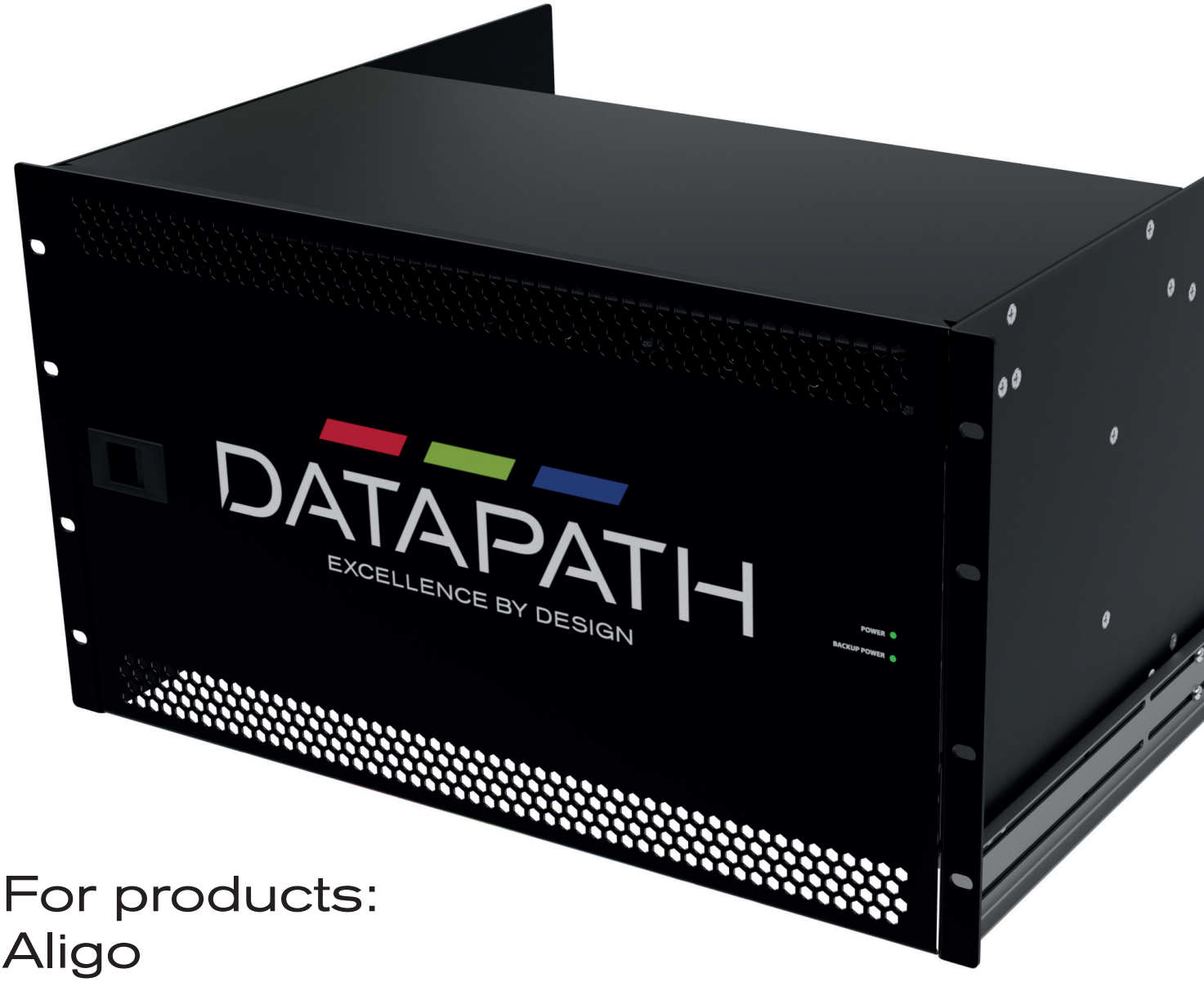
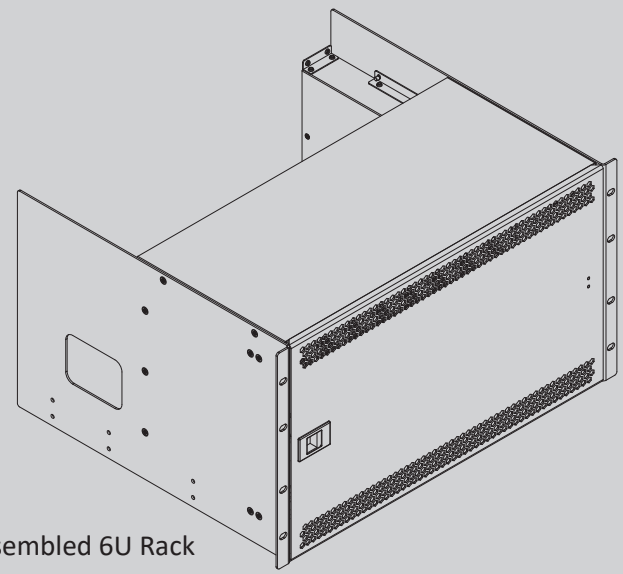
RMK06 6U Rack Shelf Assembly instructions



