

Adobe® Reader® X: Improved security and reduced total cost of ownership



Adobe continues to make significant investments in Adobe Reader to help mitigate today's real-world risks while simultaneously reducing the total cost of ownership associated with deployment. Cyber threats are increasingly sophisticated and protecting intellectual property and networks are a constant concern. With the latest version, Adobe Reader X, Adobe made extensive changes to the underlying code base and leverages the latest security techniques. In comparison to previous versions, Adobe Reader X also delivers higher assurance and significantly reduces the need for urgent or frequent security patches. While enhancing application security, these improved update processes and simplified administration reduce IT management costs. Collectively, the security and deployment improvements enhance security and lower the total cost of ownership for your organization.

Application security

- Protected Mode, an implementation of sandboxing technology, limits the level of access to your system for all PDF files, safeguarding Windows desktops from malicious code that attempts to write to the file system, delete files, or modify system information.
- Tighter integration with built-in, always-on Windows® or Mac OS X security provides additional defense against attacks attempting to control desktop systems or corrupt memory.
- The Adobe JavaScript Blacklist Framework allows you to selectively disable specific JavaScript APIs for both Windows and Mac OS.
- The Adobe Secure Product Lifecycle process integrates security quality assurance activities such as code hardening, threat modeling, and fuzzing into every phase of Adobe Reader X development. To learn more, visit [Adobe Security](#).

Quarterly security updates

- The date of each planned update is announced in the preceding security bulletin. Visit [Adobe Security Advisories](#) for the current Adobe Reader X bulletin.
- Adobe follows a Patch Tuesday release schedule to resolve any security vulnerabilities accumulated since the previous patch released on the second Tuesday of a given month.
- Cumulative updates reduce the cost of provisioning new machines or updating machines that skipped the previous update.

Simplified administration

- Support for tools, such as Microsoft SCCM/SCUP, Apple Package Installer, and Apple Remote Desktop, streamline initial deployment and allow the efficient import, publishing, and automation of updates.
- Free tools, such as the Customization Wizard X and Administrator's Information Manager (AIM), provide greater control over enterprise-wide deployments (see [Enterprise Administration](#)).

PDF viewers are now part of the everyday business workflow. Today, Adobe Reader X offers the most advanced features to help secure and protect your data. Introduced in November 2010, Adobe Reader X has proven to be a strong response to the evolving threat landscape. Adobe encourages customers with security assurance requirements to accelerate their upgrade plans to Adobe Reader X to benefit from these improvements.

To learn more about Adobe Reader X, hear Brad Arkin, senior director of Product Security and Privacy at Adobe, on [Adobe TV](#), or visit [Adobe Reader Security](#). To learn more about the Acrobat Family, visit [IT Resources for the Acrobat Family](#).

