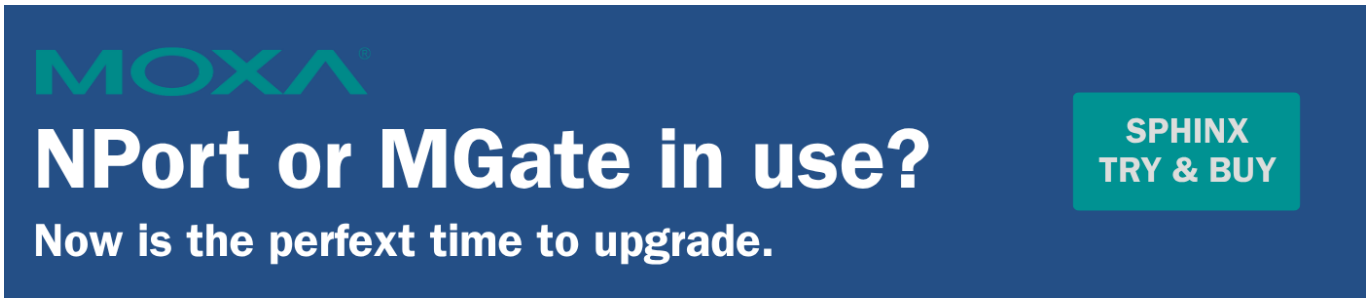
MOXA Generation 2 - Try & Buy

MOXA is bringing its proven NPort 6000, NPort IA5000, and MGate MB3170/3270/3470 product families up to date with the new Generation 2.



English version of the video

German version of the video

Try & Buy - Test Before You Invest

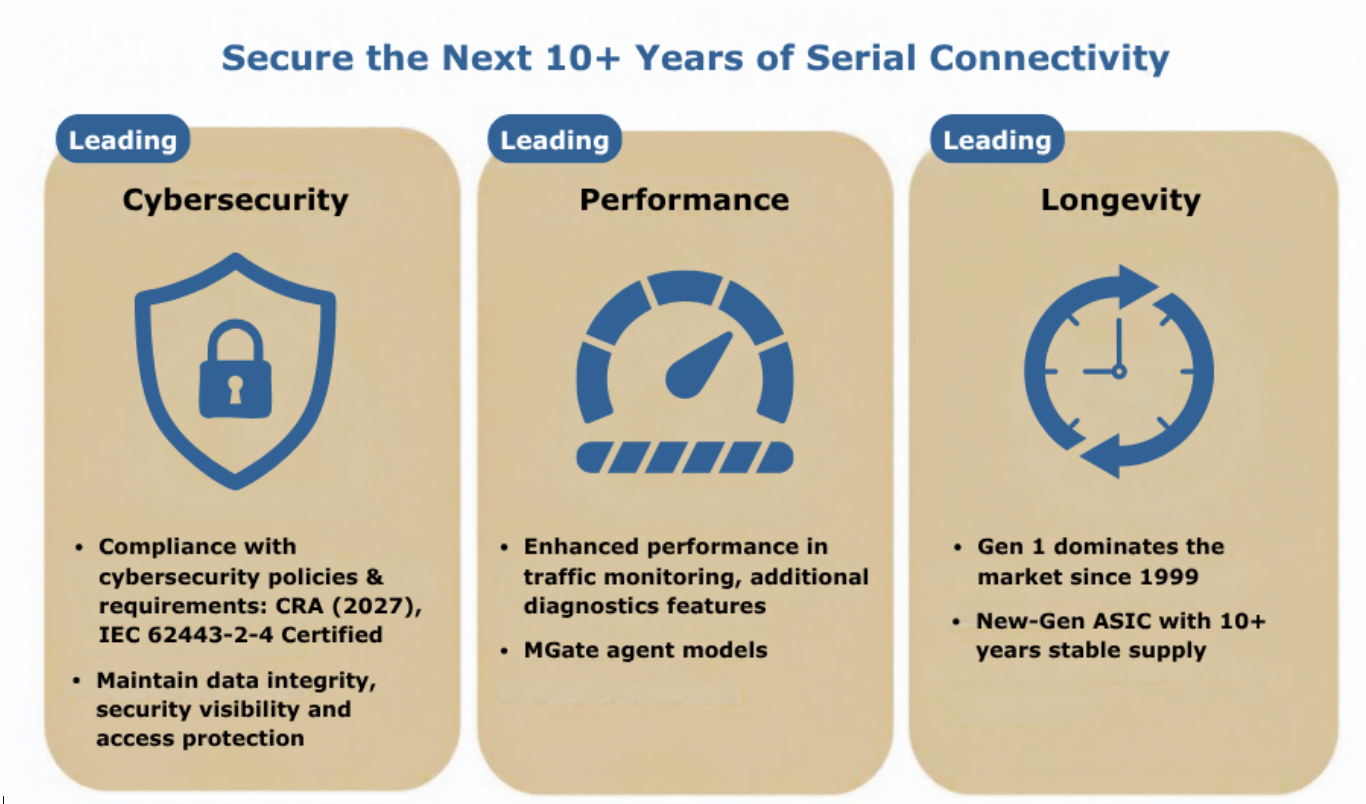
Choosing the right industrial networking solution is an important investment. With the SPHINX Computer Try & Buy Program, you can evaluate the latest MOXA Generation 2 devices in your own application before making a purchasing decision. This allows you to verify compatibility, performance, and security under real operating conditions while receiving expert support from our technical team.

- Free evaluation of selected Generation 2 devices
- Technical support from SPHINX Computer
- Fast availability from local stock
- Easy migration from existing Generation 1 products

Why Upgrade to Generation 2?