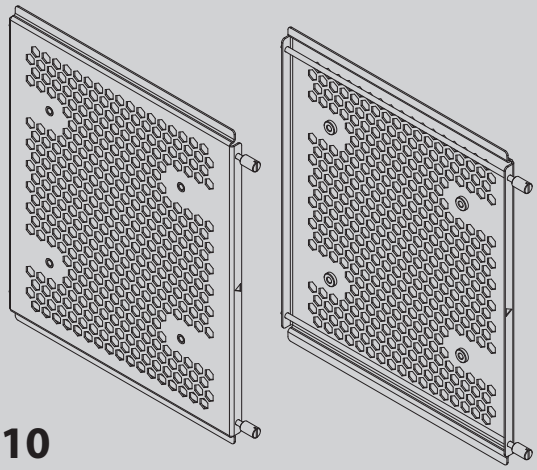
For products:
Aligo
IQS4

DATAPATH
EXCELLENCE BY DESIGN

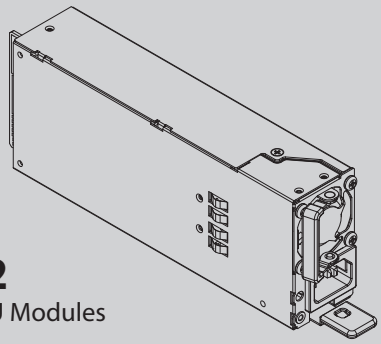
Contents



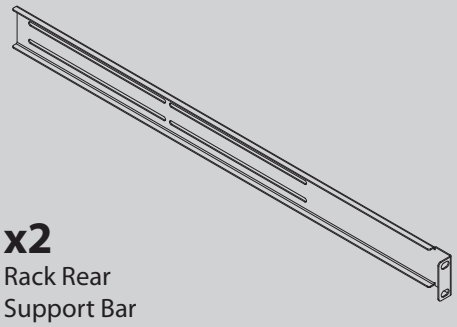
x1
Pre-Assembled 6U Rack



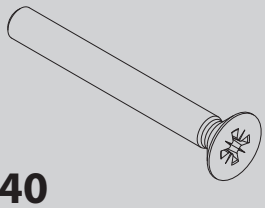
x10
Device Mounting Plate Assembly (Long screws and circlips pre-fitted)



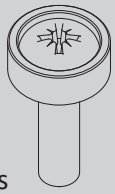
x2
PSU Modules



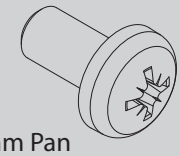
x2
Rack Rear Support Bar



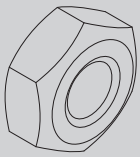
x40
M4 x 35mm Pozi Head Countersunk Screws



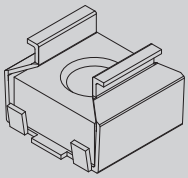
x12
M6 Screws



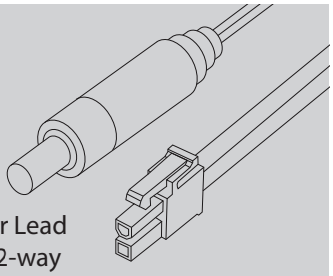
x8
M4 x 8mm Pan Head Pozi Screw



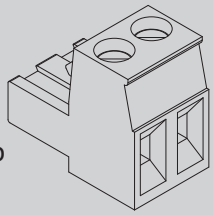
x8
M4 Nut



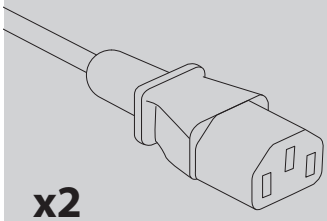
x12
M6 Cage Nut



x10
Device Power Lead (with molex 2-way and 760k connectors)



x2
2-Way Screw Terminal Plug Zero volt connector for power supply status monitoring by external controller



x2
Mains Power Lead (Country Dependant)

TOOLS NEEDED TO ASSEMBLE RACK:

- 1 x Cross Head Screwdriver
- 1 x Pozi Head Screwdriver
- 1 x Flat Head Screwdriver (Note: Only needed if using the volt free contact connector)

