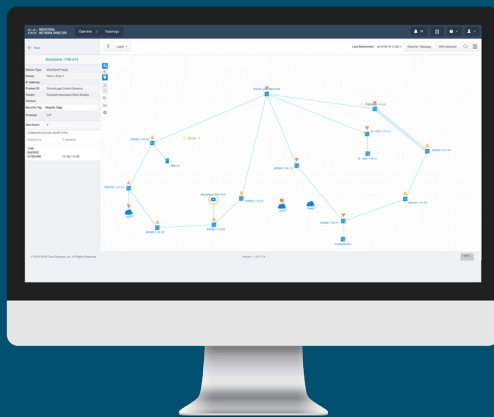


# Cisco Industrial Network Director (IND)

## Empower operations

Get full visibility and control of your industrial automation network

Built to manage industrial networks, the Cisco® Industrial Network Director (IND) is designed to help operations teams gain full visibility of network and automation devices in the context of the automation process and provides improved system availability and performance, leading to increased Overall Equipment Effectiveness (OEE).



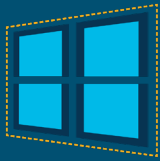
## Try it for free!

Download Cisco Industrial Network Director and try it for free for a 90-day full-featured evaluation period.

For additional information, [www.cisco.com/go/ind](http://www.cisco.com/go/ind)

## Benefits

- **Reduce Unplanned Downtime** by leveraging industrial protocols such as CIP, PROFINET, Modbus, OPC-UA, BACnet etc. to discover and visualize how automation assets connect to the industrial network and troubleshoot issues with insightful context.
- **Secure your Industrial Network** by sharing automation asset identity from IND to Cisco Identity Services Engine (ISE) and Cisco Stealthwatch and bring enterprise class threat defense capabilities to your industrial network.
- **Simplify Commissioning** with Plug-and-Play server functionality to enable machine builders and OEMs that lack IT skills to configure machine networks as per your specifications without having to learn CLI.



## Works on Windows

IND is distributed as a Windows executable, and installs as a service to seamlessly fit your industrial automation ecosystem.



## Lightweight

IND requires a minimum of Quad-Core 1.8 GHz CPU, 8 GB RAM, and 50 GB storage for small deployments, and scales up for large deployments with more powerful hardware.



## Accessible










IND user interface is accessed with a web browser, and supports a RESTful API for integration with industrial automation systems.

## What IND enables you to do

It's no secret that lack of visibility is a problem in industrial environments. Most users are simply not aware of the full scope of industrial assets connected to their networks. This lack of visibility is a key factor that results in poor network design, difficulty in detecting and fixing communication issues, and a lack of security in industrial networks.

The Cisco Industrial Network Director is an easy-to-adopt network management system for industrial automation. It is specifically designed to help operations teams manage automation by providing full visibility and control of the Industrial Ethernet infrastructure in the context of the automation process.

The system provides:

-  CIP, PROFINET, Modbus, BACnet, Siemens S7, OPC-UA industrial device discovery
-  Bridge across PLC backplane to discover devices behind it
-  Dynamic topology of Industrial and Network assets, with support for (DLR) Device Level Rings
-  Plug-and-play server for zero-touch switch commissioning
-  Switch monitoring and troubleshooting with alarms
-  Switch configuration backup
-  Detailed audit trails to track adds, moves, and changes
-  OT intent driven security workflows with Cisco ISE, and anomaly detection with Cisco Stealthwatch integration
-  Rich APIs for rapid integration with industrial applications