

How to Determine Component Types and Versions in an ICS 7750

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Introduction

This document describes how you can identify all the components you have installed in a Cisco ICS 7750 and how you can check the version that runs in each component of the chassis. The ICS 7750 chassis has six universal slots that can contain these:

- System processing engine (SPE) cards up to 5
- Multiservice route processor (MRP) cards up to 5
- Analog station interface (ASI) cards up to 5
- System switch processor (SSP);
- System alarm processor (SAP);
- Power supply modules up to 2

Prerequisites

Requirements

You need this software installed on a PC in order to connect to the ICS 7750 to perform the system management tasks by way of a hyper terminal or Telnet:

- Microsoft Windows 98, Windows NT 4.0, or Windows 2000
- Netscape Communicator 4.7 and/or Internet Explorer 5.01

Components Used

The information in this document is based on software release 2.1.0 supported in an SPE 310, with a keyboard port, video port, two universal serial bus (USB) ports, and a CD-ROM drive.

This list defines the versions for each of the components in the 2.1.0 release:

- Call Manager Version 4.1(2c)

- MRP IOS Version; 2.2(4)XL1, Early Deployment
- SPE 310 Running System Manager Version ICS Software Bundle 2.1.0, ICS System Manager: V3.0.29
- SPE 310 Running Core Software Version ICS Software Bundle: 2.1.0, ICS Core Software: V3.0.29
- SSP Version IOS Version: 12.0(5.2)XU
- SAP Version Image: AC1_0_6

This document assumes that your ICS 7750 chassis already has the SPE 310 installed with version 2.1.0 and uses the default password (changeme) and the default IP addresses (10.0.0.x/24).

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

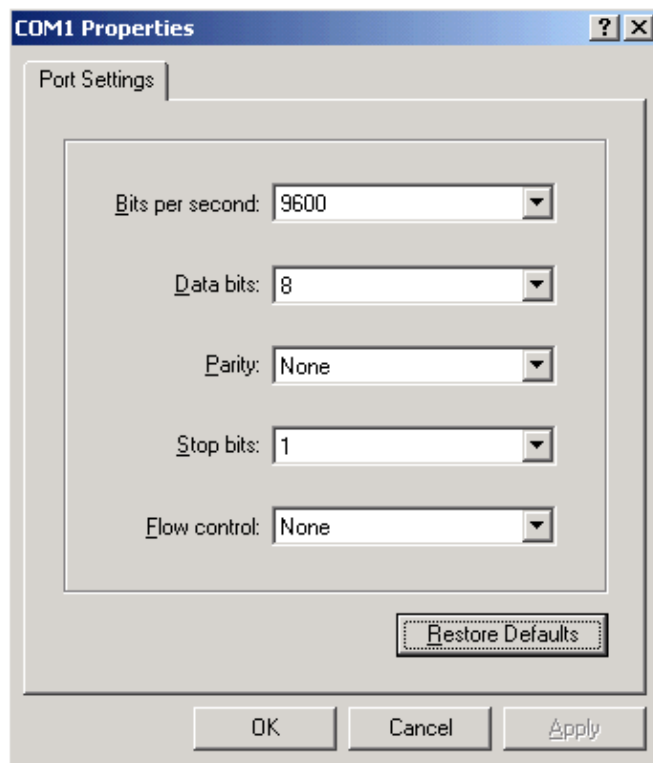
Refer to Cisco Technical Tips Conventions for more information on document conventions.

Tasks

Access the Processor Cards by way of the SAP Module

Complete these steps in order to access the processor cards by way of the SAP module:

1. Connect your PC to the console port in the SAP module and set the parameters as shown in this window:



2. Click **OK**.
3. Press **Ctrl** and **** simultaneously.

This information displays on the PC:

```

Please wait . . .
A. System Alarm Processor
B. MASTER System Processing Engine
C. System Switch Processor

1. Slot 1:
2. Slot 2: Multiservice Route Processor
3. Slot 3: Multiservice Route Processor
4. Slot 4: System Processing Engine
5. Slot 5: System Processing Engine
6. Slot 6: System Processing Engine
Make a selection to switch:

```

In this example, you can see in which slot each module is located:

- ◆ MRP cards slots 2 and 3
- ◆ SPE cards slots 4, 5, and 6 (in this scenario, all are SPE 310 cards)

Note: When you receive the ICS 7750 from the manufacturer, the SPE 310 that runs System Manager is positioned in slot 6. In addition, only one instance of System Manager can run in the chassis at any one time. All other SPE 310s must contain the core application software.

