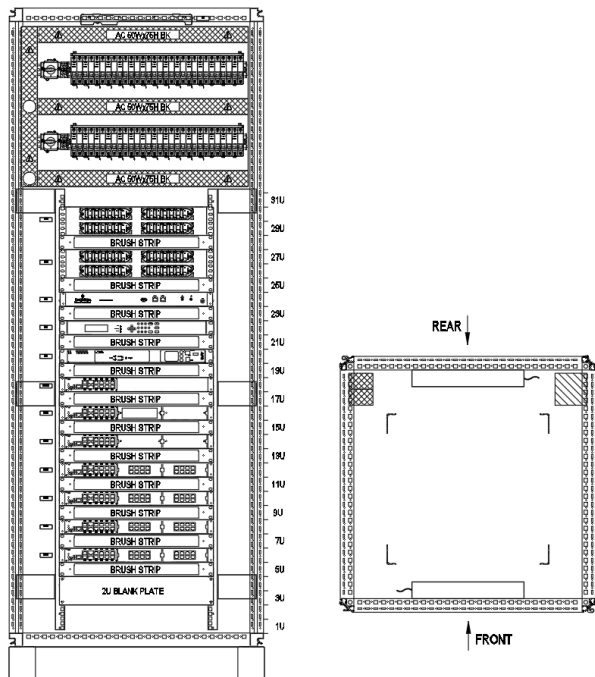
Possible options:

- Blank Plate
- VRTX
- Server
- Workstation
- Pullout type monitor
- DeltaV Smart Switches
- DeltaV Smart Switches-VRTX
- DeltaV Smart Switches With Expansion Module
- Printer Switch
- Firewall
- GPS
- ATS
- FOPP

No DeltaV or buyout network equipment is included in the base model. All DeltaV or buyout network equipment is to be configured separately through the Emerson quotation tools.

EU-CAB-800FR-NWK-CB	
Dimensions	800mm (W) x 800mm (D) x 2000mm (H) + 100mm Plinth
Access	Front & Rear Access – Single door on Front, Single or double door option for rear side, Push Button and Lock Insert
Protection Category	IP54 for Solid Door and IP20 for Mesh Door
Approximate Weight	~150 kg (Empty cabinet)
Color	Cabinet RAL7035 – Solid Door & Mesh door option, RAL9055 – Mesh door only
Temperature Monitoring	Thermostat
Other	19” frame, grounding bar, wiring plan pocket, lifting eye bolts on top, bottom cable entry, removable gland plate
Environmental Specifications	Equipment/rack room installation (HVAC controlled), 30°C Max.
Certifications	Installation in Safe Area locations; Default Certification: CE (Europe); Optional: None
Input Power	Primary, Secondary and Utility 230 VAC
Internal Power Distribution	AC Distribution through separate Primary and Secondary set of Power distribution circuit breakers.
Control Network	DeltaV Smart Switches, Printer Switch and other networking components are available for configuration.

Example Layout and Installed Equipment:



Total 15 different positions available for selecting required networking component.

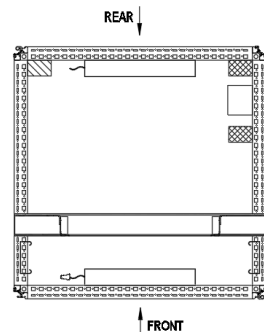
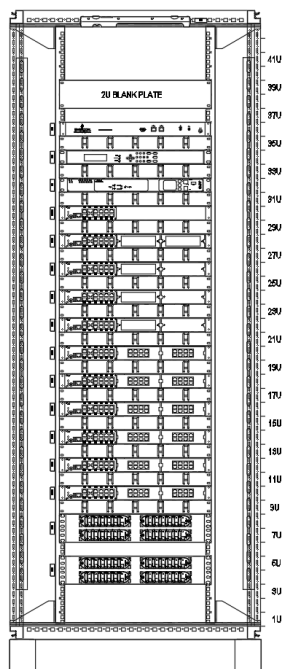
Possible options:

- Blank Plate
- DeltaV Smart Switches
- Printer Switch
- Firewall
- GPS
- ATS
- FOPP

No DeltaV or buyout network equipment is included in the base model. All DeltaV or buyout network equipment is to be configured separately through the Emerson quotation tools.

