

## About the Cisco Validated Design (CVD) Program

---

Converged Plantwide Ethernet (CPwE) is a collection of tested and validated architectures developed by subject matter authorities at Cisco and Rockwell Automation which follows the Cisco Validated Design (CVD) program.

CVDs provide the foundation for systems design based on common use cases or current engineering system priorities. They incorporate a broad set of technologies, features, and applications to address customer needs. Each one has been comprehensively tested and documented by engineers to help achieve faster, more reliable, and fully predictable deployment.

The CVD process is comprehensive and focuses on solving business problems for customers and documenting these solutions. The process consists of the following steps:

- Requirements are gathered from a broad base of customers to devise a set of use cases that will fulfill these business needs.
- Network architectures are designed or extended to provide the functionality necessary to enable these use cases, and any missing functionality is relayed back to the appropriate product development team(s).
- Detailed test plans are developed based on the architecture designs to validate the proposed solution, with an emphasis on feature and platform interaction across the system. These tests generally consist of functionality, resiliency, scale, and performance characterization.
- All parties contribute to the development of the CVD guide, which covers both design recommendations and implementation of the solution based on the testing outcomes.

Within the CVD program, Cisco also provides Cisco Reference Designs (CRDs) that follow the CVD process but focus on reference designs developed around specific sets of priority use cases. The scope of CRD testing typically focuses on solution functional verification with limited scale.

For more information about the CVD program, please see the Cisco Validated Designs at the following URL::  
<https://www.cisco.com/c/en/us/solutions/enterprise/validated-design-program/index.html>

Panduit Corp. is a world-class provider of engineered, flexible, end-to-end electrical and network connectivity infrastructure solutions that provides businesses with the ability to keep pace with a connected world. Our robust partner ecosystem, global staff, and unmatched service and support make Panduit a valuable and trusted partner.

### [www.panduit.com](http://www.panduit.com)

US and Canada:  
Panduit Corp.  
World Headquarters  
18900 Panduit Drive  
Tinley Park, IL 60487  
iai@panduit.com  
Tel. 708.532.1800

Asia Pacific:  
One Temasek Avenue #09-01  
Millenia Tower  
039192 Singapore  
Tel. 65 6305 7555

Europe/Middle East/Africa:  
Panduit Corp.  
West World  
Westgate London W5 1XP Q  
United Kingdom  
Tel. +44 (0) 20 8601 7219

Latin America:  
Panduit Corp.  
Periférico Pte Manuel Gómez  
Morin #7225 - A  
Guadalajara Jalisco 45010  
MEXICO  
Tel. (33) 3777 6000

SmartZone is a trademark of Panduit.

Cisco is the worldwide leader in networking that transforms how people connect, communicate and collaborate. Information about Cisco can be found at [www.cisco.com](http://www.cisco.com). For ongoing news, please go to <http://newsroom.cisco.com>. Cisco equipment in Europe is supplied by Cisco Systems International BV, a wholly owned subsidiary of Cisco Systems, Inc.

### [www.cisco.com](http://www.cisco.com)

Americas Headquarters  
Cisco Systems, Inc.  
San Jose, CA

Asia Pacific Headquarters  
Cisco Systems (USA) Pte. Ltd.  
Singapore

Europe Headquarters  
Cisco Systems International BV  
Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices).

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: [www.cisco.com/go/trademarks](http://www.cisco.com/go/trademarks). Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1721R)

Rockwell Automation is a leading provider of power, control and information solutions that enable customers to be more productive and the world more sustainable. In support of smart manufacturing concepts, Rockwell Automation helps customers maximize value and prepare for their future by building a Connected Enterprise.

### [www.rockwellautomation.com](http://www.rockwellautomation.com)

Americas:  
Rockwell Automation  
1201 South Second Street  
Milwaukee, WI 53204-2496 USA  
Tel: (1) 414.382.2000  
Fax: (1) 414.382.4444

Asia Pacific:  
Rockwell Automation  
Level 14, Core F, Cyberport 3  
100 Cyberport Road, Hong Kong  
Tel: (852) 2887 4788  
Fax: (852) 2508 1846

Europe/Middle East/Africa:  
Rockwell Automation  
NV, Pegasus Park, De Kleetlaan 12a  
1831 Diegem, Belgium  
Tel: (32) 2 663 0600  
Fax: (32) 2 663 0640

Allen-Bradley, FactoryTalk, PlantPAx, ProductionCentre, Rockwell Automation, RSLinx, Stratix, Studio 5000 Logix Designer, ThinManager, and ThinManager Relevance are trademarks of Rockwell Automation, Inc.

Trademarks not belonging to Rockwell Automation are property of their respective companies.

CIP and EtherNet/IP are trademarks of ODVA, Inc.