



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](#).

- [Document objective, on page 1](#)
- [Document Organization - Data Path Guide, on page 1](#)

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.