4. Choose the slot number of the installed MRP and introduce the password (default is **changeme**), then issue the **show version** command in order to check which version runs in the MRP card, for instance.

This information appears:

```

Cisco Internetwork Operating System Software
IOS (tm) ICS7700 Software (ICS7700-SV3Y-M), Version 12.2(1)XD2, EARLY DEPLOYMENT
RELEASE SOFTWARE (fc1)
Synched to technology version 12.2(0.11)T
TAC:Home:SW:IOS:Specials for info
Copyright (c) 1986-2001 by Cisco Systems, Inc.
Compiled Fri 20-Jul-01 21:17 by philuu
Image text-base: 0x800080E0, data-base: 0x80CF46B8

ROM: System Bootstrap, Version 12.0(20000705:170114) [mtluong-ics7750-MRP200-ROM
102], DEVELOPMENT SOFTWARE
ROM: ICS7700 Software (ICS7700-SV3Y-M), Version 12.2(1)XD2, EARLY DEPLOYMENT
RELEASE SOFTWARE (fc1)

MRP-000628536395 uptime is 2 days, 17 hours, 4 minutes
System returned to ROM by power-on
Running default software

cisco ICS7750-MRP200 (MPC860) processor (revision 0x602) with 65536K/16384K bytes
of memory.
Processor board ID JAD0522005R (991143879), with hardware revision 0000
M860 processor: part number 0, mask 32
Bridging software.
--More--

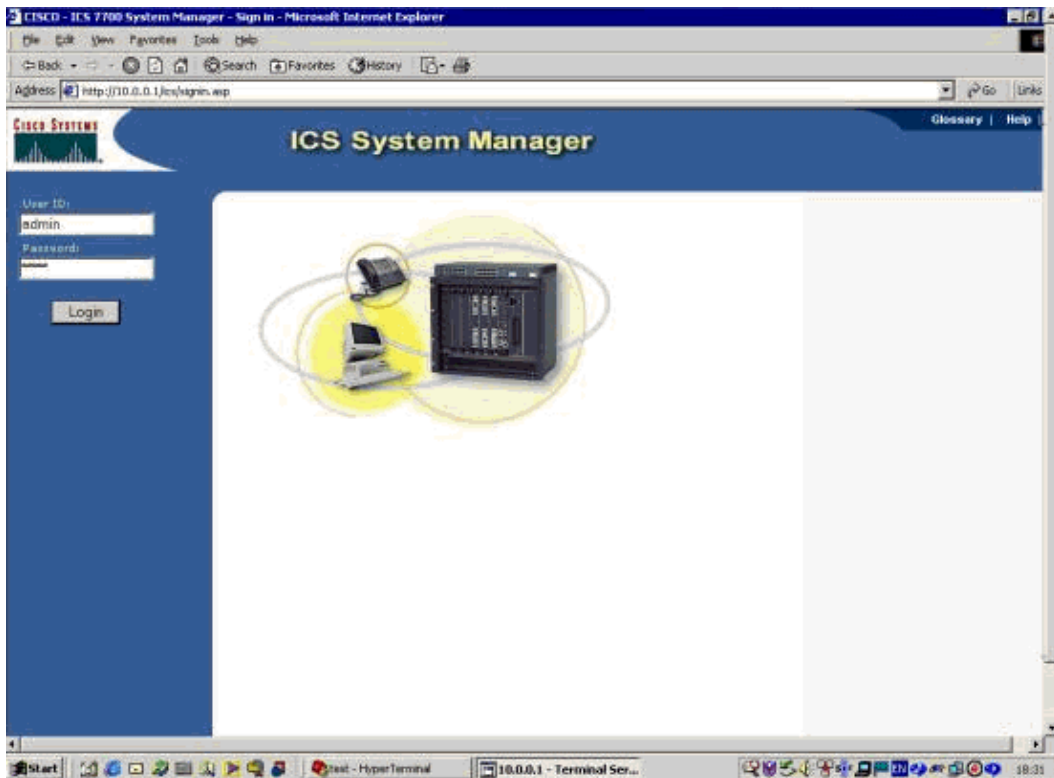
```

