

NetSkateKoban®

Lineup

NetSkateKoban® Manager

The basic NetSkateKoban package. Monitors, detects and records device connections; performs real-time management and control based on user-specified policies. There are hardware products and appliance products available.

NetSkateKoban® Console

A front-end for accessing the "NetSkateKoban Manager." It provides a GUI for remotely operating the NetSkateKoban Manager.

NetSkateKoban® Sensor AX

An appliance product that monitors broadcast packets in the network and works in conjunction with the "NetSkateKoban Manager" to monitor and control device connections. Equipped with an autonomous mode, it continues monitoring/control even if communication with the manager is disrupted.

NetSkateKoban® Multi-VLAN Sensor AX/EX

The NetSkateKoban sensor supports IEEE802.1Q tag VLANs. A single sensor can monitor multiple VLAN segments; AX model supports up to 16 VLANs and EX model supports up to 200 VLANs. The multi-VLAN sensor AX also supports autonomous mode.

NetSkateKoban® SwiMon

Generates connection information from standard MIB information collected from Ethernet switches and/or routers on the network. Monitors and controls device connections without deploying sensors.

NetSkateKoban® RtrMon Sensor EX

Collects terminal connection information from routers on the network. Monitors and controls remote terminal connections without installing sensors.

NetSkateKoban® Nano

Compact and serverless Appliance. Easy installation and operation. Just connect to a LAN port and access from a web-browser. Detects and blocks unauthorized access in a single network segment.

NetSkateKoban® Nano (V)

Compact and serverless Appliance. Easy installation and operation. Just connect to a LAN port and access from a web browser. Detects and blocks unauthorized access across.

NetSkateKoban® Nano Manager

Centralized management of multiple Nano units. Generates and displays network maps.

Optional modules

NetSkateKoban® NMS(Network Management System)Module

Enables network and device monitoring. Uptime, traffic, threshold checks; graph display, data download, various reports. Also supports operational monitoring and facility management using physical layout diagrams.
The Network map generation and monitoring target display functions, will automatically generate network maps showing the interconnection of L2/L3 switches and other network devices.

NetSkateKoban® NetSkateKoban DB Synchronizer

Synchronizes with asset management systems by importing data in CSV-formatted files. Both manual execution as well as routine automatic execution at pre-scheduled times are supported.

NetSkateKoban® Web Console

The basic functions of NetSkateKoban can be accessed via a web browser.

NetSkateKoban® DHCP Server Linkage Module

Links with Infoblox's DHCP server to manage dynamic and static IP address assignments. By registering devices with NetSkateKoban, both unauthorized connections and unauthorized IP address usage can be prevented.

NetSkateKoban® Web Application for Authorizing User Device Network Access

Enables users to submit network access requests, which administrators can approve. To enhance operational efficiency, unregistered devices are automatically redirected to the application site using the sensor's communication redirection feature.

- ※ 1 Displays estimated results based on information observed by Nano and sensors. Accurate identification of all manufacturers and operating systems is not guaranteed.
- ※ 2 Only email enquiries are entertained.
- ※ 3 Supports email, Syslog, SNMP Trap, and external command execution.
- ※ 4 Please contact us for latest list of supported models.
- ※ 5 Supports Koban sensor, SwiMon, and RtrMon in that order.
- ※ 6 A web console is required.

Supported OS, etc.	Enterprise: Windows11, Windows Server2019/2022,Linux,PostgreSQL,Microsoft SQL Server Nano Manager: Windows11,Windows Server 2019/2022
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*This system is based on the results of the 2002 "Priority Area Information Technology Development Project" of the Information-Technology Promotion Agency (IPA, now reorganized as the Independent Administrative Institution for Information-Technology Promotion) titled "Development of a System for Detecting Unauthorized Communications by Network Users Using MAC."
*This system utilizes the results of the Sendai Regional Knowledge Cluster Creation Project conducted by the Ministry of Education, Culture, Sports, Science and Technology.*Screen displays may be changed without notice.*All brand names or product names are trademarks or registered trademarks of their respective owners. *NetSkateKoban Nano was developed as a result of the "Miyagi-Sendai Prosperity Challenge Support Fund Project" (August 2012–July 2013, November 2013–November 2014) by the Miyagi Industrial Promotion Organization and the Sendai City Industrial Promotion Corporation.

