

Connect the Dots with Tosibox



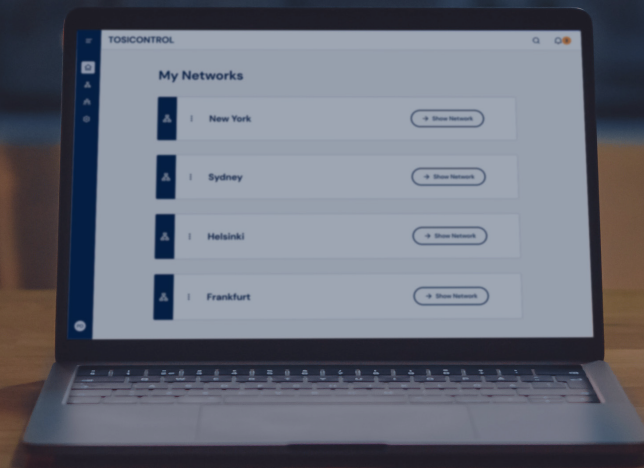
Do it Easily.
Build and manage secure OT
infrastructure in minutes



Do it Automatically.
Connect anything, anywhere -
all automated.



Do it Cybersecurely.
You own the data and it's
always encrypted.



TOSIBOX[®] HUB

Unlock the potential of your devices and service personnel with TOSIBOX[®] HUB —an operational network solution. Transform your Tosibox ecosystem into a managed OT network, establishing continuous VPN connections for remote maintenance, real-time data collection, and efficient data logging.

TosiControl support

Access controls created with the Access Groups can be monitored on TosiControl. HUB also sends a list of network elements and their status information for centralized device management.

Manage any service, run any protocol

HUB enables authentic Layer 2 communication. Use whatever protocol, Ethernet capable edge-device, data analytics software, or cloud hosting environment you choose.

Built-in and automated cybersecurity

HUB features an automated firewall at the edge. Network connections are secured via 256-bit AES encrypted point-to-point VPN tunnels, ensuring comprehensive and standards compliant encryption during transit.

Centralised access control lists

Simplified user management with intuitive and user-friendly Access Groups interface. Administrators can easily define access rights between connected devices and users.

Audit log data collection and monitoring

HUB maintains a detailed audit log capturing network and HUB configuration changes. The log is easily auditable using search and filter functions, providing comprehensive insights into network activities.

Connection monitoring and alerts

Stay informed with HUB's capability to send email alerts for established and closed connections. Alerts are fully configurable for any or all matched Nodes, offering flexibility without the need for additional services.

Virtual LANs (VLAN)

Configure HUB effortlessly to connect with existing VLANs through any of the physical or logical LAN ports, providing seamless integration with your network infrastructure.

Product codes

TBP S-XL

Overview

TOSIBOX® HUB is the key element constructing professional networks comprising of large number of TOSIBOX® Nodes and Keys. It acts as a VPN tunnel concentrator, maintaining persistent VPN connections to TOSIBOX® Nodes while offering centralized user and network management.

HUB operates as a software-only solution within a virtual server environment. It enables the integration of individual Tosibox Nodes, creating a robust and distributed network of interconnected devices. Deployable in office networks and cloud infrastructure, often located in data centers, HUB establishes a secure, centrally managed and connected Tosibox ecosystem.

Versatile Connectivity

HUB scales effortlessly from a few connections to hundreds or even thousands, with the maximum concurrent connections determined by license type and the performance of the hosting hardware or platform.

Ideal for scenarios with hundreds of users or remote locations, especially when central server software needs to communicate with the distributed locations. HUB seamlessly connects over a thousand serialized Nodes and Keys concurrently, facilitating efficient network management.

TOSIBOX® HUB—your gateway to building scalable, secure, and centrally managed VPN networks with unparalleled flexibility and performance.

Soon available on the Microsoft Azure Marketplace!

Microsoft Azure offers a comprehensive solution running Tosibox HUB in the cloud. Combining the power of Azure's infrastructure with our cutting-edge software elevates your business efficiency, security, and performance in the cloud – the choice for businesses seeking seamless integration on the Azure platform.

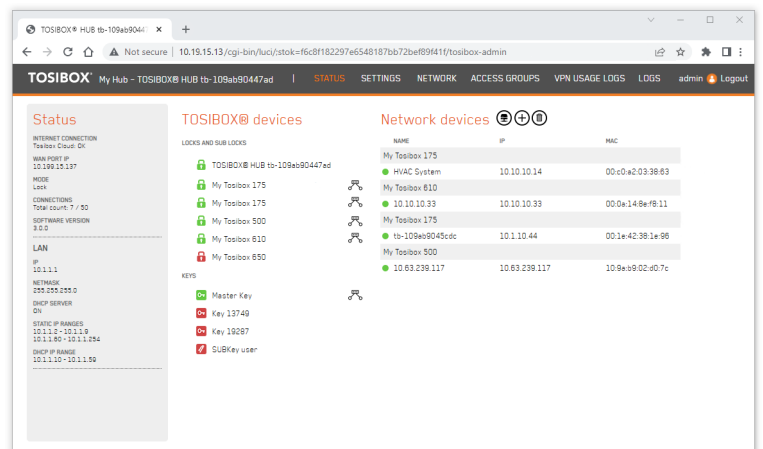
System requirements

Virtualisation platform based on one of the following:

- VMWare vSphere/ESXi v7.0 GA
- Microsoft Hyper-V on Windows Server 2019
- Linux KVM
- Microsoft Azure Cloud
- Amazon AWS Cloud

Minimum HW and computing requirements :

- x86-64 processor architecture, processor with two server CPU cores. Additional cores can be required based on the intended system load
- Minimum 2 GB RAM, recommended 8 GB RAM for large environments
- Minimum 16 GB of permanent storage, recommended 20GB for VMWare, Hyper-V and KVM environments
- Two or more network interfaces for the virtual machine
- Internet access preferably through public IP address
- Minimum 10/10 Mbit/s internet connection, recommended 100/100 Mbit/s or faster.



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