



## Ursalink Secures Internet Connection on Remote Monitoring for PLCs

As has been noted, remote monitoring on PLCs is common to the industrial automation in the plant. However, the factory could be located anywhere in the world and leaves many difficulties of management of the large scale of PLCs. Hence, to make that problem a thing of the past, Ursalink offers an intelligent solution to help LUOVA Technologies reduce production cost, decrease in part cycle time, and improve quality and reliability.

### CHALLENGES

- For example, staff working in the office needs access to industrial production management in remote fields
- For instance, a fast and secure network to provide the speed and reliability to underpin time-critical operations



### SOLUTION

Firstly, our client uses 2 units of Ursalink UR72 industrial cellular router respectively as a UrsalinkVPN server and a UrsalinkVPN client. Secondly, the one as UrsalinkVPN client is connected to Ethernet port of a programmable logic controller. As soon as a UrsalinkVPN environment is established, engineers working in the office can access the system securely. Also, they can find no trouble controlling programmable logic controller anytime.

By applying the application to modern control networks, data collection over great distances is no longer a problem. Because special events, faults, and alarms are definitely under control. Hence, remote monitoring on PLC is truly trending.



## KEY BENEFITS

- Easy to use, deploy and scale up
  - Secure and fast web access
  - Reduced running and network administration costs
- Increased employee productivity and increased organizational flexibility  
Real-time remote control/monitoring and production management  
Minimize costly downtime in high-pressure industrial production environments

## FEATURED PRODUCTS

### Ursalink UR72 Industrial Cellular Router



- 2 Gigabit Ethernet ports
- 64-bit ARM Cortex-A53 low power consumption processor
- Dual SIM Backup with High-Speed LTE Network
- Embed Ursalink SDK (Python 2.7/C)
- Support SSD and Micro SD card extension
- Dual-Band Wi-Fi comply with 802.11b/g/n/ac
- Supports Modbus TCP and Modbus RTU Protocols
- Comprehensive Industrial Interfaces: Serial Port, DI/DO
- Integrated GPS with High Accuracy Positioning
- Multiple Encryption Tunnels for Data Transmission Security

## About LUOVA Technologies

LUOVA Technologies, a solution provider, is focused on helping customers achieve their goals in the areas of industrial automation and software solutions.



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