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NetSkateKoban®

Main Features

☐ Detection of unauthorized access , usage logs, and actions				
Feature	Enterprise			Nano
	Koban Sensor	Swimon	Rtrmon	
Detection of unauthorized devices	✓	✓	✓	✓
Detection of duplicate IP addresses	✓	—	✓	—
Detection of IP address changes	✓	✓	✓	—
Recording of device connection history (including unauthorized devices)	✓	✓	✓	—
Detection of unregistered DHCP servers	✓	—	—	—
Detection of discrepancies between assigned IP addresses and device usage	✓	—	—	—
Vlan Monitoring support	✓	—	—	✓※12
OS identification	✓※1	—	—	✓※1
Warnings display in real-time	✓※11	✓※11	✓	✓
Warnings notification to remote systems	✓※3※11	✓※3※11	✓※3※11	✓※2
Control of device's communication	Communication blocking	—	✓※4	✓
	Switch port shutdown	—	✓※4	—
	Communication redirection	✓	—	—

☐ Display and Operation				
Feature	Enterprise※5			Nano
Intuitive network map-based visualization	✓	✓	✓	✓※13
Retrieve past usage data and determine the corresponding user(s)	✓	✓	✓	—
Operations via web browser	✓※6	✓※6	✓※6	✓

☐ Reports				
Feature	Enterprise※5			Nano
A concise one-page report that consolidates key information	✓	✓	✓	—
Detail reports	✓	✓	✓	✓

☐ User and device management				
Feature	Enterprise※5			Nano
User and Device registration from the Network Map Interface	✓	✓	✓	—
Batch registration and deletion using CSV files	✓	✓	✓	✓

☐ Network management (NMS module)				
Feature	Enterprise※5			Nano
Automatic generation of network maps showing switch port level interconnection of devices	✓	✓	✓	—
Active monitoring of network devices, servers, etc	✓※7	✓※7	✓※7	—
Graphical display of monitored data	✓※8	✓※8	✓※8	—
Advanced threshold monitoring settings	✓※8	✓※8	✓※8	—
Detailed traffic usage display for each device	✓※9	✓※9	✓※9	—
Network traffic reports	✓	✓	✓	—

☐ Linkage with intelligent Ethernet switches				
Feature	Enterprise※5※10			Nano
Search for the switch port on which a device is connected	✓	✓	✓	—
Switch port list and connected device display	✓	✓	✓	—
Real-time display of traffic by switch port	✓	✓	✓	—

☐ Linkage with other systems				
Feature	Enterprise Manager			Nano
Prevention of damage propagation in the Intranet by linking with UTM, etc.	✓	✓	✓	✓

※ 7 PING, SNMP, HTTP/HTTPS.

※ 8 SNMP Agent is required on the managed device.

※ 9 CpMonitor (our product) is required.

※10 Intelligent switches must be registered with the NetSkateKoban Manager.

※11 Notification display is executed on Koban Manager and Koban Console.

※12 Supported by Nano (V).

※13 Nano Manager is required.