EU-CAB-800FR-NWK-PDU	
Dimensions	800mm (W) x 800mm (D) x 2000mm (H) + 100mm Plinth
Access	Front & Rear Access – Single door on Front, Single or double door option for rear side, Push Button and Lock Insert
Protection Category	IP20
Approximate Weight	~150 kg (Empty cabinet)
Color	Cabinet RAL7035 with Mesh door option or RAL9055 with Mesh door (this option available only with single door on front and double door on rear)
Temperature Monitoring	Thermostat
Other	Vented doors, 19" frame, grounding bar, wiring plan pocket, lifting eye bolts on top, bottom cable entry, removable gland plate
Environmental Specifications	Equipment/rack room installation (HVAC controlled), 30°C Max.
Certifications	Installation in Safe Area locations; Default Certification: CE (Europe); Optional: None
Input Power	Primary and Secondary 230 VAC
Internal Power Distribution	AC power Distribution through separate Primary and Secondary set of Power distribution units.
Control Network	DeltaV Smart Switches, Printer Switch and other networking components are available for configuration.

Example Layout and Installed Equipment:



Total 17 different positions available for selecting required networking component.

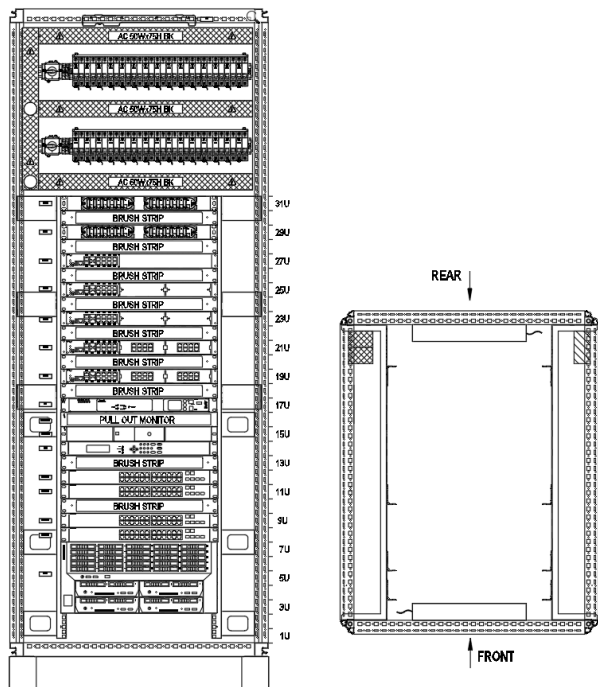
Possible options:

- Blank Plate
- DeltaV Smart Switches
- Printer Switch
- Firewall
- GPS
- ATS
- FOPP

No DeltaV or buyout network equipment is included in the base model. All DeltaV or buyout network equipment is to be configured separately through the Emerson quotation tools.

EU-CAB-800FR-NW-SER-CB	
Dimensions	800mm (W) x 1000mm (D) x 2000mm (H) + 100mm Plinth
Access	Front & Rear Access – Single door on Front, Single or double door option on rear side, Push Button and Lock Insert
Protection Category	IP20
Approximate Weight	~150 kg (Empty cabinet)
Color	Cabinet RAL7035 with Solid / Mesh door option or RAL9055 with Mesh door (this option is available only with single door on front and double door on rear)
Temperature Monitoring	Thermostat
Other	19" frame, grounding bar, wiring plan pocket, lifting eye bolts on top, bottom cable entry, removable gland plate
Environmental Specifications	Equipment/rack room installation (HVAC controlled), 30°C Max.
Certifications	Installation in Safe Area locations; Default Certification: CE (Europe); Optional: None
Input Power	Primary and Secondary 230 VAC
Internal Power Distribution	AC power Distribution through separate Primary and Secondary set of Power distribution circuit breakers.
Control Network	VRTX, Server, workstation, DeltaV Smart Switches, Printer Switch and other networking components are available for configuration.

