

# VCO/4K: E1 Signal Passing CRC Configuration

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## Introduction

This document describes the use of cyclic redundancy check (CRC) when you are passing E1 signaling into and out of the Cisco VCO/4K Open Programmable Switch.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

The information in this document is based on the VCO/4K.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

### Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

## Configuration

When you connect ports of one VCO E1 span to ports of another VCO E1 span, you do not have to configure the CRC to match on both spans.

**Tip:** The CRC field is present in the ICC PROGRAMMABLE TRUNCK CONFIGURATION screen and in the PROGRAMMABLE TRUNCK CONFIGURATION screen under the Card Summary screen.

You can enable the VCO to use inbound CRC (**CRC = on**) while the outbound CRC is disabled (**CRC = off**), or vice versa. CRC *must* match, however, between the network and the VCO, per span. For example, if the network span interface #1 has CRC enabled, the VCO span interface to which it corresponds must have CRC enabled.

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## Related Information

- **Voice Technology Support**
  - **Voice and Unified Communications Product Support**
  - **Recommended Reading: Troubleshooting Cisco IP Telephony**
  - **Technical Support & Documentation – Cisco Systems**
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