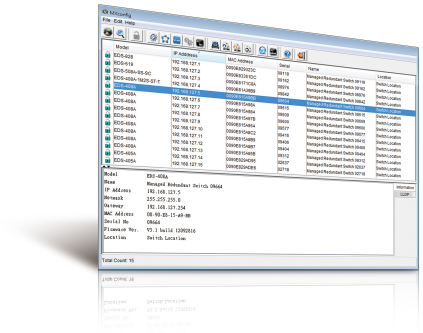
MXconfig Series

Industrial network configuration tool



Features and Benefits

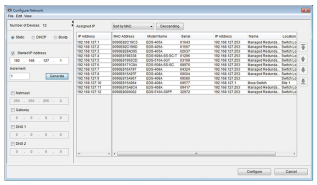
- Mass managed function configuration increases deployment efficiency and reduces setup time
- Mass configuration duplication reduces installation costs
- Link sequence detection eliminates manual setting errors
- Configuration overview and documentation for easy status review and management
- Three user privilege levels enhance security and management flexibility

Introduction

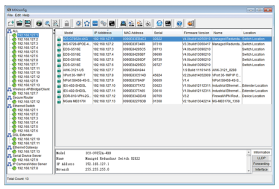
Moxa's MXconfig is a comprehensive Windows-based utility that is used to install, configure, and maintain multiple Moxa devices on industrial networks. This suite of useful tools helps users set the IP addresses of multiple devices with one click, configure the redundant protocols and VLAN settings, modify multiple network configurations of multiple Moxa devices, upload firmware to multiple devices, export or import configuration files, copy configuration settings across devices, easily link to web and Telnet consoles, and test device connectivity. MXconfig gives device installers and control engineers a powerful and easy way to mass configure devices, and it effectively reduces the setup and maintenance cost.

Device Discovery and Fast Group Configuration

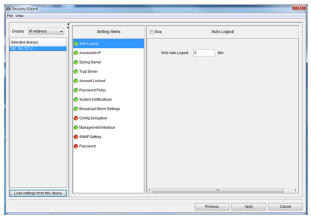
- Easy broadcast search of the network for all supported Moxa managed Ethernet devices
- Mass network setting (such as IP addresses, gateway, and DNS) deployment reduces setup time
- Deployment of mass managed functions increases configuration efficiency
- Security wizard for convenient setup of security-related parameters
- Multiple grouping for easy classification
- User-friendly port selection panel provides physical port descriptions
- VLAN Quick-Add Panel speeds up setup time
- Deploy multiple devices with one click using CLI execution



Network Setting



Multiple Grouping



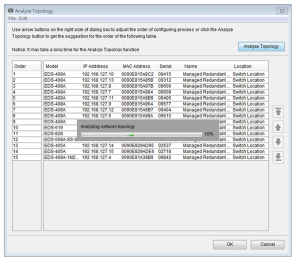
Security Wizard

Fast Configuration Deployment

- Quick configuration: copies a specific setting to multiple devices and changes IP addresses with one click

Link Sequence Detection

- Link sequence detection eliminates manual configuration errors and avoids disconnections, especially when configuring redundancy protocols or VLAN settings for a network in a daisy-chain topology (line topology).
- Link Sequence IP setting (LSIP) prioritizes devices and configures IP addresses by link sequence to enhance deployment efficiency, especially in a daisy-chain topology (line topology).



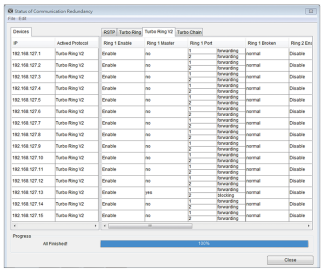
Analyze Topology

Unlock Devices and User Privileges

- Mass device unlocking and password file export for quick unlocks.
- Three user privilege levels to enhance management flexibility and security: Admin, Supervisor, and Operator.

Configuration Overview and Documentation

- Useful mass status overview and configuration check for each managed function.
- Generate reports on each managed function for multiple devices in the network.
- Export multiple configuration files with flexible filenames and import multiple configuration files to multiple devices.
- Export device list for easy backup, and import device list for quick searching.



Status Overview

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	IP	Actived Protocol	Ring 1 Enable	Ring 1 Master	Ring 1 Port	Ring 1 Broken	Ring 2 Enable	Ring 2 Master	Ring 2 Port	Ring 2 Broken	Coupling Enable	Coupling Mode	Coupling Port
2	192.168.127.1	Turbo Ring V2	Enable	no	1 forwarding 2 forwarding	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
3	192.168.127.2	Turbo Ring V2	Enable	no	1 forwarding 2 forwarding	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
4	192.168.127.3	Turbo Ring V2	Enable	no	1 forwarding 2 forwarding	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
5	192.168.127.4	Turbo Ring V2	Enable	no	1 forwarding 2 forwarding	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
6	192.168.127.5	Turbo Ring V2	Enable	no	1 forwarding 2 forwarding	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
7	192.168.127.6	Turbo Ring V2	Enable	no	1 forwarding 2 forwarding	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
8	192.168.127.7	Turbo Ring V2	Enable	no	1 forwarding 2 forwarding	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
9	192.168.127.8	Turbo Ring V2	Enable	no	1 forwarding 2 forwarding	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
10	192.168.127.9	Turbo Ring V2	Enable	no	1 forwarding 2 forwarding	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
11	192.168.127.10	Turbo Ring V2	Enable	yes	1 forwarding 2 blocking	normal	Disable	no	1 notRedundant 1 notRedundant	N/A	Disable	Dual Homing	1 notRedundant 1 notRedundant
12													