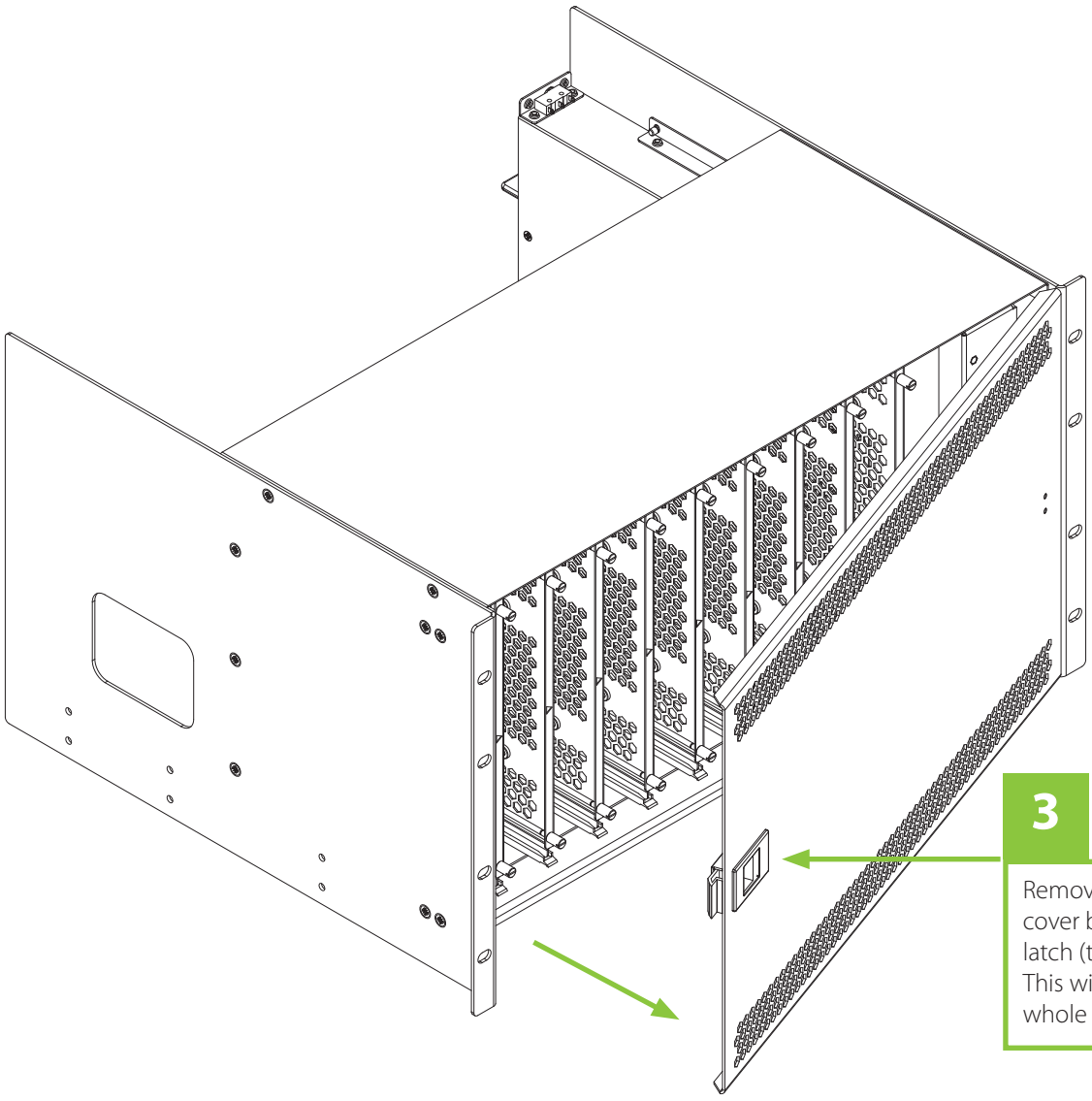
Assembly and Fitting Instructions

1

Unpack the rack and the accessories, checking the contents.

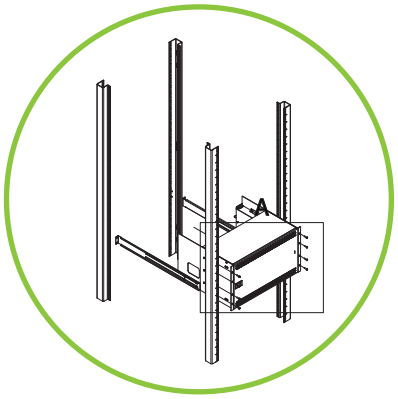
2

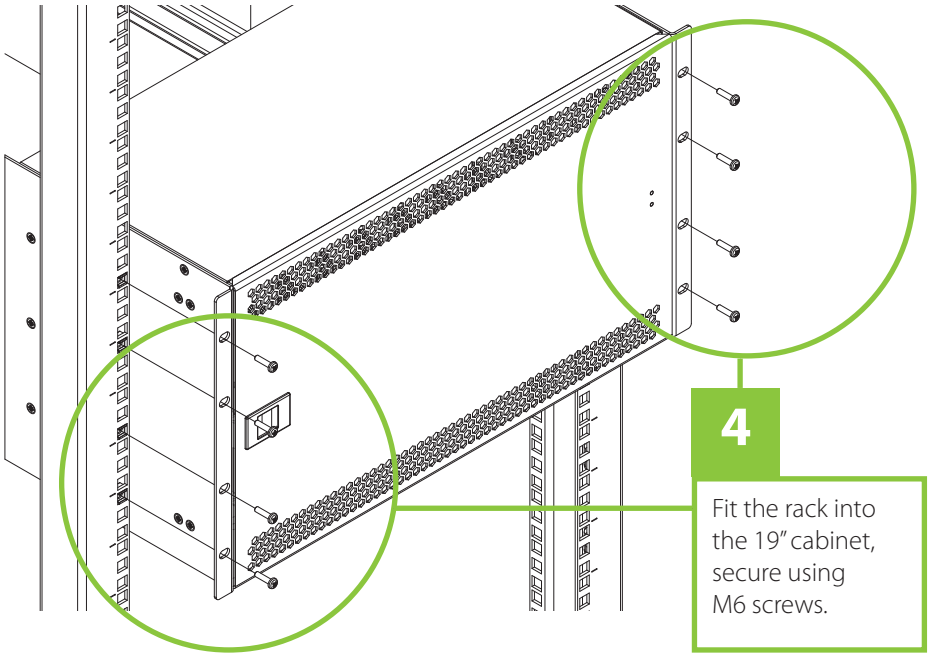
Push M6 caged nuts into the 19" cabinet front and rear.



