



Cisco IOS 12.3 Software Upgrade Licenses for the Cisco 3700 Series Multiservice Access Routers

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Overview

This Product Bulletin introduces seven new software upgrade licenses for the Cisco 3700 Series Multiservice Access Routers. The upgrade licenses are tailored for the new software feature sets introduced with Cisco IOS Release 12.3.

Software upgrade licenses allow customers to migrate from one Cisco IOS Software feature set to another. Throughout the lifecycle of a Cisco multiservice access router, requirements for services and applications change. An example could be the decision to migrate from a Frame-Relay based VPN to an Internet-based IPSec VPN. In many cases, such a migration will require an upgrade of the Cisco IOS software feature set, adding advanced security features to the capabilities of the router.

Software upgrade license(s) together with the original router software license constitute the entitlement to deploy the new feature set. Note that purchase of a software upgrade license does not include delivery of the new software image itself. It can be downloaded from Cisco.com or it can be obtained from your Cisco partner or customer services representative.

Product IDs and Descriptions

The following Cisco IOS Software 12.3 software upgrade licenses are available for the Cisco 3700 Series Multiservice Access Routers.

Product ID	Product Description
FL37-IPV-SPSK9=	Cisco 3700 Series IP Voice to SP Services upgrade
FL37-ASK9-AISK9=	Cisco 3700 Series Adv Security to Adv IP Services upgrade
FL37-EB-ESK9=	Cisco 3700 Series Enterprise Base to Enterprise Services upgrade
FL37-SPSK9-AISK9=	Cisco 3700 Series SP Services to Adv IP Services upgrade
FL37-SPSK9-ESK9=	Cisco 3700 Series SP Services to Enterprise Services upgrade
FL37-AISK9-AESK9=	Cisco 3700 Series Adv IP Services to Adv Enterprise Services upgrade
FL37-ESK9-AESK9=	Cisco 3700 Series Enterprise Services to Adv Enterprise Services upgrade



Questions and Answers

Q. What is a Cisco IOS software upgrade license?

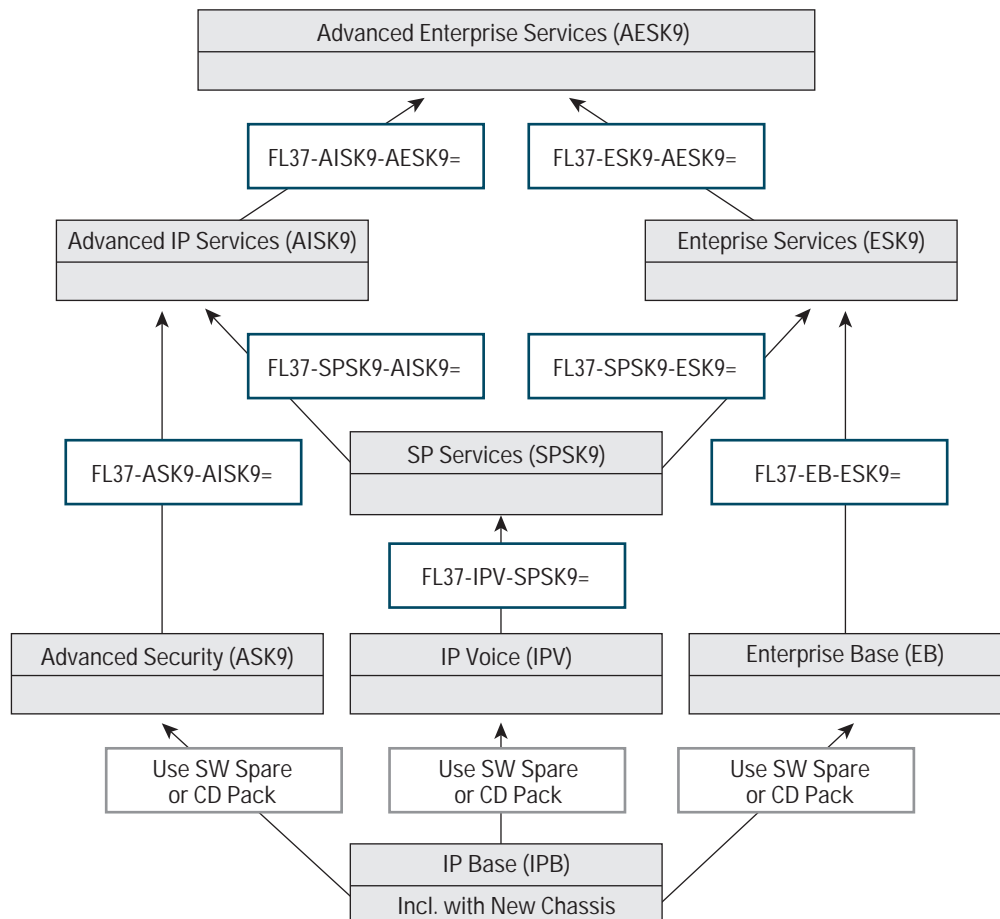
A. Software upgrade licenses allow customers to migrate from one Cisco IOS feature set to another. Throughout the lifecycle of a Cisco multiservice access router, requirements for services and applications change. An example is a decision to migrate from a Frame-Relay based VPN to an Internet-based IPsec VPN. In many cases, such a migration will require an upgrade of the Cisco IOS software feature set, adding advanced encryption and security features to the capabilities of the router.