File Export

Specifications

Hardware Requirements

RAM	2 GB
Hardware Disk Space	10 GB
OS	Windows 7 (32/64-bit), Windows 8 (32/64-bit), Windows 10 (32-64-bit), Windows Server 2012 (32/64-bit)
CPU	2 GHz or faster dual-core CPU

System Requirements

Supported Devices

	Supported Devices	
Series	Model Name	Firmware Ver.
AWK Series	AWK-1121	V1.4
	AWK-1131A	V1.11
	AWK-1127	V1.4
	AWK-1137C	V1.3
	AWK-3121	V1.10
	AWK-3121-SSC-RTG	V1.4
	AWK-3121-M12-RTG	V1.4
	AWK-3131	V1.2
	AWK-3131-M12-RCC	V1.0

	Supported Devices	
Series	Model Name	Firmware Ver.
	AWK-3131A	V1.3
	AWK-4121	V1.10
	AWK-4131	V1.2
	AWK-4131A	V1.3
	AWK-5222	V1.7
	AWK-5232	V1.3
	AWK-6222	V1.7
	AWK-6232	V1.3
TAP Series	TAP-213	V1.2
WAC Series	WAC-1001	V2.1
	WAC-2004	V1.6
EDR Series	EDR-810	V3.2
	EDR-G902	V4.2
	EDR-G903	V4.2
EDS Series	EDS-405A/408A	V3.1
	EDS-405A/408A-EIP	V3.1
	EDS-405A/408A-PN	V3.1
	EDS-405A-PTP	V3.3
	EDS-505A/508A/516A	V3.1
	EDS-510A	V3.1
	EDS-518A	V3.1
	EDS-510E/518E	V4.0
	EDS-528E	V5.0
	EDS-G508E/G512E/G516E	V4.0
	EDS-G512E-8PoE	V4.0
	EDS-608/611/616/619	V3.1
	EDS-728	V3.1
	EDS-828	V3.1
	EDS-G509	V3.1
	EDS-P510	V3.1
	EDS-P510A-8PoE	V3.1
	EDS-P506A-4PoE	V3.1
	EDS-P506E-4PoE	V5.5
ICS Series	ICS-G7526/G7528	V3.1
	ICS-G7826/G7828	V3.1
	ICS-G7748/G7750/G7752	V3.1
	ICS-G7848/G7850/G7852	V3.1

	Supported Devices	
Series	Model Name	Firmware Ver.
	ICS-G7526A/G7528A	V4.0
	ICS-G7826A/G7828A	V4.0
	ICS-G7748A/G7750A/G7752A	V4.0
	ICS-G7848A/G7850A/G7852A	V4.0
IEX Series	IEX-402-SHDSL	V1.0
	IEX-402-VDSL2	V1.0
	IEX-408E-2VDSL2	V4.0
IKS Series	IKS-6726/6728	V3.1
	IKS-G6524	V3.1
	IKS-G6824	V3.1
	IKS-6728-8PoE	V3.1
	IKS-6726A/6728A	V4.0
	IKS-G6524A	V4.0
	IKS-G6824A	V4.0
	IKS-6728A-8PoE	V4.0
MDS Series	MDS-G4012	V1.1
	MDS-G4020	V1.1
	MDS-G4028	V1.1
MGate Series	MGate MB3170	V1.0
	MGate MB3180	V1.0
	MGate MB3270	V1.0
	MGate MB3280	V1.0
	MGate MB3480	V1.0
	MGate MB3660	V1.0
	MGate EIP3170	V1.0
	MGate EIP3270	V1.0
	MGate 5101-PBM-MN	V1.1
	MGate 5102-PBM-PN	V1.1
	MGate 5105-MB-EIP	V1.0
	MGate 5109	V1.3
	MGate 5118	V1.0
	MGate W5108	V1.2
	MGate W5208	V1.2
NPort Series	NPort S8455	V1.4
	NPort S8458	V1.4
	NPort 6150/6250/6450	V1.14
	NPort 6610-8/6610-16/6610-32	V1.14

	Supported Devices	
Series	Model Name	Firmware Ver.
	NPort 6650-8/6650-16/6650-32	V1.14
PT Series	PT-G7728	V5.4
	PT-G7828	V5.4
	PT-7528**	V3.1
	PT-7710	V3.1
	PT-7728	V3.1
	PT-7828/7828-PTP	V3.1
	PT-G7509	V3.1
	PT-508/510	V3.1
TN Series	TN-5508/5510	V3.1
	TN-5516/5518	V3.1
	TN-5508-4PoE	V3.1
	TN-5510-PoE	V3.1
	TN-5516-8PoE	V3.1
	TN-5518-PoE	V3.1
	TN-5916	V1.2
VPort Series	VPort 26A-1MP	V1.2
	VPort 36-1MP	V1.1
	VPort P06-1MP-M12	V2.2