Example Layout and Installed Equipment:



Total 17 different positions available for selecting required networking component.

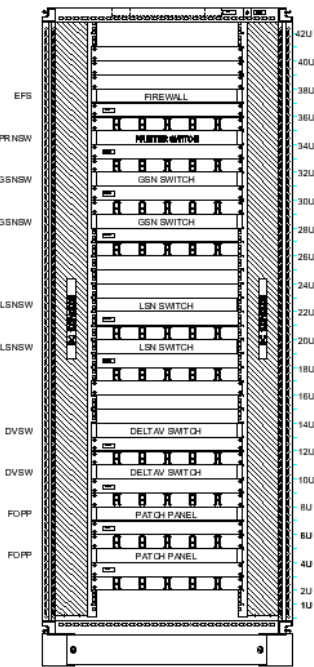
Possible options:

- Blank Plate
- VRTX
- Server
- Workstation
- Pullout type monitor
- USB TO IP CONVERTER
- DeltaV Smart Switches
- Printer Switch
- Firewall
- GPS
- ATS
- FOPP

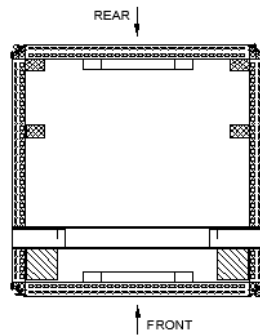
No DeltaV or buyout network equipment is included in the base model. All DeltaV or buyout network equipment is to be configured separately through the Emerson quotation tools.

NK-CAB-800FR-NWK	
Dimensions	800mm (W) x 800mm (D) x 2000mm (H) + 100mm/200mm Plinth
Access	Front & Rear Access – Doors as per specified option, Push Button and Lock Insert
Protection Category	IP54 – NEMA 12 for solid or glass door only
Approximate Weight	~150 kg (Empty cabinet)
Color	Cabinet RAL7035, Plinth RAL7022
Temperature Monitoring	Thermostat
Other	19" frame, grounding bars, wiring plan pocket, lifting eye bolts on top, bottom cable entry, removable gland plate
Environmental Specifications	Equipment/rack room installation (HVAC controlled), 30°C Max.
Certifications	None
Input Power	Primary, Secondary and Utility 230 VAC/110 VAC
Internal Power Distribution	AC Distribution through primary and secondary power distribution with Primary and secondary PDUs for powering the equipment. AC Distribution through utility for powering cabinet light and utility socket.
Control Network	Various DeltaV network switches available for configuration.

Example Layout and Installed Equipment:



Front View



Top View

13 height slots available for configuration each taking 3 U space.

Possible options:

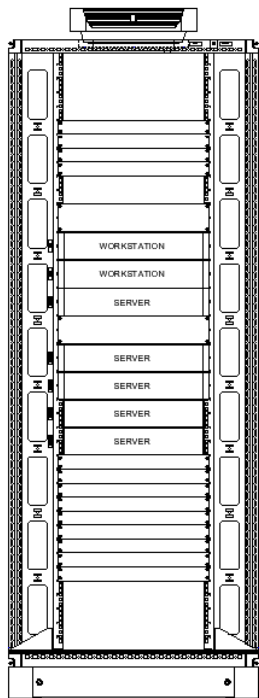
- Blank Plate
- Fiber Optic Patch Panel
- Emerson Switches (DeltaV, LSN or GSN)
- Printer Switch
- GPS Switch
- Emerson Firewall
- Automatic Transfer Switch

Each Switch options will come with cable management panel and 1U blanking plate.