3

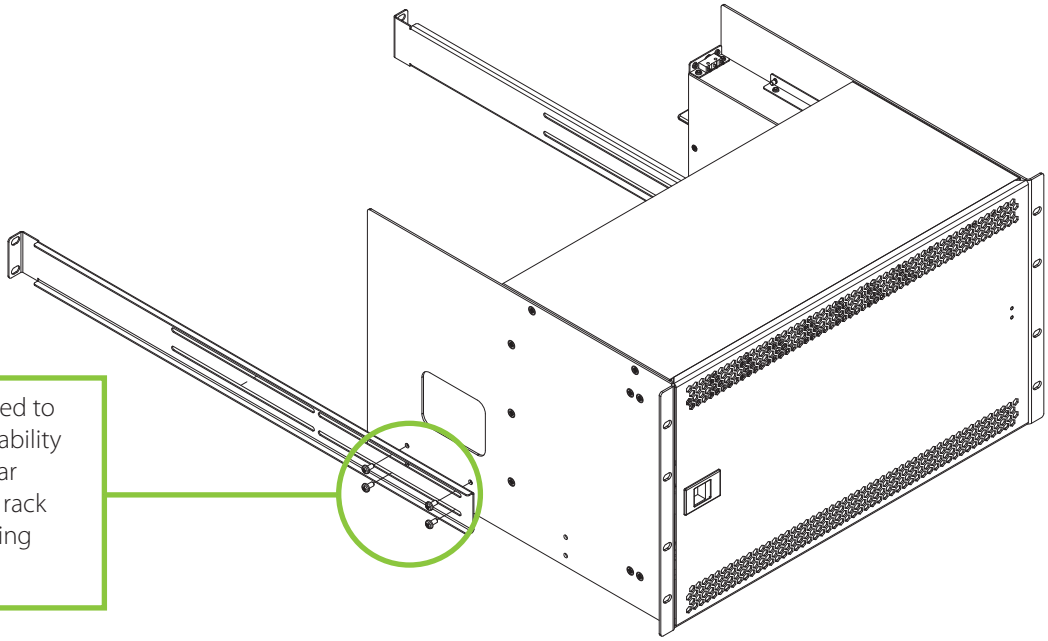
Remove the front cover by pushing the latch (to the right). This will release the whole panel.





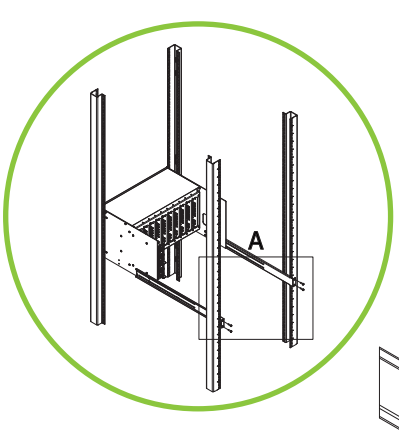
4

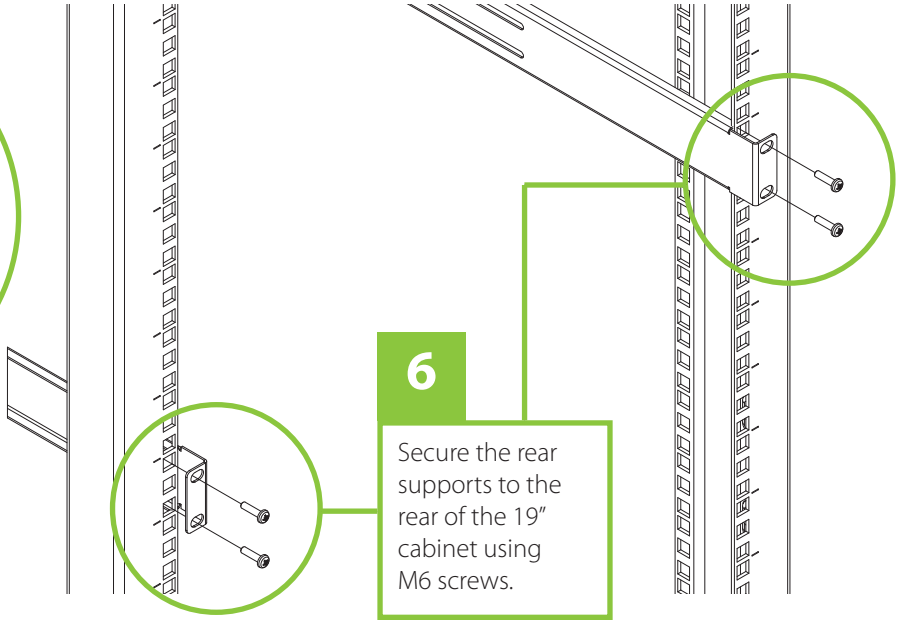
Fit the rack into the 19" cabinet, secure using M6 screws.



