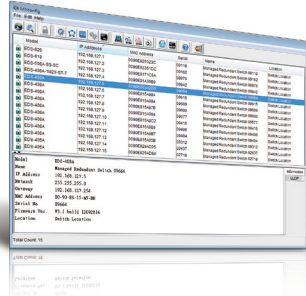# MXconfig

Industrial network configuration tool

> 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
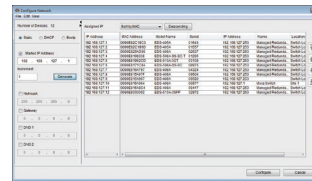
⁞ Introduction

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/
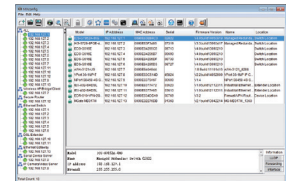
import configuration files, copy configuration settings across devices, easily link to web and Telnet consoles, and test device connectivity. MXconfig gives device installers and control engineers a powerful and easy way to mass configure devices, and it effectively reduces the setup and maintenance cost.

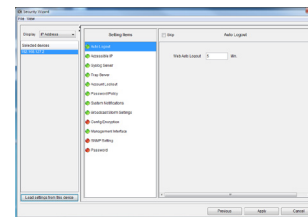### Device Discovery and Fast Group Configuration

- 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
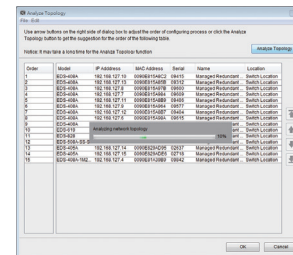

Network Setting

Multiple Grouping

Security Wizard

Fast Configuration Deployment

- Quick configuration: copy a specific setting to multiple devices and change 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

File Export

System Requirements

CPU	2 GHz or faster dual core CPU
RAM	256 MB
Hard Disk Space	1 GB
Operating System	Windows XP Professional, Windows 7 (32/64-bit), Windows 8 (32/64-bit), Windows 10 (32/64-bit), Windows Server 2008 (32/64-bit), Windows Server 2012 (32/64-bit), Windows Server 2012 R2

Supported Devices

MXconfig V2.4 supports the following devices:

Series	Model Name	Firmware
AWK Series	AWK-1121	V1.4
	AWK-1131A	V1.11
	AWK-1127	V1.4
	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
	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
EDR Series	EDR-810	V3.2
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

Series	Model Name	Firmware
ICS Series	ICS-G7526/G7528	V3.1
	ICS-G7826/G7828	V3.1
	ICS-G7748/G7750/G7752	V3.1
	ICS-G7848/G7850/G7852	V3.1
	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
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

Series	Model Name	Firmware
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
	NPort 6650-8/6650-16/6650-32	V1.14
PT Series	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
VPort Series	VPort 26A-1MP	V1.2
	VPort 36-1MP	V1.1
	VPort P06-1MP-M12	V2.2

Note:
- MXconfig supports the listed and higher firmware versions.
- Additional model names will be added as MXconfig is updated. Check Moxa's website for the most up-to-date information.