

SmartNode<sup>™</sup> 4120  
**Single/Dual-Port ISDN BRI  
VoIP Gateway**

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*Quick Start Guide*



**Important**—This is a Class B device and is intended for use in a light industrial or residential environment. It is not intended nor approved for use in an industrial environment.



WARNING

- Do not open the device when the power cord is connected. For systems without a power switch and without an external power adapter, line voltages are present within the device when the power cord is connected.
- For devices with an external power adapter, the power adapter shall be a listed *Limited Power Source*. The mains outlet that is utilized to power the device shall be within 10 feet (3 meters) of the device, shall be easily accessible, and protected by a circuit breaker in compliance with local regulatory requirements.
- For AC powered devices, ensure that the power cable used meets all applicable standards for the country in which it is to be installed.
- For AC powered devices which have 3 conductor power plugs (L1, L2 & GND or Hot, Neutral & Safety/Protective Ground), the wall outlet (or socket) must have an earth ground.
- For DC powered devices, ensure that the interconnecting cables are rated for proper voltage, current, anticipated temperature, flammability, and mechanical serviceability.
- WAN, LAN & PSTN ports (connections) may have hazardous voltages present regardless of whether the device is powered ON or OFF. PSTN relates to interfaces such as telephone lines, FXS, FXO, DSL, xDSL, T1, E1, ISDN, Voice, etc. These are known as "hazardous network voltages" and to avoid electric shock use caution when working near these ports. When disconnecting cables for these ports, detach the far end connection first.
- Do not work on the device or connect or disconnect cables during periods of lightning activity.

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## 1.0 Power up the SmartNode

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1. Connect the SmartNode to a power source using the included power supply and cable.
2. When the *Power* LED stops blinking and remains lit, the SmartNode is ready to configure.

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## 2.0 Configuring your SmartNode

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Refer to the *SmartNode Model 4120 User Manual* available online at [www.patton.com/manuals/SN4120.pdf](http://www.patton.com/manuals/SN4120.pdf) for detailed information about:

- Installing, configuring, operating, and troubleshooting the SmartNode
- Warranty, trademark & compliance

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## A.0 Customer and Technical Support

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Toll-Free VoIP support: call [sip:support@patton.com](mailto:sip:support@patton.com) with a VoIP SIP client

Online support: [www.patton.com](http://www.patton.com)

E-mail support: [support@patton.com](mailto:support@patton.com)— answered within 1 business day

Telephone support:

- Standard: +1 (301) 975-1007 (USA), Monday–Friday: 8:00 am to 5:00 pm EST (1300 to 2200 UTC/GMT)
- Alternate: +41 (0)31 985 25 55 (Switzerland), Monday–Friday: 9:00 am to 5:30 pm CET (08:00 to 16:30 UTC/GMT)

Fax: +1 (253) 663-5693 (USA) or +41 (0)31 985 25 26 (Switzerland)

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## B.0 Appendix—Factory default settings

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Username: *administrator*

Password: *(blank)*

IP Address: *DHCP*

Network Mask: *n/a*

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## C.0 Compliance Information

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### C.1 Compliance

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EMC Compliance:

- EN55022, Class B
- EN55024

Safety Compliance:

- IEC 60950-1
- EN60950-1

PSTN Compliance:

- AS/ACIF 5003:2008

### C.2 CE Declaration of Conformity

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**Product:** SN4120

We certify that the apparatus described above conforms to the requirements of the following directives:

**2004/108/EC** on the approximation of the laws of the member states relating to electromagnetic compatibility.

**2006/95/EC** on the approximation of the laws of the member states relating to electrical equipment designed for use within certain voltage limits.



The safety advice in the documentation accompanying this product shall be obeyed. The conformity to the above directives are indicated by the CE sign on the device.

### **C.3 EG-Konformitätserklärung**

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**Produktbezeichnung:** SN4120

Die bezeichneten Produkte stimmen in der von uns in Verkehr gebrachten Ausführung mit den Vorschriften folgender Richtlinie überein:

**2004/108/EG**

Richtlinie des europäischen Parlaments und des Rates vom 15. Dezember 2004 zur Angleichung der Rechtsvorschriften der Mitgliedstaaten über die elektromagnetische Verträglichkeit und zur Aufhebung der Richtlinie 89/336/EWG.

**2006/95/EG**

Richtlinie des europäischen Parlaments und des Rates vom 12. Dezember 2006 zur Angleichung der Rechtsvorschriften der Mitgliedstaaten betreffend elektrische Betriebsmittel zur Verwendung innerhalb bestimmter Spannungsgrenzen.



Die Sicherheitshinweise in der mitgelieferten Produktdokumentation sind zu beachten.  
Die Konformität mit der oben erwähnten Richtlinie wird durch das CE-Zeichen auf dem Gerät bestätigt.

Die unterzeichnete Konformitätserklärung kann heruntergeladen werden von: [www.patton.com/certifications/](http://www.patton.com/certifications/).

### **C.4 Authorized European Representative**

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D R M Green, European Compliance Services Limited.

Oakdene House, Oak Road , Watchfield, Swindon, Wilts SN6 8TD, UK

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## Trademarks statement

The term *SmartNode* is a trademark of Patton Electronics Company. All other trademarks presented in this document are the property of their respective owners.

## Warranty

For warranty information, refer to the *SmartNode Model 4120 User Manual* available online at [www.patton.com/manuals/SN4120.pdf](http://www.patton.com/manuals/SN4120.pdf).



In accordance with the requirements of council directive 2002/96/EC on Waste of Electrical and Electronic Equipment (WEEE), ensure that at end-of-life you separate this product from other waste and scrap and deliver to the WEEE collection system in your country for recycling.