5

It's recommended to provide extra stability by fitting the rear supports to the rack on each side using M4 screws.



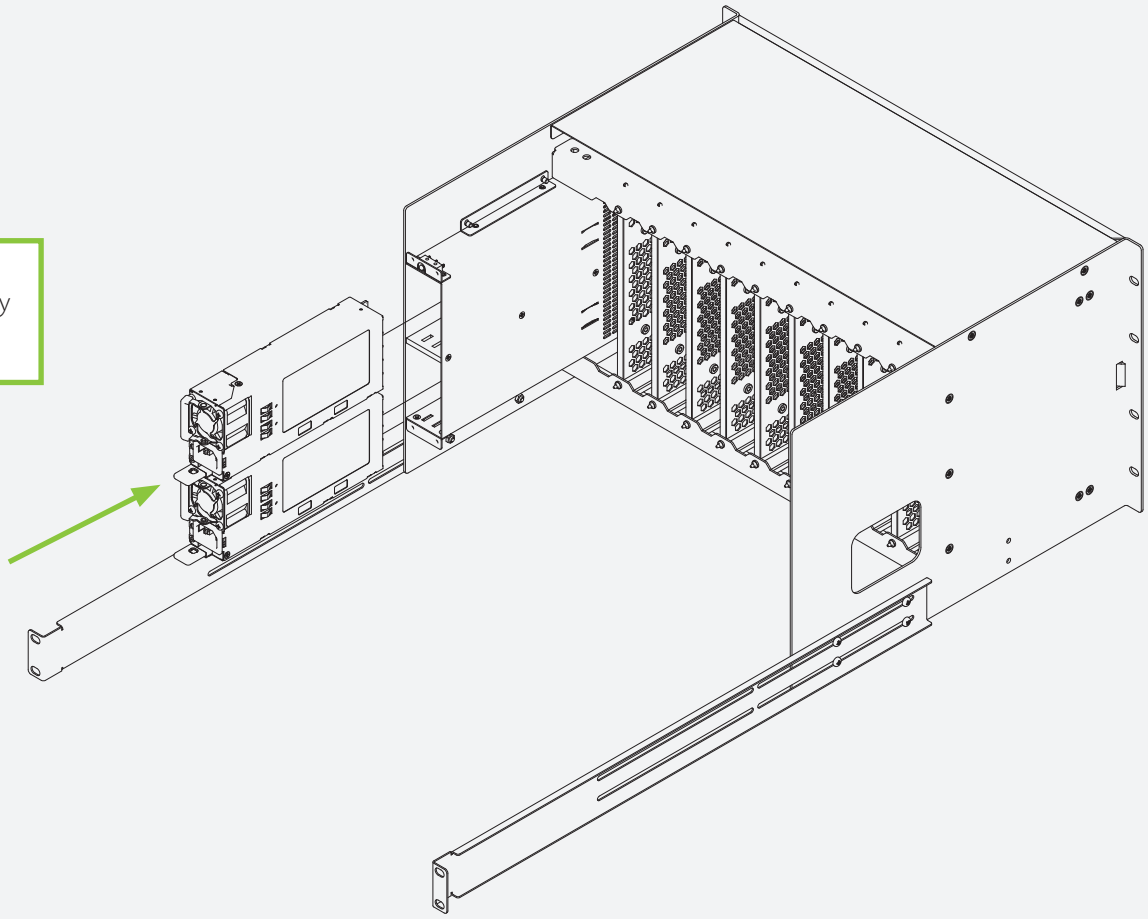


6

Secure the rear supports to the rear of the 19" cabinet using M6 screws.