Sales Agent

Network Monitoring and Intranet Security System

Network Monitoring and Intranet Security System

ネットワークが見えてくる

See the Network, Use NetSkate.
Network Management & Security

2025.6



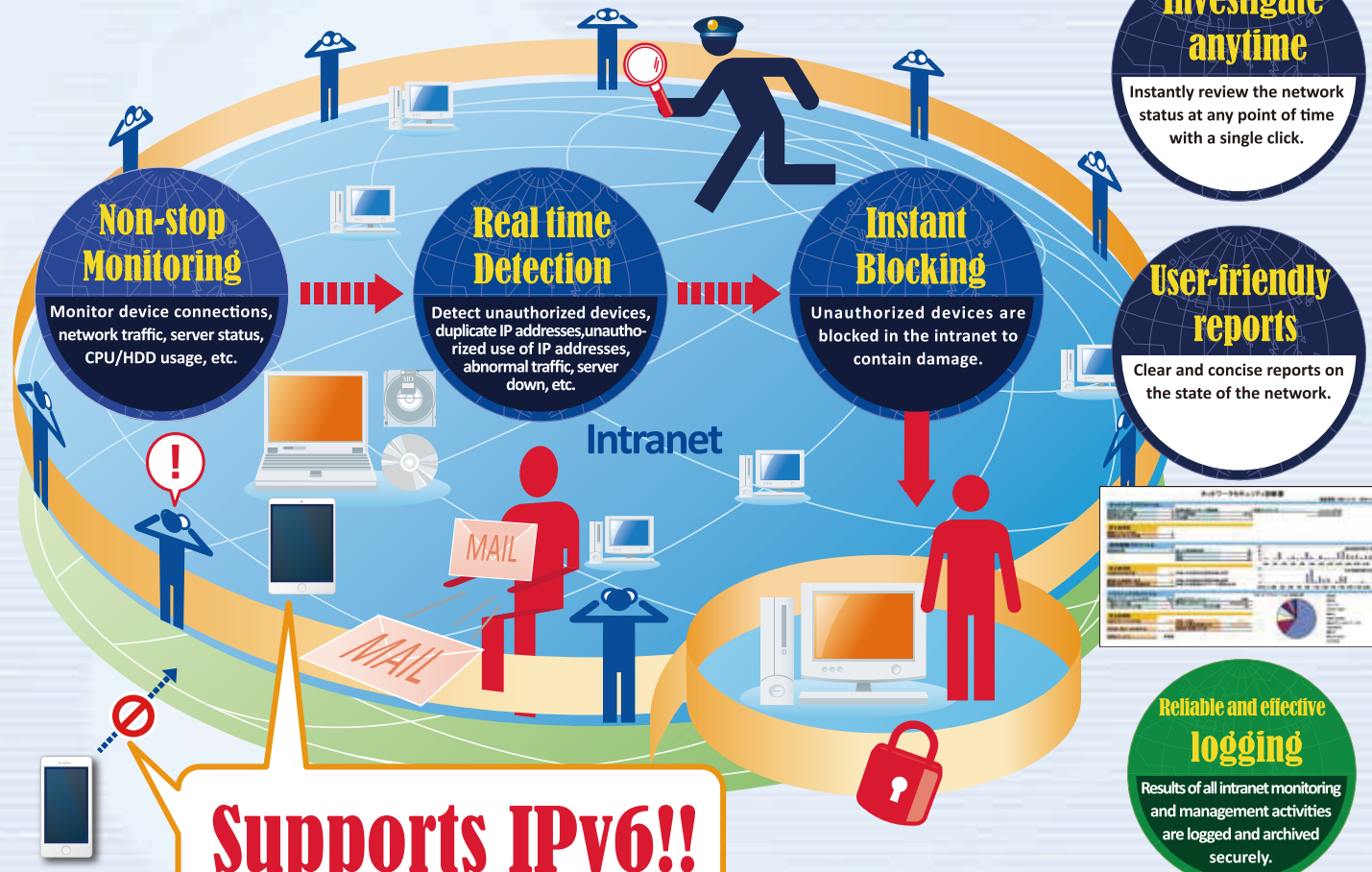
Monitoring the network 24/7. No unauthorized connection or behavior escapes our watch.

Monitor "who is in, talking to whom and when", **detect** and **block** unauthorized connections. **Investigate** past connections and activities. That is the **NetSkateKoban** intranet security system.

Check using multiple sources of information

Information collected by NetSkateKoban is analyzed and corresponding action such as email notification, connection blocking, and execution of external command is carried out according to a user-specified Policy. By linking with anti-virus systems, UTMs etc. infected devices can be automatically blocked from the network; that is an additional layer of defense in the network.

