



Cisco IC3000 Industrial Compute Gateway

Edge computing makes decision making faster with the right data at the right time

The Cisco IC3000 Industrial Compute Gateway extends data intelligence to the edge of the Internet of Things (IoT) network to seamlessly bridge the intent-based network and IoT data fabric in a complete end-to-end solution for applications such as intelligent roadways, smart factories, and so on.

Transportation

Accelerate insights with secure, real-time computing on edge devices to optimize traffic management on roadways.

Manufacturing

Extract and compute relevant edge data, and move it to cloud applications to get machines back online faster to improve your manufacturing productivity.

Oil and Gas

Seamlessly manage gateways at scale and possibly push software updates for rapid response to increase safety for oil and gas pipelines.

These are just a few of the use cases for the IC3000.

Benefits

With the Cisco® IC3000 Industrial Compute Gateway, you can:



Simplify deployment. Rapidly deploy thousands of edge computing gateways using a simple user interface.



Manage at scale. Extract, compute, and move data from devices to diverse applications. Reduce OpEx with remote diagnostics.



Enhance security. Protect your IoT stack with multilayered security and policies for data ownership, policy, and privacy.

Hardware specifications

- 4-core Intel® Rangeley 1.2 GHz
- 8-GB DRAM (soldered down)
- 128-GB mSATA SSD
- Compact DIN rail unit design
- 2 Gigabit Ethernet copper ports and 2 SFP fiber ports
- Dedicated management and console ports
- 2 USB ports
- Alarm I/O
- Multilayer security
 - Secure boot with hardware root of trust
 - Secure Linux kernel with PSIRT updates
 - Secure control plane
 - Secure app execution with app signing and verification
 - Secure storage service for IOx apps for keys and other private data

For additional information,
visit www.cisco.com/go/ic3000.

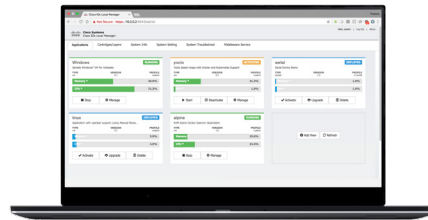
Accelerate decisions with edge computing

The IC3000 gateway delivers the next level of computational power, up from IR809 and IR829, for applications that demand more processing power for data analytics and real-time critical decision making at the edge of the IoT network. With built-in interfaces that support a wide range of industrial standards and a simple development toolkit, the IC3000 enables application developers to unleash their creativity in creating apps that harness the wealth of IoT data. In addition, [Cisco IoT Field Network Director](#) can be used to manage IC3000 gateways and entire lifecycle of applications on it at scale.

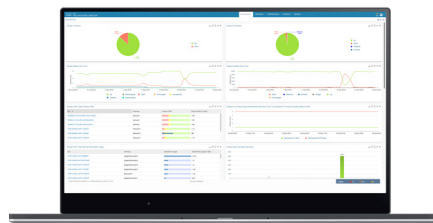
Capture the precise information you need from diverse distributed edge devices like traffic cameras, industrial robots, and oil and gas pipelines using the IC3000 to unlock more value from your IoT data.

System and manageability software for IC3000

[Cisco IOx - Developer Tool](#)



[Cisco IoT Field Network Director - Manageability Tool](#)



Fast onboarding container or virtual machine applications



Signed applications, secure storage



Zero-touch deployment of devices



Centralized device and application lifecycle management at scale