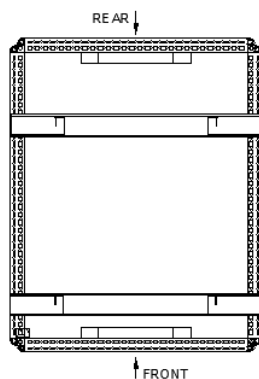
No DeltaV or buyout network equipment is included in the base model. All DeltaV or buyout network equipment is to be configured separately through the Emerson quotation tools.

NK-CAB-800FR-SRV	
Dimensions	800mm (W) x 1000mm (D) x 2000mm (H) + 100mm/200mm Plinth
Access	Front & Rear Access – Doors as per specified option, Push Button and Lock Insert
Protection Category	IP42 – NEMA 12 for solid or glass door only
Approximate Weight	~150 kg (Empty cabinet)
Color	Cabinet RAL7035, Plinth RAL7022
Temperature Monitoring	Thermostat
Other	19" frame, grounding bar, wiring plan pocket, lifting eye bolts on top, bottom cable entry, removable gland plate
Environmental Specifications	Equipment/rack room installation (HVAC controlled), 30°C Max.
Certifications	None
Input Power	Primary and Secondary and Utility 230 VAC/110 VAC
Internal Power Distribution	AC Distribution through primary and secondary power distribution with Primary and secondary PDUs for powering the equipment. AC Distribution through utility for powering cabinet light, fan and utility socket.
Control Network	DeltaV workstations and servers available for configuration.

Example Layout and Installed Equipment:



Front View



Top View

9 height slots available for configuration each taking 2 U space.

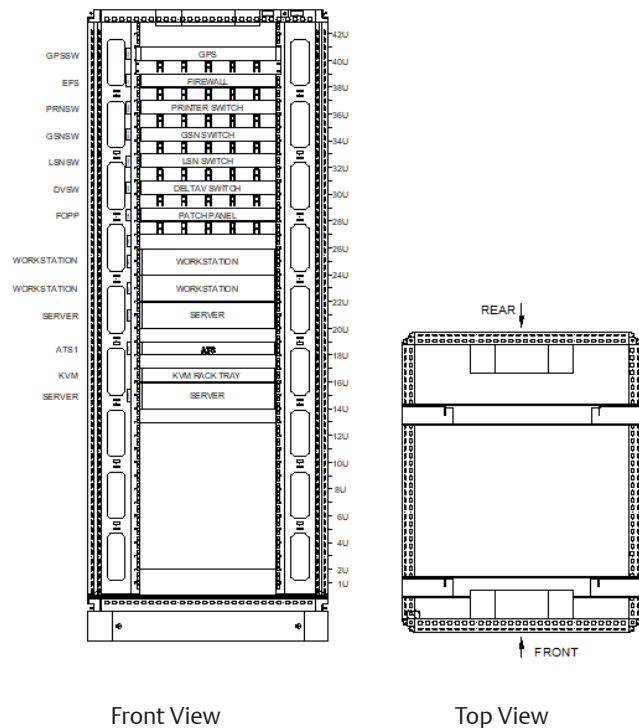
Possible options:

- Blank Plate
- Rack Mount Server
- Rack Mount Workstation
- Pull out monitor

No DeltaV server or workstation or pull out monitor is included in the base model. All DeltaV server or workstation or pull out monitor is to be configured separately through the Emerson quotation tools.

