



Product Change Notice

PRI SmartNodes SN4970/80/90

Notice Date: January, 2018

Last Order Date: June 29, 2018

Manufacture Discontinue (MD) Date: December 31, 2018*

Market Regions Affected: Worldwide

***Product support will continue within standard SmartWare release cycles**

Introduction

Due to the fast evolution of VoIP, routing, and SBC functionalities being developed by Patton for the SmartNode product line, more and more system memory is being required. To cope with the increased memory needs, accommodating features being made available in the future, the hardware of SmartNode products need to go along, requiring being upgraded as well.

This product change notice involves the Manufacture Discontinue (MD) of the Patton SmartNodes series SN4970/71, SN4980/81, SN4991. These products are now officially "Orange" indicating the sunset phase of the lifecycle. They will become "RED" by the last order Date (last time buy) as indicated above. See the lifecycle [color codes explanation](#) in the definitions section for more details.

The next generation hardware SN4970A, SN4980A and SN4990A have similar and better capabilities. The detailed list of which SKUs are being changed to new product SKUs is provided below.

Products Affected and Replacements

The following table provides a list of all SKU`s that are being replaced by new SKU`s.

SmartNode models SN4970/71, SN4980/81 and SN4991 run either Smartware or Trinity.
The **replacement products** SN4970A, SN4980A and SN4990A are running **Trinity OS only**.

For ease of reading:

Software versioning explanation:

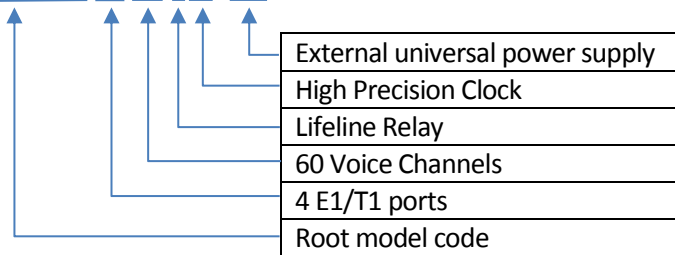
Smartware OS: R6.X

Trinity OS: 3.13.X, 3.13.x, etc.

SKU scheme explanation:

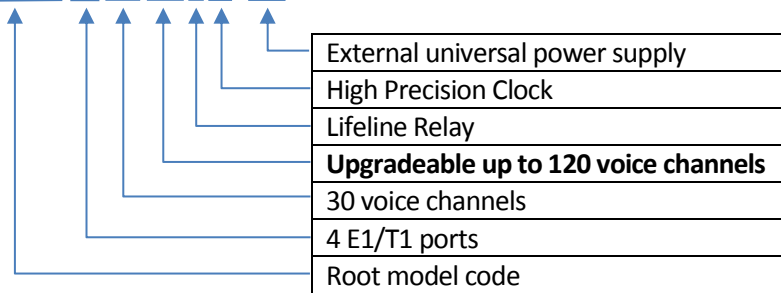
Voice channel **not upgradeable:**

SN4970A/4E60VRHP/EUI



Voice channel **upgradeable:**

SN4980A/4E30V120RHP/EUI



Current SKUs

SN4970/71	Software support Smartware Trinity
SN4970/1E15V/EUI	R6.X up to 3.13.X
SN4970/1E24V/EUI	R6.X up to 3.13.X
SN4970/1E30V/EUI	R6.X up to 3.13.X
SN4970/4E120VR/EUI	R6.X up to 3.13.X
SN4970/4E15VR/EUI	R6.X up to 3.13.X
SN4970/4E24VR/EUI	R6.X up to 3.13.X
SN4970/4E30V120R/EUI	R6.X up to 3.13.X
SN4970/4E30VR/EUI	R6.X up to 3.13.X
SN4970/4E48VR/EUI	R6.X up to 3.13.X
SN4970/4E60VR/EUI	R6.X up to 3.13.X
SN4970/4E96VR/EUI	R6.X up to 3.13.X
SN4971/1E15V/EUI	R6.X up to 3.13.X
SN4971/1E24V/EUI	R6.X up to 3.13.X
SN4971/1E30V/EUI	R6.X up to 3.13.X
SN4971/4E120VR/EUI	R6.X up to 3.13.X
SN4971/4E15VR/EUI	R6.X up to 3.13.X
SN4971/4E24VR/EUI	R6.X up to 3.13.X
SN4971/4E30V120R/EUI	R6.X up to 3.13.X
SN4971/4E30VR/EUI	R6.X up to 3.13.X
SN4971/4E48VR/EUI	R6.X up to 3.13.X
SN4971/4E60VR/EUI	R6.X up to 3.13.X
SN4971/4E96VR/EUI	R6.X up to 3.13.X