Simple one-touch investigation of unauthorized accesses



Will not be overlooked

Achieve rapid incident response



NetSkateKoban Enterprise solutions for broad coverage and strict security requirements

NetSkateKoban® Key Features

Real-time detection and blocking of unauthorized devices

- Uses sensors for real-time detection and blocking
- Links with intelligent switches to detect connections and reliably block ports
- Links with routers to detect and block unauthorized devices in the intranet

Automatic Network Map Generation and Display

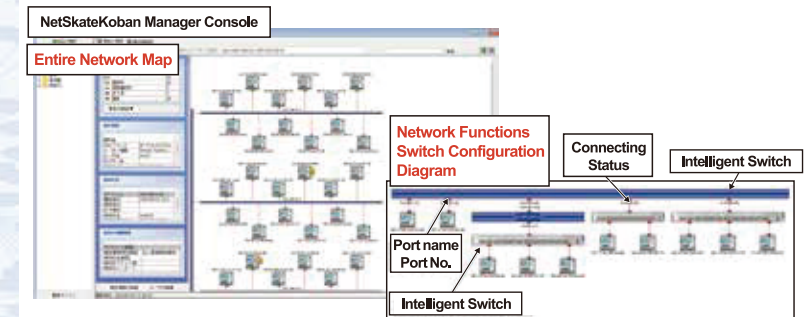
- Displays detected devices on a network map
- Automatically identifies the switch port to which a detected device is connected and visualizes it on the network map
- Device icons on the map provide an intuitive GUI for executing various operations
- Historical network maps can be retrieved and visualized from archived data

Comprehensive network management with just NetSkateKoban

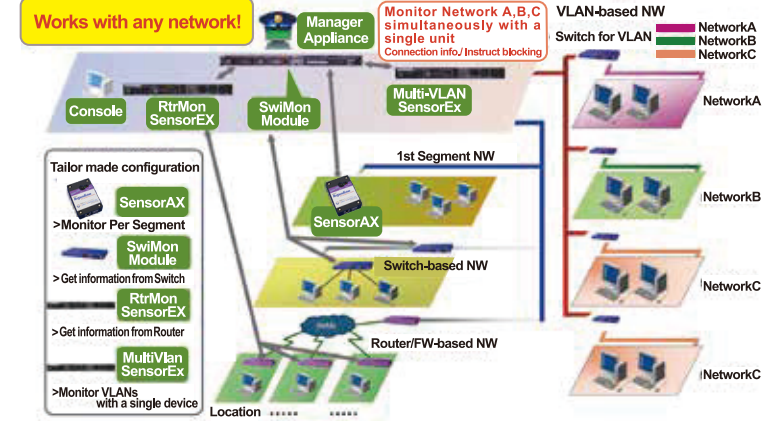
- With add-ons such as external linkage and NMS capabilities, one can build a complete intranet monitoring system covering device availability and network traffic

Supports large-scale networks

- Supports networks with over 100,000 devices
- By integrating with other security systems such as IPS/IDS/UTM, one can identify and block the source of unauthorized communications and contain damage
- For details on various cloud services and API integration, please contact us



A wide range of product configurations for flexible network adaption



NetSkateKoban Nano is an easy to deploy and simple security solution

Effectively blocks unauthorized wireless connections too

Easy installation - just connect to a LAN port

- No server, agents, or licenses needed — just a browser to get started
- Monitors and controls connections from wireless and wired devices
- Despite its small size, it offers advanced detection and blocking features
- It can send email notifications when unauthorized devices are detected
- Identifies the vendor and OS of detected devices
- Detected devices can be easily added to an Allowed Terminal List (ATL)
- Generate and view network maps effortlessly with Nano Manager
- Nano Manager is required
- Track intra-LAN communication to detect and contain malware infection

Pioneers in IPv6 connection monitoring and management

- Detects and blocks IPv6 connections from smartphones and tablets as well

Integrated console for managing multiple NetSkateKoban Nano devices

- Nano Manager is available free of charge

Linkage with other systems

- By integrating with other security systems such as IPS/IDS/UTM, one can identify and block the source of unauthorized communications and contain damage
- For details of Cloud support and for API integration with other systems, please contact us

