



About Kaspersky Industrial CyberSecurity for Nodes

Kaspersky Industrial CyberSecurity for Nodes is a complex server and workstation security solution for IT threats in industrial control systems.

The application controls the operation of industrial enterprise network computers and uses the following components, functions, and technologies:

- Applications Launch Control. The component monitors user application starts and regulates application launches.
- Device Control. The component controls registration and usage of the external devices in order to protect computer against computer security threats, that may occur in process of file exchange with flash drives or other type of external device connected via USB.
- PLC Project Integrity Check. This function is designed to check the integrity of Programmable Logic Controller (PLC) designs used in an industrial system.

The operation of control components is based on rules, e.g.:

- Applications Launch Control uses rules for applications launch control.
- Device Control uses device access rules and connector bus access rules.
- The PLC Project Integrity Check function uses PLC Project Integrity Check rules.

Each type of threat is handled by a separate component. Components may be started and stopped, and their settings adjusted, independently.

The application checks and protects industrial network components using the following components:

- File Anti-Virus. The component prevents the computer's file system from being infected. The component launches when Kaspersky Industrial CyberSecurity for Nodes starts, is continuously running in the computer's RAM, and checks all opened, saved, and started files on the computer and on all mounted drives. File Anti-Virus observes each file event and checks this file for viruses and other programs that represent a threat.
- Wi-Fi Control. This component tracks a protected computer's attempts to connect to Wi-Fi networks and blocks or allows connections to detected networks.
- Firewall Management. This component provides the ability to manage the Windows Firewall: configure settings and operating system firewall rules and block any possibility of external firewall configuration.