Replacement SKUs

SN4970A	Software support Trinity only
SN4171 /1E15V30HP/EUI	3.9.9 and newer
SN4171 /1E30VHP/EUI	3.9.9 and newer
SN4970A/4E120VRHP/EUI	3.13.0 and newer
SN4970A/4E30V60RHP/EUI	3.13.0 and newer
SN4970A/4E30V120RHP/EUI	3.13.0 and newer
SN4970A/4E30V60RHP/EUI	3.13.0 and newer
SN4970A/4E60VRHP/EUI	3.13.0 and newer
SN4970A/4E120VRHP/EUI	3.13.0 and newer
SN4171 /1E15V30HP/EUI	3.9.9 and newer
SN4171 /1E30VHP/EUI	3.13.0 and newer
SN4970A/4E120VRHP/EUI	3.13.0 and newer
SN4970A/4E30V60RHP/EUI	3.13.0 and newer
SN4970A/4E30V120RHP/EUI	3.13.0 and newer
SN4970A/4E30V60RHP/EUI	3.13.0 and newer
SN4970A/4E60VRHP/EUI	3.13.0 and newer
SN4970A/4E120VRHP/EUI	3.13.0 and newer

SN4980/81	Software support Smartware Trinity
SN4980/1E15V/EUI	R6.X up to 3.13.X
SN4980/1E24V/EUI	R6.X up to 3.13.X
SN4980/1E30V/EUI	R6.X up to 3.13.X
SN4980/4E120VR/EUI	R6.X up to 3.13.X
SN4980/4E15VR/EUI	R6.X up to 3.13.X
SN4980/4E24VR/EUI	R6.X up to 3.13.X
SN4980/4E30V120R/EUI	R6.X up to 3.13.X
SN4980/4E30V120R/UI	R6.X up to 3.13.X
SN4980/4E30VR/EUI	R6.X up to 3.13.X
SN4980/4E48VR/EUI	R6.X up to 3.13.X
SN4980/4E60VR/EUI	R6.X up to 3.13.X
SN4980/4E96VR/EUI	R6.X up to 3.13.X

SN4980A	Software support Trinity only
SN4980A/1E15V30HP/EUI	3.13.0 and newer
SN4980A/1E15V30HP/EUI	3.13.0 and newer
SN4980A/4E120VRHP/EUI	3.13.0 and newer
SN4980A/4E30V60RHP/EUI	3.13.0 and newer
SN4980A/4E30V120RHP/EUI	3.13.0 and newer
SN4980A/4E30V60RHP/EUI	3.13.0 and newer
SN4980A/4E60VRHP/EUI	3.13.0 and newer
SN4980A/4E120VRHP/EUI	3.13.0 and newer

SN4980/4E120VRHP/EUI	R6.X up to 3.13.X
SN4981/1E15V/EUI	R6.X up to 3.13.X
SN4981/1E24V/EUI	R6.X up to 3.13.X
SN4981/1E30V/EUI	R6.X up to 3.13.X
SN4981/4E120VR/EUI	R6.X up to 3.13.X
SN4981/4E15VR/EUI	R6.X up to 3.13.X
SN4981/4E24VR/EUI	R6.X up to 3.13.X
SN4981/4E30V120R/EUI	R6.X up to 3.13.X
SN4981/4E30V120R/UI	R6.X up to 3.13.X
SN4981/4E30VR/EUI	R6.X up to 3.13.X
SN4981/4E48VR/EUI	R6.X up to 3.13.X
SN4981/4E60VR/EUI	R6.X up to 3.13.X
SN4981/4E96VR/EUI	R6.X up to 3.13.X

SN4980A/1E15V30HP/EUI	3.13.0 and newer
SN4980A/4E120VRHP/EUI	3.13.0 and newer
SN4980A/4E30V60RHP/EUI	3.13.0 and newer
SN4980A/4E30V120RHP/EUI	3.13.0 and newer
SN4980A/4E30V60RHP/EUI	3.13.0 and newer
SN4980A/4E60VRHP/EUI	3.13.0 and newer
SN4980A/4E120VRHP/EUI	3.13.0 and newer

