

# Safety and Compliance Guide

<b>Series</b>	NH-4000 Series Scale-Out Switches
<b>Regulatory Model Number</b>	NH25-40
<b>SKUs</b>	NH-4010-F NH-4010-CHS
<b>Manufacturer</b>	Nexthop Systems Inc.
<b>Website</b>	<a href="https://nexthop.ai/platforms">https://nexthop.ai/platforms</a>
<b>Document Number</b>	S001-2511-2602

## Safety instructions



**WARNING:** Read and understand all safety warnings and instructions. Failure to follow these instructions may result in serious injury or death, and/or damage to the equipment.

- **Qualified personnel:** Installation, removal, and service of this equipment must be performed only by qualified and authorized personnel.
- **Location:** Equipment is intended for installation in a Restricted Access Area.

Les matériels sont destinés à être installés dans des EMBLEMES À ACCÈS RESTREINT.

- **Rack mount:** Use the following guidelines when planning to install the equipment in a rack.
  - **Elevated operating ambient temperature** - If you install the equipment in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than the room ambient temperature. As a result, consider installing the equipment in an environment compatible with the maximum ambient temperature (T<sub>ma</sub>) specified by the manufacturer.
  - **Reduced air flow** - Install the equipment in a rack so that the amount of air flow required for safe operation of the equipment is not compromised.
  - **Mechanical loading** - Mount the equipment in the rack in such a way to prevent any hazardous condition that might be caused by uneven mechanical loading.

- **Circuit overloading** - Consider how you connect the equipment to the supply circuit, and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when you address this concern.
- **Reliable earthing** - Maintain reliable earthing of rack-mounted equipment. Particular attention should be given to supply connections other than direct connections to the branch circuit (for example, the use of power strips).
- **Rack stability:** Ensure the rack is stable and secured before you install the equipment. Do not overload the rack.
- **Weight:** The equipment is heavy. Use proper lifting techniques or a mechanical lift to avoid injury. We recommend that you have at least two people to lift and install the equipment.
- **Compliance:** Install this equipment in compliance with local and national electrical codes.
- **ESD protection:** When you install and operate this equipment, we recommend that you wear an Electrostatic Discharge (ESD) wrist strap connected to a bare metal surface on the rack or the chassis when handling the equipment or its components.
- **Disconnect the power:** Before performing any maintenance or installation procedures that require access to internal components or handling of power supplies, always disconnect all power cords from this equipment.
- **Airflow:** Do not block the ventilation openings. Ensure proper front-to-back airflow for optimal cooling.

- **Temperature:** Do not operate this equipment in an area with an ambient temperature exceeding the maximum value listed in the product datasheet.
- **Laser optics:** This product is intended for use only with Class 1 and 1M laser optics modules.
- **Disposal:** If you need to dispose of this equipment, do so in accordance with all national laws and regulations.

**CAUTION – Shock hazard.** Disconnect all power sources.

ATTENTION - Danger de choc. Déconnecter toutes les sources d'énergie.



## Compliance

This section lists compliance information for specific countries.

### UNITED STATES

#### **Supplier's Declaration of Conformity 47 CFR § 2.1077 Compliance Information**

Nexthop Systems Inc.

Regulatory Model Number: NH25-40

SKU Numbers: NH-4010-F, NH-4010-CHS

Responsible Party: Nexthop Systems Inc.  
3600 Peterson Way  
Santa Clara, CA 95054

Email: [info@nexthop.ai](mailto:info@nexthop.ai)

Website: <https://nexthop.ai>

This equipment complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received; including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at their own expense.

California Perchlorate Contamination Prevention Act, Title 22, California Code of Regulations, Chapter 33.

The CR2032 coin cell battery inside the equipment may contain perchlorate, a known hazardous substance, so special handling and disposal may apply. For more information about perchlorate and best management practices for perchlorate-containing substances, see the [Perchlorate information page](#) on the Department of Toxic Substances Control (DTSC) website.

## AUSTRALIA

**WARNING:** This is **Class A** equipment. In a domestic environment, this equipment may cause radio interference, in which case the user may be required to take adequate measures.

## CANADA

### CAN ICES-3 (A) / NMB-3 (A)

This device complies with the Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Privacy of communications may not be ensured when using this device.

This product meets the applicable Innovation, Science, and Economic Development Canada technical specifications.

### Avis de Conformité Canadien

Cet appareil est conforme aux normes RSS exemptes de licence RSS d'Industrie Canada. Le fonctionnement de cet appareil est soumis à deux conditions : (1) ce périphérique ne doit pas causer d'interférence et (2) ce périphérique doit supporter les interférences, y compris celles susceptibles d'entraîner un fonctionnement non souhaitable de l'appareil. La protection des communications ne peut pas être assurée lors de l'utilisation de ce téléphone.

Le présent produit est conforme aux spécifications techniques applicables d'Innovation, Sciences et Développement économique Canada.

## EUROPEAN UNION

Refer to the EU Declaration of Conformity.

EU Authorized Representative:

Flexrep EU OÜ

Attn: E-Residency Hub

Ahtri tn 12

10151 Tallinn, Estonia

Email: [enquiries@flexrep.eu](mailto:enquiries@flexrep.eu)

## JAPAN

この装置は、クラスA機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI - A

## NEW ZEALAND

**WARNING:** This is **Class A** equipment. In a domestic environment, this equipment may cause radio interference, in which case the user may be required to take adequate measures.

## NORDIC COUNTRIES

**Finland:** Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan.

**Norway:** Apparatet må tilkoples jordet stikkontakt.

**Sweden:** Apparaten skall anslutas till jordat uttag.

## SOUTH KOREA

기기의 명칭 : **Ethernet Switch**

모델명 : **NH25-40**

인증번호 : **R-R-nAI-NH25-40**

제조사/제조국가 : **Nexthop Systems Inc. / USA / Malaysia**

이 기기는 업무용 (**A** 급) 전자파적합기기로서  
판매자 또는 사용자는 이 점을 주의하시기  
바라며, 가정외의 지역에서 사용하는 것을  
목적으로 합니다.

## TAIWAN

為避免電磁干擾，本產品不應安裝或使用於住宅環境

## UNITED KINGDOM

Refer to the EU Declaration of Conformity.

UK Authorized Representative:

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