Q. When do I purchase which Cisco IOS software upgrade license?

A. The diagram below shows how Cisco IOS software upgrade licenses support moves from one Cisco IOS Software Release 12.3 feature set to another. To understand the services provided by each feature set, please refer to [Product Bulletin No. 2093](#) for Cisco 3725 or [Product Bulletin No. 2094](#) for Cisco 3745. To determine the exact feature content of a feature set, refer to [Cisco IOS Feature Navigator](#) or [Cisco IOS Upgrade Planner](#). A Cisco.com account is required for the latter two URLs.

Figure 1

Cisco IOS software upgrade licenses superimposed on the Cisco IOS 12.3 Feature Set Structure.





Q. What are the physical deliverables of a software upgrade license?

A. The software upgrade license delivers a software entitlement document to the customer. It is a written record and should be maintained in a safe place. Ordering of a software upgrade license requires knowledge of the desired router platform and the current and desired feature set. There is no need to specify a particular software release.

Q. What does it replace?

A. The new Cisco IOS Release 12.3 software upgrade licenses do not replace any of the existing upgrade licenses. They are added to support feature set migrations in Cisco IOS Releases 12.3, 12.3T and onwards.

Q. How do I migrate from a Cisco IOS 12.2 Feature Set to a Cisco IOS 12.3 Feature Set?

A. This is not necessarily a matter of upgrading the feature set. The feature set structure changed with Cisco IOS Release 12.3. The supported migration paths from a particular Cisco IOS 12.2 Feature Set to comparable Cisco IOS 12.3 Feature sets is described in [Product Bulletin No. 2093](#) for Cisco 3725 or [Product Bulletin No. 2094](#) for Cisco 3745. Customers with a valid SmartNet contract can migrate along the supported migration paths free of charge.

Q. How do I combine an upgrade with the migration from a Cisco IOS 12.2 Feature Set to a Cisco IOS 12.3 Feature Set?

A. Customers with a valid SmartNet contract can opt for one of two paths:

1. Purchase a Cisco IOS Release 12.2 software upgrade license to obtain an interim Cisco IOS Release 12.2 Feature Set. The interim Feature Set should have the desired Cisco IOS 12.3 Feature Set listed as a supported migration path. Migrate to the desired Cisco IOS 12.3 Feature Set.
2. Migrate the Cisco IOS 12.2 Feature Set along a supported path to an interim Cisco IOS 12.3 Feature Set. Purchase a Cisco IOS 12.3 software upgrade license to upgrade to the desired IOS 12.3 Feature Set.

In both cases, the terms and conditions for the migration from Cisco IOS 12.2 to 12.3 are described in the response to previous question above.

Q. Why can't I find a software upgrade license for my particular upgrade path?

A. Upgrades are only supported along incremental paths, e.g. the addition of security features to the Enterprise Services feature set is supported by the software upgrade license to Advanced Enterprise Services (FL37-ES-AESK9=). Software upgrade licenses do not support the swapping of one technology for another, e.g. there is no upgrade path between Advanced Security and Enterprise Base.

In addition, each router product family has a number of special purpose Feature Sets for services like H.323 Gatekeeper, SNA Switching and IP to IP Gateways. Upgrade licenses from Enterprise Services to these special purpose Feature Sets are available for some, but not all, special purpose Feature Sets.

Q. Why do the software upgrade licenses have a K9 designator?

A. The software upgrade licenses provide entitlement to use Cisco IOS Feature Sets with a K9 designator, indicating the presence of strong encryption. Export controls on strong encryption (greater than 56-bit DES strength) vary according to type, strength, territory, end-use and end-user. Please visit our web-based [Cisco Encryption Sales Support Tool](#) to determine eligibility for Cisco strong encryption solutions. Send email to Export Compliance (export@cisco.com) for clarification. Please include the word "crypto" or "encryption" in the subject line to ensure proper routing of your inquiry.

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