HubPac Frequently Asked Questions

General Questions

QUESTION	ANSWER
What is a Hub-Pac?	Paragon P2-HUBPAC and HUBPAC8-RK (used in Paragon I), allows Paragon end users to expand their user access capability.
What are the number of users that can be supported?	Each P2-HUBPAC or HUBPAC8-RK expands user access capability to a maximum of 32 users per HUBPAC. However, if expansion is required (i.e., up to 64 users) two HUBPACs will be required to allow for the expansion.
How many servers can be supported in a Hub-Pac configuration?	Each HUBPAC is capable of connecting 8 servers to 4 Paragon Matrix Switch units.
Can P1 CIMs be mixed in PII environments?	Yes – the only P1 CIMs that are supported are UKVMP, UKVMC and UKVMPD
Can P2 CIMs be mixed in PI environments?	No – P2 CIMs can not be used in P1 HUBPAC8-RK configurations.
Known limitations	HUBPAC8-RK does not support a firmware upgrade capability. Recently, P2-HUBPAC has incorporated new chips that support firmware upgrades. However, we recommend Raritan personnel to assist in this area.
What are the number of users that can be supported?	Each P2-HUBPAC or HUBPAC8-RK expands user access capability to a maximum of 32 users per HUBPAC. However, if expansion is required (i.e., up to 64 users) two HUBPACs will be required to allow for the expansion.

What is Paragon II Hub-Pac Compatible with?	Below is the compatibility matrix for Paragon II Hub-Pac:

Raritan Products	Product Name	Support Firmware Versions
Hub-Pac	P2-HUBPAC	OC2
All Paragon II models	P2-UMT1664M P2-UMT1664S P2-UMT832M P2-UMT832S P2-UMT442 P2-UMT242	3C0G, 3B1 or above.
Paragon I, Hardware 3 models with Paragon II (PII) Firmware	UMT1664-RK UMT8-RK UMT442-RK UMT242-RK	Loader OC3-P2M3B0K 3B0K or above
PII UST user station	P2-UST	1B9 or above
PI UST user station	UST1	5J0C8 or above
PII PS2 CIM	P2CIM-PS2	UKPY-1A8 or above
PII SUN CIM	P2CIM-SUN	USPY-1A7 / 2A2 or above
PII USBG2 CIM	P2CIM-USBG2	0A1M or above
P1 PS2 CIMs	UKVMP UKVMC UKVMPD - DirectConnect	 0B7

What is the PII Hub-Pac Power up Sequence?	**New Install procedures** • All devices and targets must be powered off • Connect CIMs to targets • Connect CIMs to Hub-Pac • Configure Hub-Pac to PII UMT (make topology connections with all devices off) • Power up Targets • Power up Hub-Pac (Power on one PII Hub-Pac at a time). • Execute the 1st to 3rd tier power sequence with a partial reset on base after the system database has been loaded. • If multiple base units are involved, execute partial reset on each base after the data base is loaded. The database is not completed loading if the LCD of the base UMT flashes "DB Sorting…" message. **Existing PII Environment** • Make sure PII firmware versions are P2-3B1/ UST-1B9 or above. • Make sure Hub-Pac is powered off • Configure Hub-Pac to PII UMT (make topology connections with Hub-Pac off) • Disconnect CIMs from UMT and execute a partial reset of all UMTs to clear the Paragon database of "ghost" names. (Will not affect user or system profiles). • Connect CIMs to PII Hub-Pac • Power on one PII Hub-Pac one at a time. • Verify Target Status and accessibility from PII-UST.

What is Paragon 1 Hub-Pac Compatible with?	Below is the compatibility matrix for Paragon I HUBPAC:

Raritan Products	Product Name	Support Firmware Versions
Hub-Pac	HUBPAC8-RK	Hub-0B4
Paragon I (P1), Hardware 3	UMT242-RK UMT442-RK UMT8-RK UMT1664-RK	3C3 or above
P1, Hardware 2	UMT242-RK UMT442-RK UMT8-RK	2C3
P1 UST user station	UST1	4L98 or above
P1 PS2 CIM	UKVMC UKVMP UKVMPD - *DirectConnect*	0B7 or above
P1 SUN CIM	USKVMC USKVMP	USK-0C51
P1 ZCIM	USKVMPD - *DirectConnect ZCIM*	ZUSP-0A5

What is the PI Hub-Pac Power-up Sequence?	**New Install procedures** • All device and targets must be powered off • Connect CIMs to targets • Connect CIMs to Hub-Pac • Configure Hub-Pac to PI UMT (make topology connections with all devices off) • Power up Targets • Power up Hub-Pac (Power on one PI Hub-Pac at a time). • Execute the 3rd to base tier power sequence. • Note: It is important that you wait for each tier unit to finish powering up before proceeding to powering the lower tier. **Existing PI Environment** • Make sure PI firmware versions reflect compatibility chart above. • Make sure Hub-Pac is powered off • Configure Hub-Pac to PI UMT (make topology connections with Hub-Pac off) • Disconnect CIMs from UMT and execute a partial reset (3rd to base tier) to clear the Paragon database of "ghost" names. (Will not affect user or system profiles). • Connect CIMs to PI Hub-Pac • Power on one PI Hub-Pac one at a time. • Verify Target Status and accessibility from UST.