

No open ports,
A new dimension in remote security

KUROKO Connect Apps



Rapid and secure remote connections to your sites with our unique SECURE PORT ACCESS method



MCRS

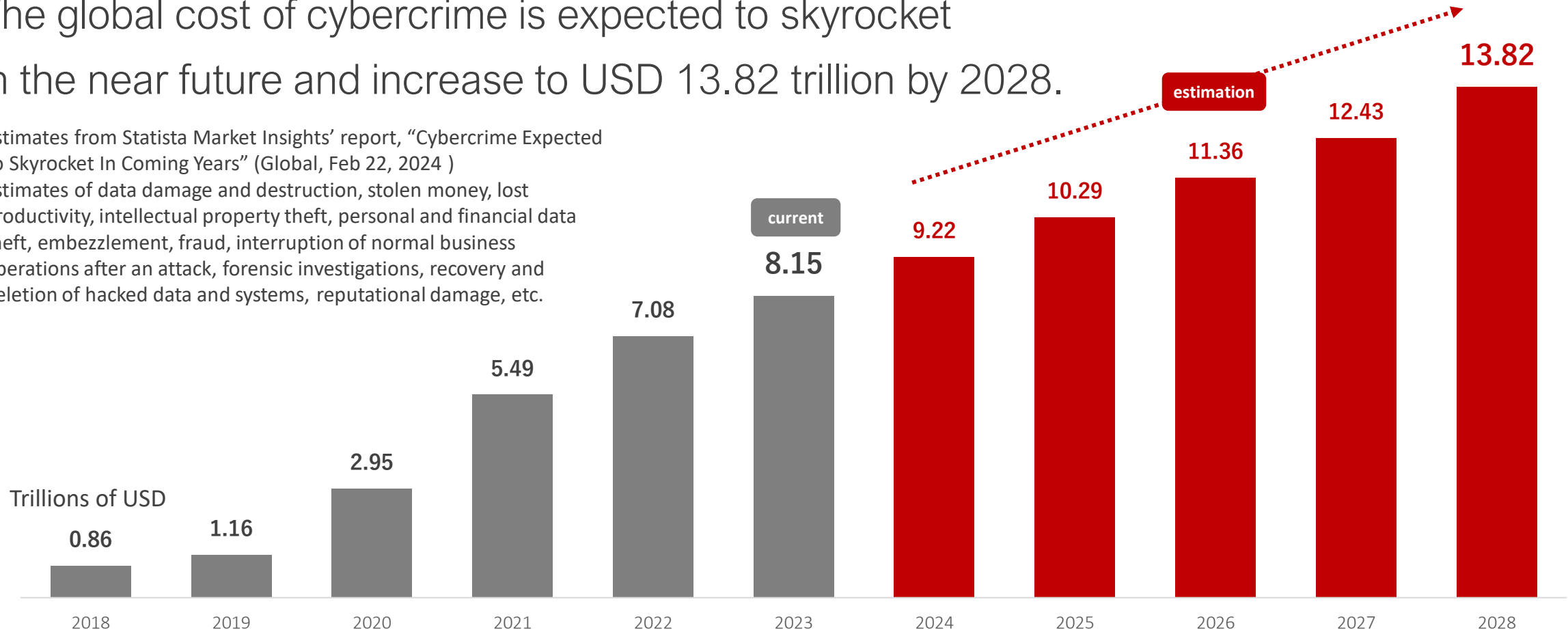
An Authentic Solution that Helps Enable a Secure IoT Society

Cybercrime is expected to increase dramatically in the coming years due to the rapid growth in the scale of the online environment and the number of users.

The global cost of cybercrime is expected to skyrocket in the near future and increase to USD 13.82 trillion by 2028.

Estimates from Statista Market Insights' report, "Cybercrime Expected To Skyrocket In Coming Years" (Global, Feb 22, 2024)

Estimates of data damage and destruction, stolen money, lost productivity, intellectual property theft, personal and financial data theft, embezzlement, fraud, interruption of normal business operations after an attack, forensic investigations, recovery and deletion of hacked data and systems, reputational damage, etc.



Connect without opening any ports

In this era of wide-spread cloud services, it is essential not only to protect servers and services from external intrusion and attacks, but to also eliminate the risk of the attacks themselves. Through our completely new concept of "Connection without opening any ports," we have accomplished this and realized "SECURE PORT ACCESS."

