# NCS 1010 Datapath Orchestration

This chapter gives a brief overview of the datapath orchestration that is required for NCS 1010.

For an overview of the NCS 1010 OLS and passive modules, please refer to Cisco NCS 1010 Optical Line System -An Overview.


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## Document objective

The Cisco Network Convergence System (NCS) 1010 platform includes these configuration guides.:

- The *Cisco NCS 1010 System Setup and Software Installation Guide* describes how to bring up the NCS 1010 system and perform the required software installation.
- The *Cisco NCS 1010 Datapath Configuration Guide* describes how to configure various datapaths on NCS 1010.
- The *Cisco NCS 1010 Optical Applications Configuration Guide* describes multiple optical applications on NCS 1010 that help to bring up the link and maintain traffic.

## Document Organization - Data Path Guide

This document is organized into the following chapters:

| Chapter | Description |
|---|---|
| Configure Controllers | Describes the tasks to configure and view the parameters of the OTS, OTS-OCH, OSC, DFB, OCH, and OMS controller types. |
| Monitor Performance | Describes the setting and retrieval of PM counters for the OTS, OTS-OCH, OSC, DFB, OCH, and OMS controllers in flex-bin, 30-second, 15-minute, or 24-hour intervals. |

| Chapter | Description |
|---|---|
| Connection Verification | Checks the connection between the OLT-C line card and all the other passive modules to find broken links or loops. |
| Cisco NCS 1010 Topologies | Provides examples of a few NCS 1010 topologies for colored, colorless, and hybrid solutions. |