



# Software Product Description

**PRODUCT NAME:** DSCVerifier for Macintosh  
Version 1.3

**SPD 63.46.00**

## DESCRIPTION

DSCVerifier performs PostScript® Quality Assurance based on Adobe's Document Structuring Conventions. With DSCVerifier, you can determine whether applications and PostScript drivers generate PostScript files that are good for production printing.

Good PostScript files are portable and will print on any PostScript printer, passing seamlessly through prepress and production printing. Bad PostScript files fail when moved to a different printing environment and require repair for production printing.

With DSCVerifier, you will gain control of your PostScript workflow. DSCVerifier includes comprehensive functions for diagnosing and repairing PostScript errors or creating a PostScript bill of materials. DSCVerifier is the ideal tool to ensure that PostScript files are ready for production.

A software license is required.

## PostScript File Testing Features

DSCVerifier provides the following PostScript file options:

### • Download

The Download test sends a PostScript file to a printer. The test supports the following major features:

- Automatically stops on PostScript errors, saving download time
- Comprehensive error handler
- Prints encapsulated PostScript files
- Suppresses printing while checking for errors

- Handles device-specific commands and limit checks
- Supports quick selection of printers from a pop-up menu

### • Edit Code

The Edit Code test displays the PostScript code for the selected file and lets you edit the file.

You can use the text editor on files of any size (limited only by system memory). The editor includes online help and supports General Regular Expression Parser (GREP) text searches. The editor has a 4 MB/second search speed (for exact case). Navigation features include skipping to the next or previous PostScript page.

### • Bill of Materials

The Bill of Materials test lists true PostScript code attributes, including needed fonts, spot colors, process colors, screens, device-specific commands, and modifications to the PostScript error handler.

### • Check Virtual Memory

The Check Virtual Memory test reports PostScript memory consumption. You can use this test to compare the efficiency of Adobe interpreters and PostScript compatible interpreters.

### • Check Syntax

The Check Syntax test performs a thorough check for spelling and grammar on DSC structured comments (lines beginning with %%). The Check Syntax test tells you whether your PostScript driver spells DSC comments correctly.

### • Check DSC

The Check DSC test checks the accuracy of DSC structured comments (lines beginning with %%). The test lists the differences between PostScript attributes reported in DSC comments and the actual (true) attributes. Check DSC also checks page-independence needed for electronic imposition (signatures) and DSC compliance.

- **Fix DSC Comments**

Run this test before sending a PostScript job to your prepress shop for production.

This test repairs DSC comments describing fonts, colors, and page-independence. Fix DSC Comments moves DSC comments from the end to the beginning of the file for easy viewing. The test also disables device-specific commands for reliable printing and repairs EPS file comments for proper operation with page-layout applications.

### Additional Features

DSCVerifier supports MacOS Apple Scripting, batch operation, and Luminous OPEN (formerly Adobe Open).

- **AppleScript**

This powerful System 7 extension allows Macintosh programs to control other programs. For example dragging a file on top of an application icon makes the file open in the application. DSCVerifier supports Apple events, such as drag and drop, that are required by System 7.

- **Batch**

DSCVerifier comes with a simple HyperCard application that provides batch capabilities.

- **Luminous OPEN**

Luminous OPEN is a PostScript workflow controller that uses a graphical pipeline model to sequence jobs through prepress production.

### CONFORMANCE TO STANDARDS

#### Adobe PostScript® Document Structuring Conventions (DSC)

DSCVerifier follows these standards as described in Appendixes G and H of the *PostScript Language Reference Manual*, Second Edition (Addison-Wesley, 1990).

### HARDWARE AND SOFTWARE REQUIREMENTS

To install and use the DSCVerifier software, you need:

- Apple Macintosh with 68020 or greater processor (includes Power Macintosh)
- Macintosh OS 7.1 or later
- Hypercard Player 2.3 or later for batch functions
- LaserWriter driver Version 7.x or 8.x
- Level 2 PostScript printer with direct AppleTalk connection (e.g. EtherTalk, LocalTalk, TokenTalk)

For the Download and the Check Virtual Memory tests, you can use either Level 1 or Level 2 PostScript.

**Note:** DSCVerifier requires printer conformance to PostScript language and AppleTalk networking specifications (see *INSIDE MACINTOSH - Networking*, Addison-Wesley Publishing Company, 1994). Use of DSCVerifier with PostScript compatible interpreters (clones) is not guaranteed. Print spoolers are limited to download functions.

### DOCUMENTATION

DSCVerifier comes with the following hardcopy and on-line documentation:

- *DSCVerifier for Macintosh User's Guide*
- Online help
- Adobe Acrobat version of the *DSCVerifier for Macintosh User's Guide*
- README document
- Adobe Acrobat version of the Document Structuring Conventions
- Adobe Acrobat version of the Encapsulated PostScript File format
- Sample EPS test file

### DISTRIBUTION MEDIA

RX32 disks

### ORDERING INFORMATION

Software Kit	Order Number
DSCVerifier for Macintosh 60-day Loan	QB-3J2AA-LD
DSCVerifier for Macintosh License	QB-3J2AA-SA

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