SN4990	Software support Smartware Trinity
SN4991/1E15V2G/EUI	R6.X up to 3.13.X
SN4991/1E15V4G/EUI	R6.X up to 3.13.X
SN4991/1E15VA/EUI	R6.X up to 3.13.X
SN4991/1E15VD/EUI	R6.X up to 3.13.X
SN4991/1E15VF/EUI	R6.X up to 3.13.X
SN4991/1E24V2G/EUI	R6.X up to 3.13.X
SN4991/1E24V4G/EUI	R6.X up to 3.13.X
SN4991/1E24VD/EUI	R6.X up to 3.13.X
SN4991/1E24VF/EUI	R6.X up to 3.13.X
SN4991/1E24VI/EUI	R6.X up to 3.13.X
SN4991/1E30V2G/EUI	R6.X up to 3.13.X
SN4991/1E30V4G/EUI	R6.X up to 3.13.X
SN4991/1E30VA/EUI	R6.X up to 3.13.X
SN4991/1E30VAVA/EUI	R6.X up to 3.13.X
SN4991/1E30VD/EUI	R6.X up to 3.13.X
SN4991/1E30VF/EUI	R6.X up to 3.13.X
SN4991/1E30VHPAVA/EUI	R6.X up to 3.13.X
SN4991/1E30VHPAVB/EUI	R6.X up to 3.13.X
SN4991/1E30VI/EUI	R6.X up to 3.13.X
SN4991/4E120VR2G/EUI	R6.X up to 3.13.X
SN4991/4E120VR4G/EUI	R6.X up to 3.13.X
SN4991/4E120VRD/EUI	R6.X up to 3.13.X
SN4991/4E120VRF/EUI	R6.X up to 3.13.X

SN4990A	Software support Trinity only
SN4990A/1E15V30HP2G/EUI	3.13.0 and newer
SN4990A/1E30VHPAVA/EUI SN4990A/1E30VHPAVB/EUI	3.13.0 and newer
EOL	-
SN4990A/1E30VHPF/EUI	3.13.0 and newer
SN4990A/1E30VHP2G/EUI	3.13.0 and newer
EOL	-
EOL	-
SN4990A/1E30VHPF/EUI	3.13.0 and newer
SN4990A/1E30VHPI/EUI	3.13.0 and newer
SN4990A/1E30VHP2G/EUI	3.13.0 and newer
EOL	-
SN4990A/1E30VHPAVA/EUI SN4990A/1E30VHPAVB/EUI	3.13.0 and newer
SN4990A/1E30VHPAVA/EUI	3.13.0 and newer
EOL	-
SN4990A/1E30VHPF/EUI	3.13.0 and newer
SN4990A/1E30VHPAVA/EUI	3.13.0 and newer
SN4990A/1E30VHPAVB/EUI	3.13.0 and newer
SN4990A/1E30VHPI/EUI	3.13.0 and newer
SN4990A/4E30V120RHP4G/EUI	3.13.0 and newer
SN4990A/4E30V120RHP4G/EUI	3.13.0 and newer
EOL	-
SN4990A/4E120VRHPF/EUI	3.13.0 and newer

SN4991/4E15VR2G/EUI	R6.X up to 3.13.X
SN4991/4E15VR4G/EUI	R6.X up to 3.13.X
SN4991/4E15VRA/EUI	R6.X up to 3.13.X
SN4991/4E15VRD/EUI	R6.X up to 3.13.X
SN4991/4E15VRF/EUI	R6.X up to 3.13.X
SN4991/4E24VR2G/EUI	R6.X up to 3.13.X
SN4991/4E24VR4G/EUI	R6.X up to 3.13.X
SN4991/4E24VRD/EUI	R6.X up to 3.13.X
SN4991/4E24VRF/EUI	R6.X up to 3.13.X
SN4991/4E30V120R2G/EUI	R6.X up to 3.13.X
SN4991/4E30V120R4G/EUI	R6.X up to 3.13.X
SN4991/4E30V120RD/EUI	R6.X up to 3.13.X
SN4991/4E30V120RF/EUI	R6.X up to 3.13.X
SN4991/4E30VR2G/EUI	R6.X up to 3.13.X
SN4991/4E30VR4G/EUI	R6.X up to 3.13.X
SN4991/4E30VRA/EUI	R6.X up to 3.13.X
SN4991/4E30VRD/EUI	R6.X up to 3.13.X
SN4991/4E30VRF/EUI	R6.X up to 3.13.X
SN4991/4E48VR2G/EUI	R6.X up to 3.13.X
SN4991/4E48VR4G/EUI	R6.X up to 3.13.X
SN4991/4E48VRD/EUI	R6.X up to 3.13.X
SN4991/4E48VRF/EUI	R6.X up to 3.13.X
SN4991/4E48VRI/EUI	R6.X up to 3.13.X
SN4991/4E60VR2G/EUI	R6.X up to 3.13.X
SN4991/4E60VR4G/EUI	R6.X up to 3.13.X
SN4991/4E60VRAVA/EUI	R6.X up to 3.13.X
SN4991/4E60VRD/EUI	R6.X up to 3.13.X
SN4991/4E60VRF/EUI	R6.X up to 3.13.X
SN4991/4E96VR2G/EUI	R6.X up to 3.13.X
SN4991/4E96VR4G/EUI	R6.X up to 3.13.X
SN4991/4E96VRD/EUI	R6.X up to 3.13.X
SN4991/4E96VRF/EUI	R6.X up to 3.13.X