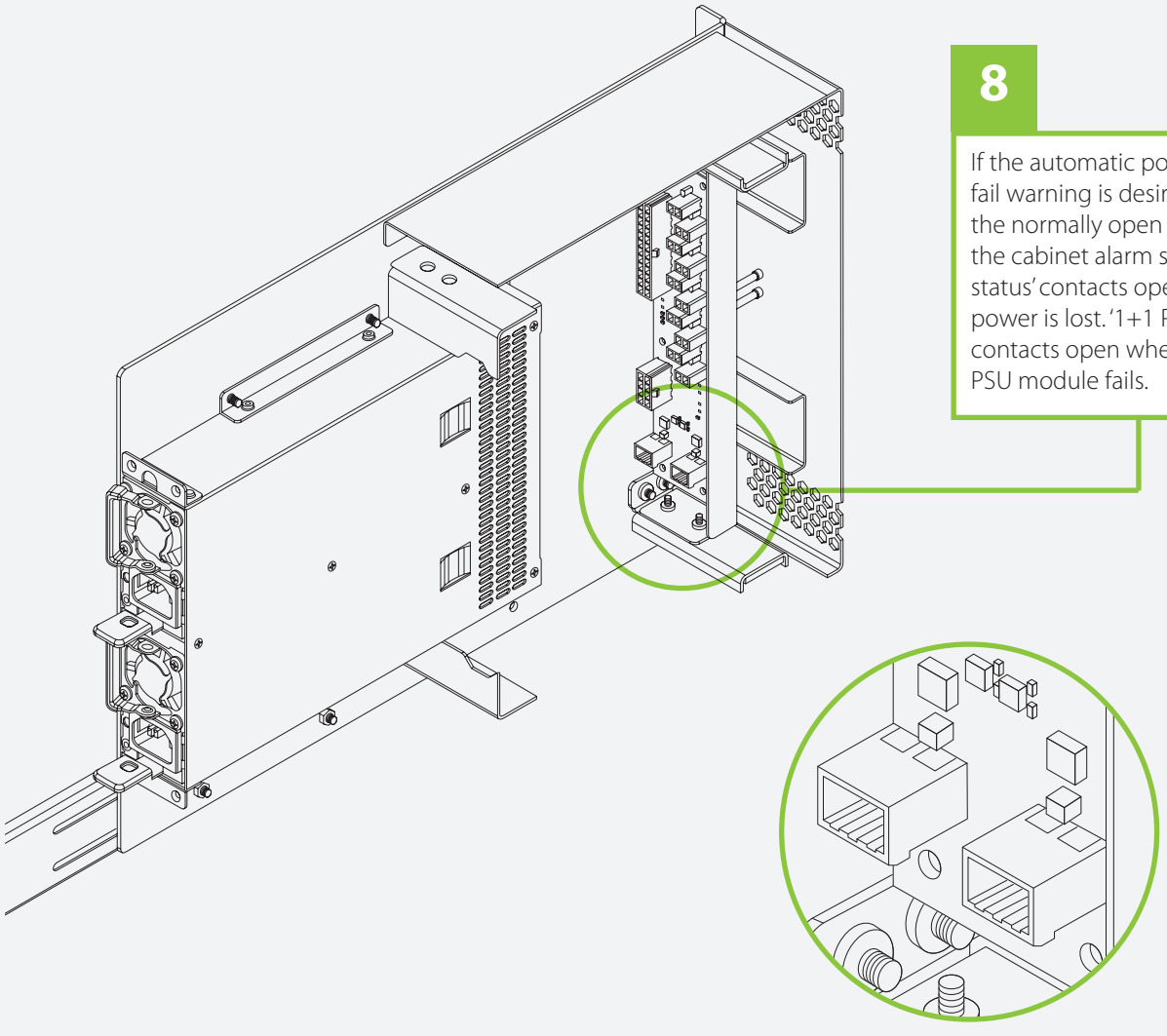
7

Insert the PSU modules until they click into place.



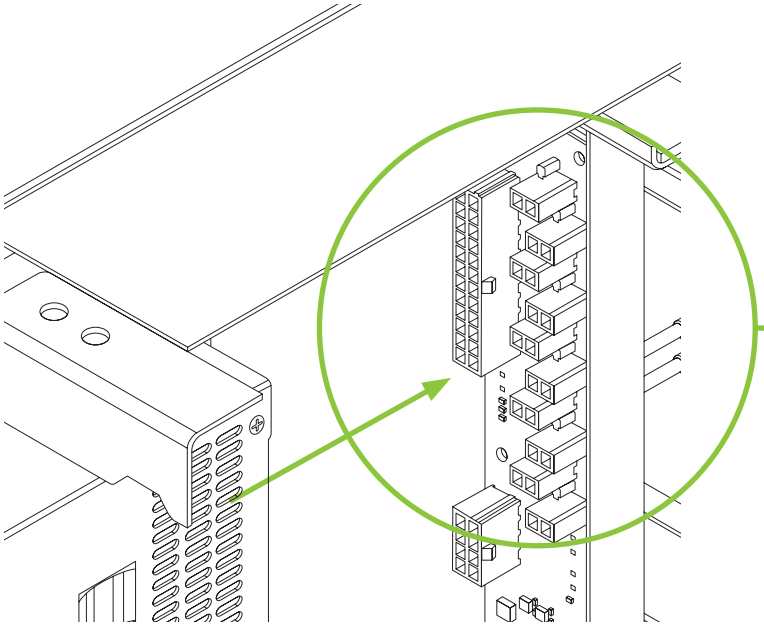
8

If the automatic power supply fail warning is desired: wire the normally open contacts to the cabinet alarm system. '12V status' contacts open when all power is lost. '1+1 PSU status' contacts open when either PSU module fails.