What is SECURE PORT ACCESS?

"SECURE PORT ACCESS" is a next-generation communication procedure that makes it possible to securely connect remotely to servers while eliminating the risk of unauthorized access from the outside. It can be used in remote connection environments within corporate networks, public clouds, and network devices such as IoT. Unlike conventional VPNs, it is a new method of connecting without opening any ports. No special equipment or high cost is required. Just install the KUROKO Connect Apps and you can connect remotely while maintaining a high level of security.

Why do ICT devices suffer so much security damage?



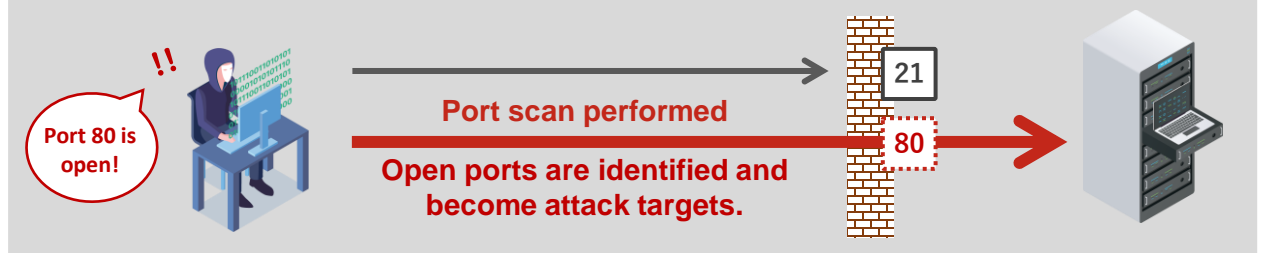
An attacker uses a port scan to locate open ports that can be used as intrusion targets. Through this, vulnerable devices (targets) are identified and can be attacked. However, the port has to be open for remote connection to occur...

No need to open a port at all!

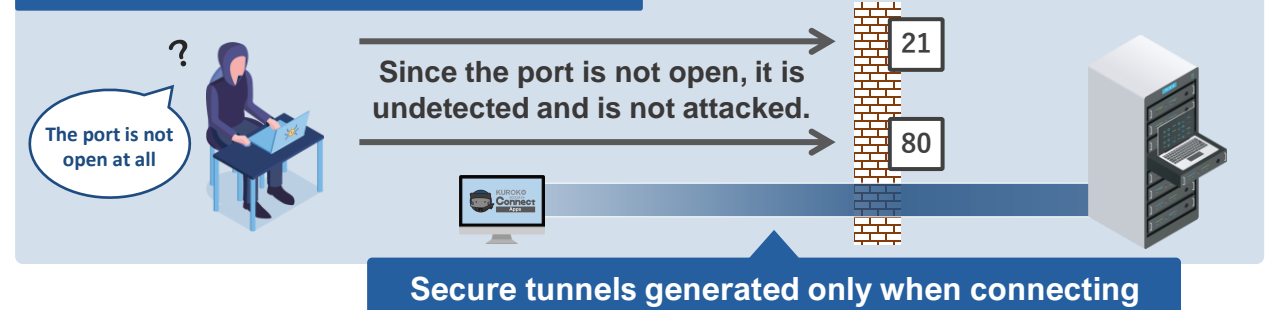


If no ports are opened in the first place, the security risk is greatly reduced.

Conventional Method (Ports open for VPN, etc.)



SECURE PORT ACCESS Method



1 Very safe and secure remote connections at a low cost

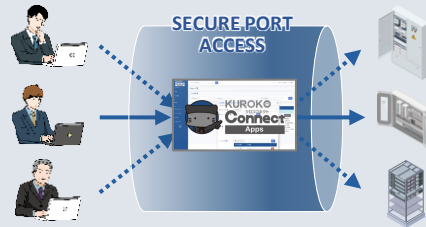


	Conventional remote connections	SECURE PORT ACCESS
Tunnel direction	Outside → Inside	Inside → Outside
Ports open to the outside world	Yes	No
Period of connection	Always ON > Manual disconnection	Open only on request > Automatic disconnection (with timer function)
Discovery by third-party port scan	possible	impossible

2 Very flexible and convenient remote connection operation

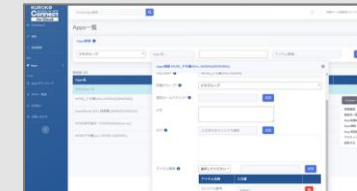


- ✓ Centralized management through a dedicated console, even if multiple sites and devices are connected.
- ✓ Connect to any remote destination without the need for a global IP.