SN4990A/4E30V60RHP2G/EUI	3.13.0 and newer
SN4990A/4E30V60RHP4G/EUI	3.13.0 and newer
SN4990A/4E30V60RHPAVA/EUI SN4990A/4E30V60RHPAVB/EUI	3.13.0 and newer
EOL	-
SN4990A/4E30V60RHPF/EUI	3.13.0 and newer
SN4990A/4E30V60RHP2G/EUI	3.13.0 and newer
SN4990A/4E30V60RHP4G/EUI	3.13.0 and newer
EOL	-
SN4990A/4E30V60RHPF/EUI	3.13.0 and newer
SN4990A/4E30V120RHP2G/EUI	3.13.0 and newer
SN4990A/4E30V120RHP4G/EUI	3.13.0 and newer
EOL	-
SN4990A/4E120VRHPF/EUI	3.13.0 and newer
SN4990A/4E30V60RHP2G/EUI	3.13.0 and newer
SN4990A/4E30V60RHP4G/EUI	3.13.0 and newer
SN4990A/4E30V60RHPAVA/EUI SN4990A/4E30V60RHPAVB/EUI	3.13.0 and newer
EOL	-
SN4990A/4E30V60RHPF/EUI	3.13.0 and newer
SN4990A/4E60VRHP2G/EUI	3.13.0 and newer
SN4990A/4E60VRHP4G/EUI	3.13.0 and newer
EOL	-
SN4990A/4E30V60RHPF/EUI	3.13.0 and newer
SN4990A/1E30VHPI/EUI	3.13.0 and newer
SN4990A/4E60VRHP2G/EUI	3.13.0 and newer
SN4990A/4E60VRHP4G/EUI	3.13.0 and newer
SN4990A/4E60VRHPAVA/EUI SN4990A/4E60VRHPAVB/EUI	3.13.0 and newer
EOL	-
SN4990A/4E30V60RHPF/EUI	3.13.0 and newer
SN4990A/4E30V120RHP2G/EUI	3.13.0 and newer
SN4990A/4E30V120RHP4G/EUI	3.13.0 and newer
EOL	-
SN4990A/4E30V60RHPF/EUI	3.13.0 and newer

Technical Specifications overview

The main technical difference between the current SN4970/71, SN4980/81, SN4991 models and the new ones SN4970A, SN4980A and SN4990A is that for the new SKUs only Trinity Operating System is supported.

The difference between Smartware and Trinity operating system is that Trinity is newer, contains new features and is more future proof by seeing more features to come.

Feature overview: https://www.patton.com/products/smartnode_software.asp

NOTE: On Trinity software 3.13 for SN4970/71, SN4980/81, SN4991 the following features were dropped due to memory constraints.

- VPN
 - o IPSec
 - o OpenVPN
 - o L2TP
- PacketSmart

New Configuration Parameters

Where the configuration of the SmartNode device is concerned, Smartware and Trinity use the same configuration concept and architecture on CLI, but slightly different commands are being used.

In order to get yourself ready for Trinity, we encourage you to sign up to Patton Academy, to learn how easy to configure and how powerful Trinity is. <https://www.patton.com/academy/>

Definitions

Orange (Sunset)

- Formal communication of Patton Electronics' intent to end the life of the product(s) noted.
- Final alert of impending availability issues due to the product is replaced by an updated form, fit, and function equivalent.
- Product(s) should not be considered for new installations or designs.
- Orders that are accepted will be under "Last-time-buy" terms and conditions. Minimum
- Order Quantity (MoQ), extended lead times and price increases are also to be expected.

Red (End of Life)

- Formal communication of Patton Electronics', the product(s) is now End of Life.
- *Product warranty* will be valid for any units purchased for up to 1 year past the purchase date.
- *Product repairs* may be performed in accordance with customer specific service plans and upgrade agreements as negotiated prior to EOL or for up to 1 year past the purchase date.
- *Product technical support* continues to be supported within the standard SmartWare and Trinity release cycles. Refer to the corresponding release notes for details on supported models. <https://www.patton.com/support/upgrades/>

Smartware Software release strategy white paper:

<https://www.patton.com/support/upgrades/files/models/Documentation/SmartWareReleaseConceptWhitepaper.pdf>

Contacts

In case of any questions or for additional information do not hesitate to contact us. For a full listing of global contact numbers and details refer to:

http://www.patton.com/company/contact_us.asp

Sales: sales@patton.com

Support: support@patton.com

Product Management:

Name: Marc Aeberhard

Email: marc.aeberhard@patton-inalp.com