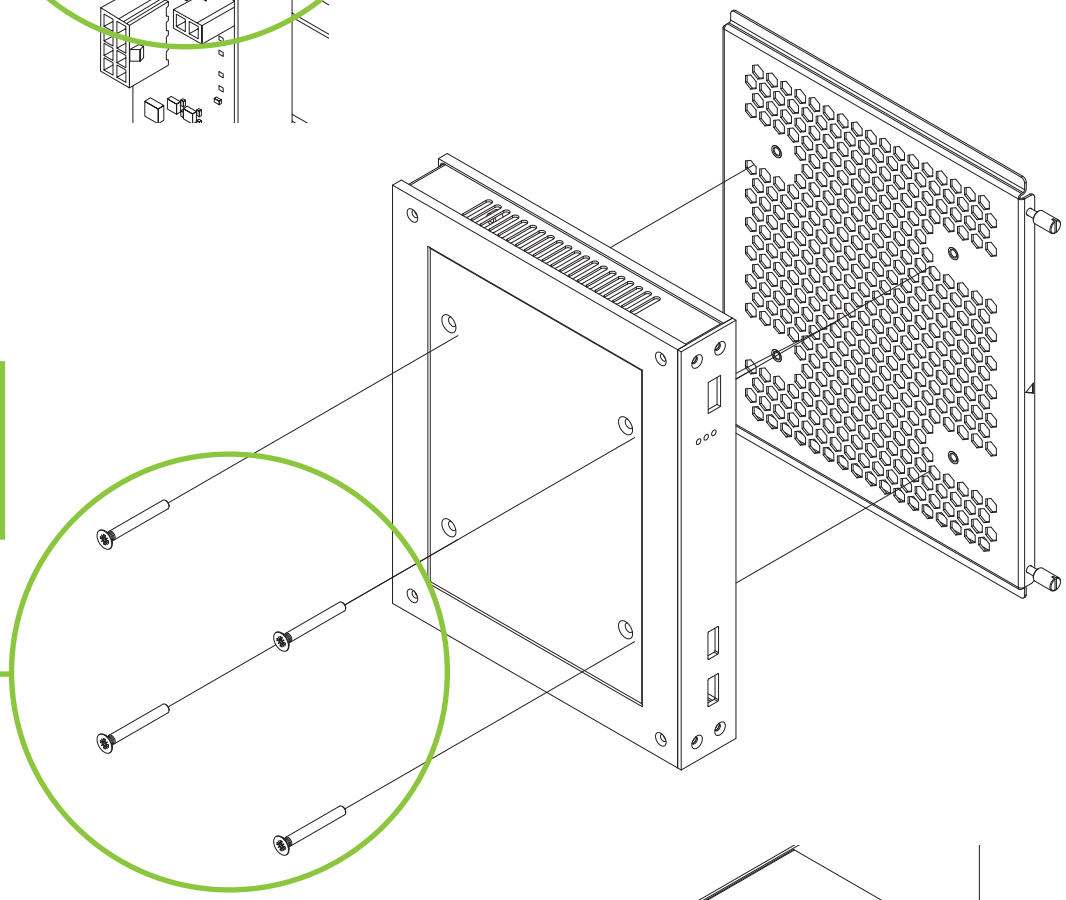
9

Connect the individual unit power supply connectors.
If not connected, connect the individual unit power supply connectors to the PCB as shown and to the individual unit.



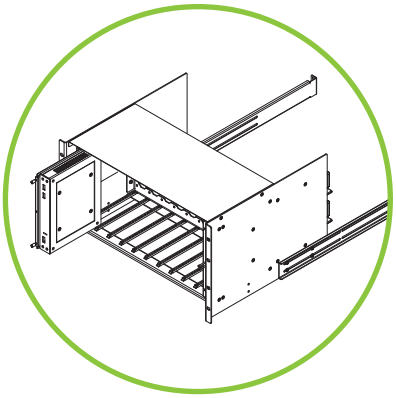
10

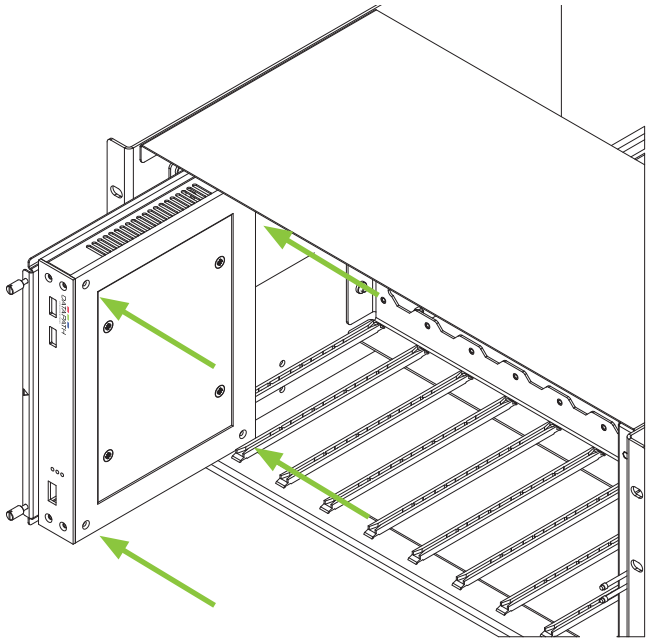
Fit the Aligo/IQS4 units to the backing plates using 35mm M4 screws.



