TOSIBOX®
Plug & Go™ Connectivity

THE REMOTE ACCESS

YOUR PRIVATE HIGHWAY THROUGH THE INTERNET OF THINGS

65°

25°

EN / V. 2.01.

TOSIBOX®

We believe that success in the era of the internet of things is simply a matter of connections. That's why our mission and passion is to create the world's best and most secure remote connections between devices. This is why we created TOSIBOX® – the world's first user-friendly remote access solution. A device that lets you secure your business.

TOSIBOX® is a masterpiece of Finnish engineering, a patented innovation, a solution that lets you forget about data security and connections. With it you will save time and money, and be able to concentrate on what's important – your business.

TOSIBOX® – the new standard of secure remote connections

EASY

TOSIBOX® patented Plug & Go™ technology is the world's first, patented hardware based remote access solution. TOSIBOX® creates a fully secure remote connection between devices. The infrastructure is set up within a few minutes, and does not require special IT skills. Also, management of devices and user groups is remarkably easy. Moreover, the connection is always formed in the same standardised manner. The construction of remote access infrastructure has never been so easy.

SCALABLE

TOSIBOX® is infinitely scalable. TOSIBOX® technology enables real-time data collection, and provides a cost-effective and easily expandable solution in which the infrastructure expands at the same pace as your business.

RELIABLE

TOSIBOX® works anywhere in the world with all types of devices regardless of the operators and type of internet connection. You can manage your devices anywhere and be sure that your connection is always reliable.

SECURE

TOSIBOX® is globally audited, patented and performs at the highest security levels in the industry. It's not a cloud service, but a direct VPN tunnel between the physical devices. Only trusted devices can access the network. The data between devices is not discharged at any time, but always runs along its own private highway. The data cannot be accessed with passwords alone, but a physical key is always required. All of the users and keys are managed from a single console. So you can be sure that your network and data will remain encrypted and secure.

TOSIBOX® advantages

 Build a secure network in under 5 minutes
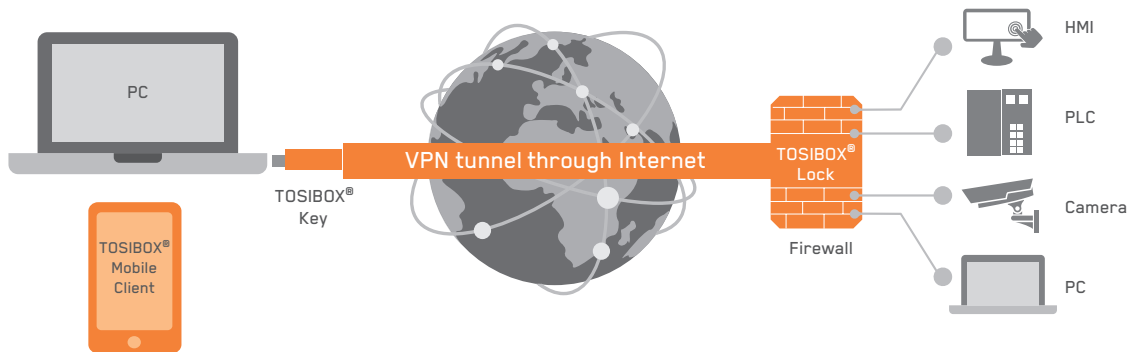
 Tested & audited security
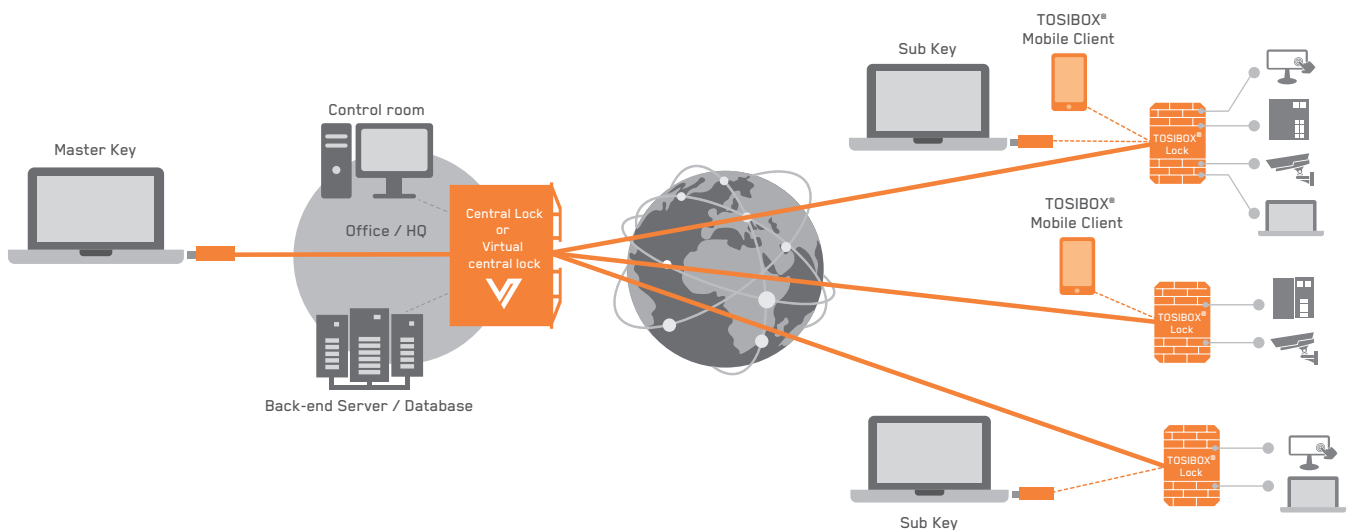
 Flexible and expandadle solution

