

# Endpoint Security Service

## The 1<sup>st</sup> step toward protecting your control system against malware infection and cyber-attack is to incorporate the Endpoint Security Service.

The threat of cyber-attack through unauthorized access or malware infection that targets vulnerable control systems via USB storage devices is increasing on a daily basis.

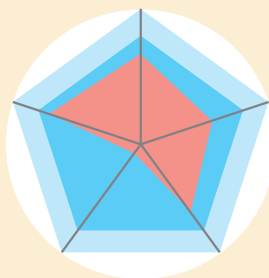
By incorporating the "Endpoint" services on your Windows PCs or Servers, it will protect against such threats and mitigate any risks. Yokogawa Endpoint Security Service will mitigate security risks at the users "Endpoint" and will help to support the sustainability and health of the control system throughout your plant's lifecycle.



To assume that everything will "probably be OK" may not be adequate as the risk to security increases every day. In order to evaluate the potential security risk objectively we encourage you to adopt the Security Risk Assessment with Yokogawa and determine the best solution to fit your needs.

### Security Risk Assessment

Based on the results of the simple security survey provided by the customer, Yokogawa evaluates the security risk. Upon discussion with the customer, Yokogawa proposes the optimum security countermeasures.



### Virus Check Service

Yokogawa Virus Check Service can detect computer viruses without the need for installing antivirus software. By periodically running this virus check, the security of your system can be maintained.



The customer's biggest concern is the risk of a computer malware infection and would like the reassurance that their system is safe. Yokogawa provides an effective security service in response to the customer's requests and operational conditions.

## AV/OS\* Implementation Service

For the prevention of malware such as computer viruses, Yokogawa recommends the installation of antivirus software as well as the Microsoft Security Updates that has been approved by Yokogawa.

AV/OS : Antivirus software/ Microsoft Security Updates



## Malware Inactivated Service

A permitted program list is created and executed on the customer's HIS-PC to protect against infectious malware by restricting the execution of specific software.



## USB Port Lock Service

This service can restrict the use of USB storage device, both physically and theoretically to protect against malware infections.



## Software Backup Service

This service is not only used to minimize customer down time during HIS trouble occurrences but also to security data integrity. Yokogawa uses external hard drives to back up the hard drives of the HIS to ensure continuity and reliability of the data backup.



A periodical check and an update is indispensable to maintain or manage security levels, since security levels can deteriorate as time passes.

## AV/OS Update Service



This service can periodically update pattern files of antivirus software and Microsoft Security Updates.

## Security Effectiveness Service



This service can check implemented security measures during a periodical inspection or shutdown maintenance.

## Security Information Service



This service regularly provides antivirus software and Microsoft Security Updates information in association with Yokogawa products.

Synaptic  
Business  
Automation

Synaptic Business Automation creates sustainable value by connecting everything in our customers' organization. To realize this, Yokogawa integrates its business and domain knowledge with digital automation technologies, and co-innovates with customers to drive their business process transformation.

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