11

Slide the units into the rack, making sure the screw is lined up to the hole and screw in place to securely attach on. To ensure proper airflow through the system, please ensure all units are mounted in the orientation as illustrated. The Datapath logo should be towards the top.





12

Connect both rack power supplies to the mains using the supplied mains leads.

13

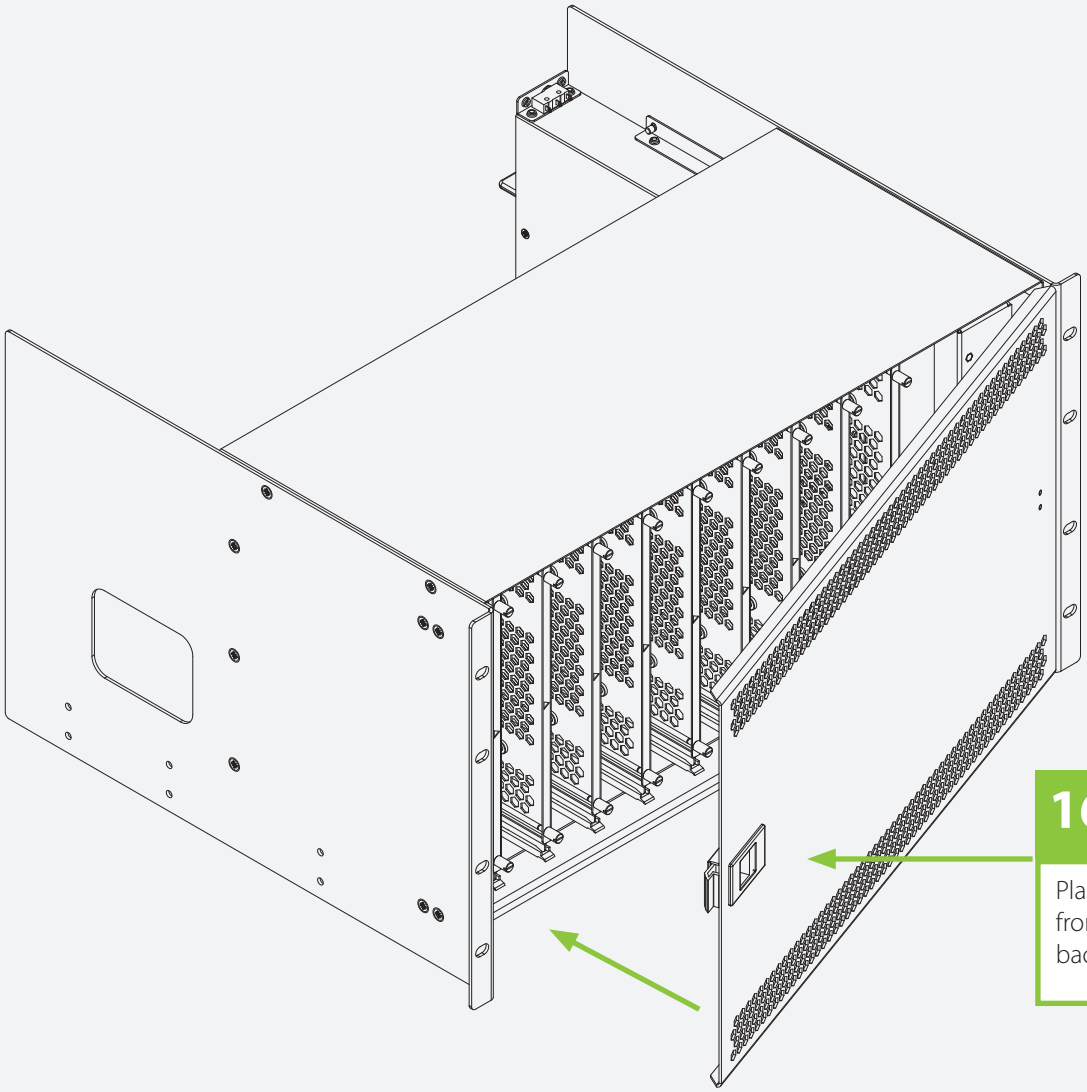
Switch the power on.

14

Check the two LED indicators on the front are working. Both lights should appear on. Note: under normal circumstances both the 'power' and 'backup power' lights should be on, indicating that the system is in dual redundant mode and backup power is available. If only one working power supply is detected, then only the primary power LED will be lit up.

15

On the rear of the unit, check that both the PSUs are working. Both LEDs should appear on.



16

Place the rack front cover back on.

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