



# Videoscape Control Suite BSS/OSS Adapter (BOA) Service Configuration Guide

## Overview

### Introduction

The Business Support System/Operational Support System (BSS/OSS) adapter provides a unified interface to the back-end subscriber and billing systems typical of subscription-based service provider deployments. Because the BSS/OSS adapter is attached to the messaging fabric, the adapter can be co-located with the back-end systems in question. This eliminates the need for a separate billing system interface for each head-end control system.

### Purpose

This document describes how to configure the BSS/OSS Adapter (BOA) service for Videoscape Control Suite version 2.5.

### Audience

This document is intended for system operators and headend engineers who deploy the Videoscape Control Suite. Cisco field service engineers who help support the Videoscape Control Suite will also find the contents of this document useful.

### Prerequisites

Before you can use the procedures in this document, the following tasks must be completed:

- The Video Control Suite version 2.5 must be installed.
- The BOA COP file must be installed.
- The ECS COP files must be installed.
- The EC management must be transferred to the Videoscape Control Suite (VCS).

## Installation

See the following publications for additional information about this Videoscape Control Suite release:

- *Getting Started Guide for Videoscape Control Suite* (OL-27702)
- *Installing COP Files for the Videoscape Control Suite* (part number OL-27753)

## Document Version

This is the first formal release of this document.

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## Log into the Management Console

- 1 Open a supported browser (Internet Explorer 9 or Firefox 5).
- 2 Type the following command in the address bar and press **Enter**:  
`https://[VCS Management UI IP address]/`  
**Example:** `https://10.90.180.241/`  
**Result:** The management login page opens.
- 3 Type the root or BOA user **User Name** and **Password** and click **Login** to log into the console.

## Map the Explorer Controller

Define the Explorer Controller (EC) ID to EC VSNS mapping for the ECs that are registered with this system's Explorer Controller Suite (ECS).

- 1 From the Management Console, click **Services** and select **Billing Adaptor > Explorer Controller Mapping**.
- 2 Click **Create** to map the Explorer Controller.
- 3 Complete all of the following fields:
  - **Name** – Enter a unique name for this EC mapping. This should be a user-friendly name that uniquely identifies this EC.
  - **EC ID** – Enter the ID for the EC. This is typically the hostname or hostname alias listed in the /etc/hosts file for the EC.
  - **VSNS** – Enter the BOSS Virtual Space Namespace for the EC. This has the following format: cisco.dbds.ec.<ECS cluster ID>.<ECS ID>-boss
  - **Description** – Enter a short description of this EC.
- 4 Click **OK** to save your changes and create the mapping.

## Configure the Billing Adaptor

The Billing Adaptor Configuration Maximum Number of EC Mappings establishes the maximum number of EC Mappings that may be defined in the EC Mappings UI page. Define this value as a number greater than or equal to the number of ECs to be defined in the EC Mapping UI page.

- 1 From the Management Console, select **Services, then Billing Adaptor and Configuration**.
- 2 In the **Maximum Number of EC Mappings**, enter the maximum number of EC mappings that may be defined on this system.
- 3 Click **Update** to save your changes.

## For Information

### If You Have Questions

If you have technical questions, call Cisco Services for assistance. Follow the menu options to speak with a service engineer.



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