NK-CAB-800FR-NW-SER	
Dimensions	800mm (W) x 1000mm (D) x 2000mm (H) + 100mm/200mm Plinth
Access	Front & Rear Access – Doors as per specified option, Push Button and Lock Insert
Protection Category	IP42 – NEMA 12 for solid or glass door only
Approximate Weight	~150 kg (Empty cabinet)
Color	Cabinet RAL7035, Plinth RAL7022
Temperature Monitoring	Thermostat
Other	19" frame, grounding bar, wiring plan pocket, lifting eye bolts on top, bottom cable entry, removable gland plate
Environmental Specifications	Equipment/rack room installation (HVAC controlled), 30°C Max.
Certifications	None
Input Power	Primary and Secondary and Utility 230 VAC/110 VAC
Internal Power Distribution	AC Distribution through primary and secondary power distribution with Primary and secondary PDUs for powering the equipment. AC Distribution through utility for powering cabinet light, fan and utility socket.
Control Network	DeltaV workstations, servers and various DeltaV network switches available for configuration.

Example Layout and Installed Equipment:



6 height slots available for configuration each taking 2 U space.

Possible options:

- Blank Plate
- Rack Mount Server
- Rack Mount Workstation
- Pull out monitor

7 height slots available for configuration each taking 2 U space.

Possible options:

- Blank Plate
- Fiber Optic Patch Panel
- Emerson Switches (DeltaV, LSN or GSN)
- Printer Switch
- GPS Switch
- Emerson Firewall
- Automatic Transfer Switch

Each Switch options will come with cable management panel.

No DeltaV server or workstation or pull out monitor is included in the base model. All DeltaV server or workstation or pull out monitor is to be configured separately through the Emerson quotation tools.

How to order a CTO Cabinet?

Configure To Order Server and Network Cabinets are pre-engineered solutions developed by Emerson's Project Management Office (PMO) and made available from Emerson Supply Chain. The following steps are followed to obtain a CTO Conventional IO Cabinet:

1. Specify the Server and Network Cabinets Cabinet by selecting the base model and the options required for the project.
2. Based on the specification, you will then receive:
 - A quotation for the fully assembled Cabinet.
 - The detailed specification (drawing package) matching your configuration, including the Bill of Materials.
3. Approve the drawing package for construction.
4. Order the Server and Network Cabinets Cabinet as per provided quotation and approved drawings.
5. The Server and Network Cabinets Cabinet is assembled, factory tested and delivered to site. The delivery includes the as-built drawing package (AutoCAD).

For questions related to specific project quotations or order processing, please contact your local Emerson Sales office or your regional Emerson assembly center:

For US/Canada St. Louis iCenter:

iCenterSTL.Quotes@Emerson.com

For Europe Cluj iCenter:

Cabinets.Quotes@Emerson.com

For Asia Pacific Singapore iCenter:

iCenterSGPQuotes@Emerson.com

For Middle East and Africa iCenter:

rfq.icenter.nsk@Emerson.com

Project Customizations

“...What if a CTO Cabinet is 90% what I need, but I really need my Cabinet to have...”

Minor customizations as a variation or addition to the standard CTO offering can often be developed in such a way that the additional effort is incremental.

In case your project would require a customer witnessed Factory Acceptance Test, this can also be accommodated.

Please work with your local Emerson Sales office or regional Emerson assembly center to evaluate any impacts of requested customizations to cost, delivery time and certifications.

Certifications

The CTO Server and Network Cabinets designs are designed to meet international personal safety and EMC requirements.

Refer to the **DeltaV Workstation hardware, Emerson Smart Firewall, DeltaV Smart Switches and DeltaV Control Network Hardware** Product Data Sheet for certification information on the DeltaV components.

Related Products

- DeltaV Servers must be ordered separately
- DeltaV Workstations must be ordered separately
- DeltaV and DeltaV SIS Network Switches must be ordered separately
- FOPP, Printer Network Switches, and GPS must be ordered separately
- Pull Out Monitor and Automatic Transfer Switch be ordered separately

Emerson

North America, Latin America:

☎ +1 800 833 8314 or

☎ +1 512 832 3774

Asia Pacific:

☎ +65 6777 8211

Europe, Middle East:

☎ +41 41 768 6111

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