



GLOSSARY

B

blank filler plate An empty panel used to fill vacant subslots on a SIP. For proper operation, a SIP should be fully installed with either functional SPAs or blank filler plates.

F

full-height Describes the dimension of a SPA that occupies two MSC subslots. The Cisco 7304 currently does not have any full-height SPAs.

FPD Field-programmable device. General term for any hardware component implemented on router cards that supports separate software upgrades. SPAs must have the right FPD version to function properly; an FPD incompatibility will disable all interfaces on the SPA.

FPD image package An FPD image package is used to upgrade FPD images. Whenever a Cisco IOS image is released that supports SPAs, a companion SPA FPD image package is also released for that Cisco IOS software release.

H

half-height Describes the dimension of a SPA that occupies one of the two MSC subslots. The Cisco 7304 currently has only half-height SPAs.

M

MSC Modular Services Card. An MSC is a platform-specific carrier card that inserts into a router slot like a line card. An MSC can hold SPAs in its subslots. The SPA provides the network interface.

The Cisco 7304 router is the only platform that uses the term “MSC” to refer to carrier cards that carry SPAs.

O

OIR Online insertion and removal. Feature supported by SIPs and SPAs allowing removal of the cards while the router and the cards are activated, without affecting the operation of other cards or the router. Although this removal can be done while the SIP or SPA is activated, it is generally recommended that you gracefully deactivate the hardware using the appropriate commands for your platform prior to removal of the hardware.

S

SFP Small form-factor pluggable optical transceiver. A type of fiber optic receptacle device that mounts flush with the front panel to provide network connectivity.

SPA Shared port adapter. A SPA is a modular, platform-independent port adapter that inserts into a subslot of a compatible SIP carrier card to provide network connectivity and increased interface port density. The SPA provides the interface between the network and the SIP.

slot Slot on the router where the carrier card or other hardware (such as a line card or another jacket card) is installed.

subslot Secondary slot on a carrier card where a SPA is installed. The primary slot is the chassis slot on the router.