Moxa Remote Connect Suite

Remote connection management platform for secure remote access



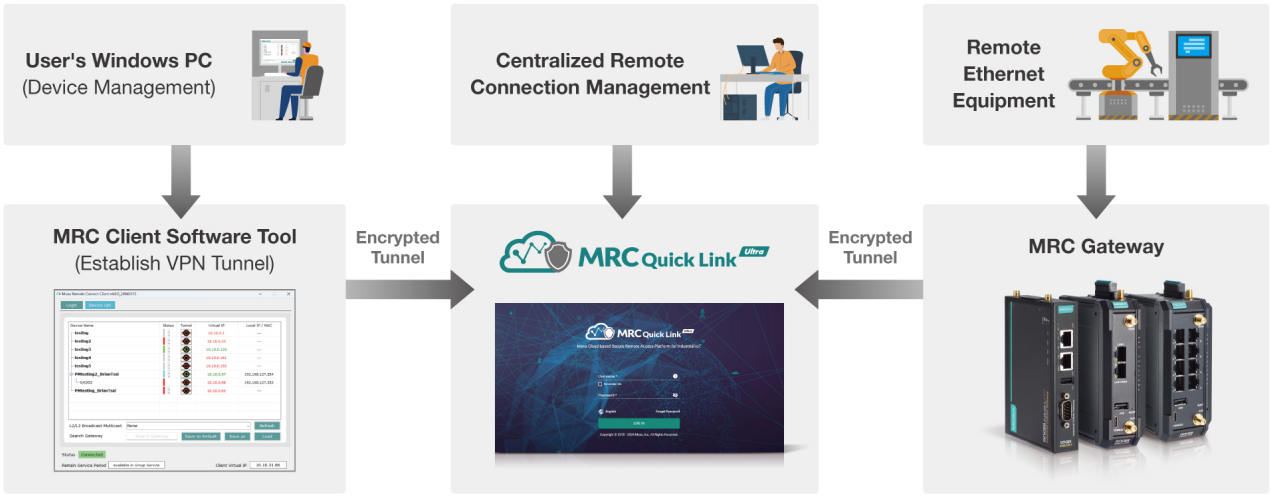
Features and Benefits

- Security with embedded firewall and whitelist remote access control
- End-to-end data encryption
- Supports for point-to-point VPN connection to increase efficiency
- Auto virtual IP mapping eliminates the need for field IP management
- Transparent tunnels suitable for existing software tools
- Flexibility for defining the relation between remote connections
- Max. 3000 nodes (gateway and client) with support for 300 concurrent connected nodes[1]
- 3 years of free basic usage (5 concurrent connected node and 5 GB per month) for quick launch your operations[2]

Introduction

Moxa Remote Connect (MRC) is an easy-to-use, secure, and versatile networking solution designed to seamlessly bridge field devices, engineers, and application servers together over the Internet for industrial applications. The solution combines MRC Server, MRC Gateway, and MRC Client. The MRC Server is a connection management platform that determines how the MRC Gateways and MRC Clients are related. The MRC Gateway is a secure gateway that connects Ethernet-ready devices at remote sites to the MRC Client. The MRC Client is a software tool that allows engineers to choose which remote device to connect to from a user's laptop. Another benefit of the MRC Server is that it gives administrators a lot of control over the remote connection including during which periods of time it can be accessed and the kind of features that are available.

Meanwhile, MRC Quick Link Ultra, a remote connection service hosted by Moxa, minimizes maintenance efforts and allows users to focus more on their business.



Featured Highlights

- Machine access is fully controlled by machine operators for on-demand maintenance service
- An embedded firewall allows remote access under whitelist control without disrupting local networks at field sites

1. More nodes by request
2. Register by the S/N of Moxa gateway. After the three-year free period expires, you can purchase an add-on license to continue using the service

- VPN knowledge is not required to deploy the solution
- Plug & play operation makes it easy to get up and running
- Supports existing IT cybersecurity policies
- Less effort is required from your IT engineers
- Changes to network configurations are not required at field sites
- Connect with multiple field machines simultaneously via a virtual IP mapping scheme

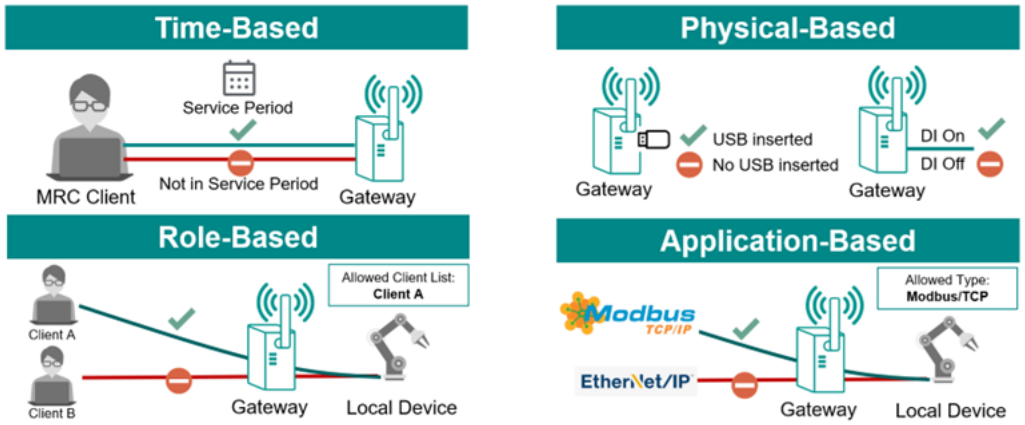
User Scenarios

The MRC Suite supports multiple connection types and provides numerous benefits. Below are three examples where the MRC Suite can benefit engineers and businesses.

- On-demand Remote Maintenance, Diagnosis, and Troubleshooting: To minimize security issues and reduce costs, MRC allows engineers to build remote connections only when necessary.
- Remote Monitoring Minimizes Onsite Maintenance: MRC helps engineers monitor the status of machines operating at remote sites. Continual monitoring of machine status allows engineers to make adjustments to settings remotely, reducing the need for engineers to make site visits to troubleshoot and fix onsite issues.
- LAN-like and site-to-site Secure Network Infrastructure: MRC enables communication between different machines even though the machines are not at the same location. With MRC, machines can transmit data to and from each other, just as though they were communicating over a local area network (LAN).

Secure Remote Connect

The MRC Suite offers a range of access control methods to ensure that unauthorized MRC clients cannot connect to the on-site MRC gateway. The Time-Based control can be set remotely and allows for one-time access for specific clients. The Physical-Based control is on-site and can be enabled or disabled by on-site personnel at any time. The Role-Based and Application-Based controls provide consistent protection.



Specifications

MRC Client Software

Operating System	Windows 11 (32-bit or 64-bit)

Supported Devices

OnCell Products	MRC Quick Link Ultra and MRC Client (v4.2.0 and higher): OnCell 3120 (HW Rev 2.0.0; firmware v2.5.0 and higher) OnCell G4302 (firmware v3.26.0 and higher) OnCell G4308 (firmware v3.26.0 and higher)

Ordering Information

Model Name	MRC Quick Link Add-on License
LIC-MRCQLULTRA-ADD-1Y-XGB-SR	1-year customizable monthly data traffic (min. 1 GB)
LIC-MRCQLULTRA-ADD-1Y-XN-SR	1-year customizable node quantity (min. 1 node)

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