Industrial networks face increasing cybersecurity requirements and longer lifecycle expectations. MOXA's Generation 2 portfolio has been developed to

address these challenges by combining advanced security features, improved performance, and long-term product availability. The new generation helps protect critical infrastructure while simplifying network management and supporting future compliance requirements such as IEC 62443, CRA, and NIS2.



Key Advantages	
Security Upgrade	• IEC 62443 compliant architecture • Hardware-based Secure Boot & Secure Storage • Designed for CRA and NIS2 readiness
Performance & Ease of Use	• Faster serial communication • Advanced diagnostics and troubleshooting • MXview One integration • Improved Modbus performance
Long-Term Commitment	• Product lifecycle until 2050+ • Investment protection • Long-term migration strategy

NPort 6000-G2 Series & NPort IA5000-G2 Series



The NPort 6000-G2 and NPort IA5000-G2 Series deliver the next generation of secure industrial serial connectivity for critical infrastructure and demanding industrial applications such as Oil & Gas, Marine, Process Automation, and Utilities. Compared to Generation 1, both product families offer significantly enhanced cybersecurity through hardware-based security features, improved diagnostics, and seamless integration with MXview One. Additional enhancements such as encrypted serial communication, Gigabit Ethernet connectivity, dual subnet support, industrial EMC compliance, and real-time monitoring provide greater reliability, easier network management, and long-

term protection for modern OT environments.

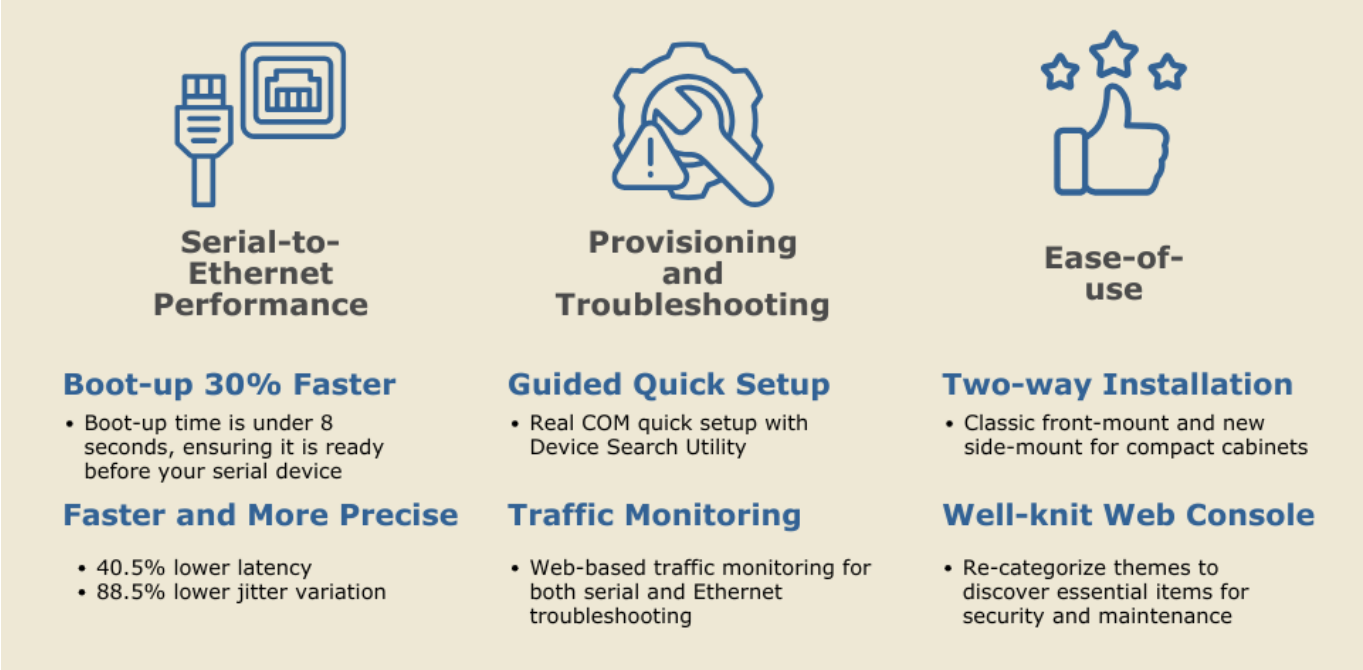
MGate MB3170 / MB3270 / MB3470-G2



The MGate MB3170-G2, MB3270-G2, and MB3470-G2 Series represent the next generation of intelligent Modbus gateways for industrial automation, power distribution, data centers, and marine applications. Compared to Generation 1, the new product family delivers enhanced cybersecurity,

improved performance, and greater operational flexibility to meet the increasing demands of modern OT environments. New features such as Agent Mode, hardware-based Secure Boot, advanced diagnostics, proprietary serial protocol support, dual subnet capability, and expanded hardware options including 4-port, Terminal Block, and SFP models enable faster data acquisition, simplified troubleshooting, and seamless integration into existing industrial networks. These enhancements provide greater reliability, improved network management, and long-term investment protection for future industrial communication infrastructures.

Going the Extra Mile to Enhance Product Performance



Easy Migration

Migrating from Generation 1 to Generation 2 is straightforward. MOXA provides direct successor products for existing NPort and MGate devices, allowing customers to benefit from improved security, higher performance, and long-term product availability with minimal engineering effort.

Ready to Upgrade?

Experience the benefits of MOXA Generation 2 yourself. Contact the SPHINX Computer team today to request your free Try & Buy evaluation device and discover how easy the migration can be.