kasperskyOS
Operating system

kaspersky cyber immunity

# A microkernel operating system for building secure, reliable, and resilient IT systems without additional protection tools

## Microkernel architecture

Ensures scalability, transparency, and fault tolerance of the OS. The minimal kernel size guarantees strict quality control of the code

## Component isolation

All components are fully isolated from each other and the external environment, eliminating uncontrolled interaction

Proprietary microkernel

## Interprocess communication control

Any interaction between components that is not explicitly allowed by the security policy will be denied

## Cyber Immunity

Products built on KasperskyOS using a defined methodology possess innate resistance to cyberattacks

**>100**
patents for unique technologies of the operating system and products based on it

products built on KasperskyOS have received 3 international awards

the software development process for automotive solutions based on KasperskyOS complies with the functional safety requirements of ISO 26262

**Learn more about KasperskyOS**

os.kaspersky.com

# Application scenarios

KasperskyOS is used in industries that require enhanced cybersecurity, reliability, and predictable performance of IT systems.

Thanks to its architectural features, KasperskyOS creates an environment where untrusted and potentially vulnerable programs can run safely.

## Virtual desktop infrastructure

**Kaspersky Thin Client**

Operating system for thin clients based on the KasperskyOS microkernel

## Transport systems

**Kaspersky Automotive Secure Gateway**

Software for high-performance automotive controllers that combine the functions of a telematics unit and a security gateway

## Corporate mobile devices

**KasperskyOS Mobile**

Operating system for mobile devices built on the KasperskyOS microkernel

Available only through the early access program for customers and partners

**Learn more about KasperskyOS**

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