 Works reliably with all internet connections

How it works

How it scales

TOSIBOX®

Lock 100, Lock 200, Central Lock, Virtual Central Lock

Functions	Lock 100	Lock 200	Central Lock	Virtual Central Lock*
TOSIBOX® Plug & Go™ Technology	Yes	Yes	Yes	Yes
Mounting options	DIN rail mounting at bottom	DIN rail mounting on three sides	19" rack mounting, rails included	No
Power input	12 – 24V DC, ±25%	8 – 27 V DC ±10%, with cable anchor	90 - 264 V AC	No
3G / 4G USB modem support	Yes	Yes	No	No
WAN port	10/100 Mbit/s	10/100 Mbit/s	1 Gbit/s	One required, dependent on virtual platform
LAN ports	3 x 10/100 Mbit/s, bridged	3 x 10/100 Mbit/s, bridged	4 x 1 Gbit/s, independent	One or more, dependent on virtual platform
VPN throughput	Up to 6 Mbit/s	Up to 15 Mbit/s	Up to 700 Mbit/s	Dependent on virtual platform
VPN encryption	Blowfish 128 bit CBC, AES 128/192/256 bit CBC	Blowfish 128 bit CBC, AES 128/192/256 bit CBC	Blowfish 128 bit CBC, AES 128/192/256 bit CBC	Blowfish 128 bit CBC, AES 128/192/256 bit CBC
VPN connection authentication	PKI, 3072 bit RSA	PKI, 3072 bit RSA	PKI, 3072 bit RSA	PKI, 3072 bit RSA
Concurrent VPN connections	Max 10	Max 50	Max 4000	Dependent on virtual platform and license
Supported platforms	No	No	No	VMWare ESXi, Microsoft Hyper-V or Linux KVM
TosiOnline™ – automatic connection recovery functionality	Yes	Yes	No	No
PoE functionality	No	PoE in and PoE out: 27 V / 580 mA max	No	No
CE approval	Yes	Yes	Yes	No
FCC approval	Yes	Yes	Yes	No
UL approval	No	Yes	Yes	No
WLAN	802.11b/g/n	No	No	No
Product code	TBL1	TBL2	TBCL1	TBVCL1

* please see all requirements on VCL datasheet

TOSIBOX®

Key 100, Key 200, Mobile Client

Functions	Key 100	Key 200
TOSIBOX® Plug & Go™ Technology	Yes	Yes
Cryptographic key size and type	2048 bit RSA, hardware-based	2048 bit RSA, hardware-based
Mobile Client for Android and iOS	Yes (1 license incl.)	Yes (1 license incl.)
Product code	TBK1	TBK2

All TOSIBOX® products are fully compatible with other TOSIBOX® products.

Download the TOSIBOX® Mobile Client app   GET IT ON Google Play   Download on the App Store

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sales@tosibox.com
support@tosibox.com
Sales within Finland, tel. 044 70 90 100
Sales, international tel. +358 44 70 90 200
www.tosibox.com