Basic functionality

Compatible OS	Windows / Linux	
Remote Access Services	Connection source restrictions / Connection timer Connection history management / Random ports used Direct access / HTTP & HTTPS direct access Dedicated connection server	
File management	File upload / File auto upload / File download	
Life-and-Death Monitoring	Terminal management using KUROKO Connect software Monitoring during terminal operation / non-operation Monitored / unmonitored email notifications	
Group Management	Group management / Group permission management	
Management Connection	KUROKO Connect software / Startup status monitoring, reboot	
API	API releases	



Examples of Management Screens

Management Portal

Site A : Connected
Site B : OFF
Site C : OFF

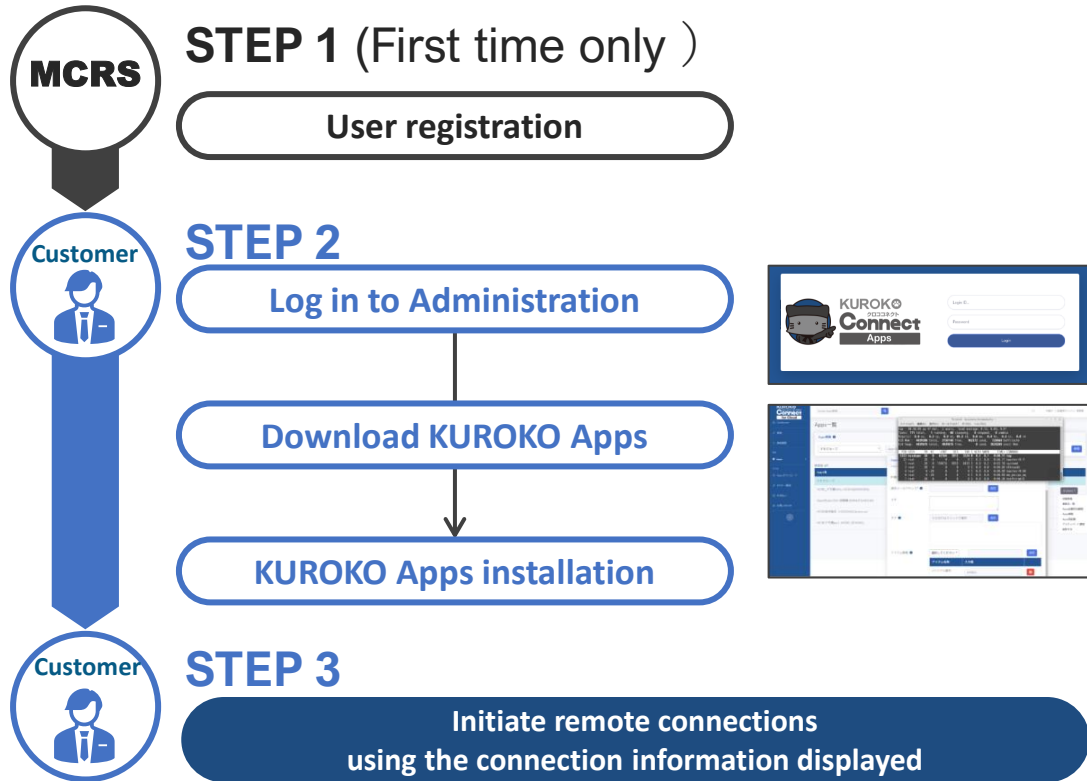
Manage multiple connections at once

Other Features and Functions

- ❑ Unlimited number of nodes can be used.
- ❑ Can pass through various existing communication services and protocols, such as SSH and VPN.
- ❑ User accounts can be issued to multiple users (management companies, maintenance contractors, etc.) and they can connect remotely without interfering with each other.

Easy Installation and Startup

Completed in just three easy steps.



Contact us

MCRS

Helping solve the world's problems with ICT!

Armed with our advanced technical capabilities and long experience in the field, we carefully develop innovative and original new ICT systems, matching the needs of the industry.

We strive to help solve the world's problems by destroying the preconceived negative notion that, "It can't be done."

CONTACT US



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