Access the ICS System Manager

Complete these steps in order to access the ICS System Manager:

1. From the PC, open a web browser and enter **http://<IP address of the SPE running System Manager>/ics**.

This window appears:



2. Enter the user ID and password (the default is **admin** for both), then click **Login**.

This window appears:

ICS 7750 System Manager is an integrated easy-to-use interface to Operate, Administer and Manage your Cisco ICS 7750.

Summary View (switch to [Detail View](#))

Slot#	Card Type / IP	Running Software
1	MRP 10.0.0.54	IOS Version: 12.2(4)XL1, EARLY DEPLOYMENT
2	MRP 10.0.0.55	IOS Version: 12.2(4)XL1, EARLY DEPLOYMENT
3	EMPTY	
4	EMPTY	
5	SPE 10.0.0.53	ICS Software Bundle: 2.1.0 ICS Core Software: V3.0.29 CallManager: 3.1(2c)
6	SPE 10.0.0.51	ICS Software Bundle: 2.1.0 ICS System Manager: V3.0.29 CallManager: 3.1(2c)
7	SSP 10.0.0.52	IOS Version: 12.0(5.2)IU
8	SAP	Image: AC1_0_6

Model: ICS 7750

Software Bundle:
2.1.0
Running since:
12/20/01 11:10:55 AM

The ICS Product Marketing team welcomes your suggestions for improving the functionality of hardware and software components of the Cisco ICS 7750. If you have ideas for new features or suggestions for existing ones, send us your wish list at: Feedback.Cics7750-wishlist@csco.com. Please provide details about how these changes will benefit your business and other ICS 7750 users.

After you have configured your system as described in the Cisco ICS 7750 Getting Started Guide, you can use the ICS System Manager to access, configure, monitor, and manage the Cisco ICS 7750 chassis.

The Software Bundle is shown on the lower left side of the preceding window. This identifies which version runs on your ICS 7750.

In this example, the software version is 2.1.0 which has run since 12/20/01.

From this window, you can also check which card type is in which slot, and which software version runs in each module in the ICS 7750. For example, the MRP in slot 2 runs version 12.2(4) XL1.

Note: This information in this window is critical for Technical Support to understand in order to troubleshoot issues that relate to the ICS 7750 chassis.

Access CallManager to View Detailed Information

Complete these steps in order to access CallManager and view detailed information about the CallManager:

1. Enter **http://<IP address of SPE>/ccmadmin** in order to access the CallManager.

Note: You can also access CallManager via terminal services or a direct-connected monitor on the SPE by going to **Start > Programs > Cisco CallManager 3.1 > CallManager Administration**.

This window appears:



2. Enter the user name and password in order to access the Web Admin interface and to log into CallManager as administrator. The default is **changeme**.

The Web Admin window appears:



3. Click **OK**, then click **Details** in order to view detailed information about CallManager.

Verify

There is currently no verification procedure available.

The Output Interpreter Tool (registered customers only) (OIT) supports certain **show** commands. Use the OIT to view an analysis of **show** command output.

Troubleshoot

There is currently no specific troubleshooting information available.

Related Information

- [Release Notes for the Cisco ICS 7750 for System Software Release 2.x.x](#)
- [Cisco ICS 7750 Getting Started Guide](#)
- [Cisco ICS 7750 System Description](#)
- [Cisco ICS 7750 Hardware Installation Guide](#)
- [Cisco ICS 7750 Software Configuration Guide](#)
- [Voice Technology Support](#)
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