

PDF Module for viewone pro



The PDF Module uses technology licensed from Adobe to enable viewing and text searching of PDF documents directly within ViewONE Pro, without the need for a separate viewer.

The PDF Module also interoperates with the Annotations Module to allow mark-up of PDFs within ViewONE Pro, without end-user license fees or installation. It also works with the Permanent Redaction Server Module to offer 'burning-in' of redactions, offering the permanent deletion of sensitive data from a PDF without altering the structure or searchability of the document.



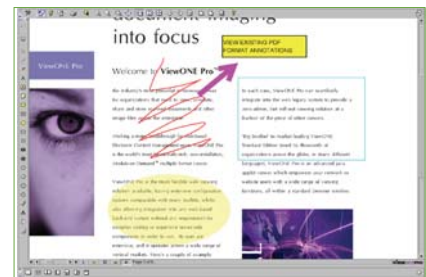
PDF Viewing & Annotation

The cross-platform portability of Adobe's PDF format and the availability of free PDF readers has seen the popularity of the PDF format rise to a point where it is ubiquitous throughout organizations of all sizes, in all vertical markets, and has become a genuine competitor to TIFF as the multipage document format of choice for both short and long-term document storage. This, however, places additional demands on IT to manage the roll-out and updates of a dedicated PDF viewing tool.

As an organization becomes reliant upon the sharing of PDFs, users often also request the ability to apply a wide range of mark-ups to their shared PDF files. Although viewers might be free for users, PDF annotation systems can be expensive to license across even a small user base.

ViewONE Pro solves the problems of roll-out and licensing with its PDF Module, which automatically deploys to users when first required and interoperates with ViewONE Pro's Annotations & Permanent Redaction Server Modules to allow users to apply the full range of mark-up, highlight and redaction tools to their PDF documents, with server-based licensing for low-cost scalability and genuine affordability.

ViewONE Pro's PDF Module utilizes technology licensed directly from Adobe to ensure complete compatibility and version currency. When viewing PDF files, if the document has already been annotated using PDF annotation tools, such as those within Acrobat Professional, ViewONE Pro will render these annotations to screen and will still allow ViewONE Pro's own annotations to be overlaid onto the document with the Annotations Module.



View PDF files (even those containing existing PDF format annotations) within ViewONE Pro



Apply mark-ups to PDF files within ViewONE Pro with the Annotations Module

Deploying PDF viewing

ViewONE Pro's zero-administration roll-out, which needs no local installation or privileges on the part of the user, is replicated for the PDF Module. The PDF Module will automatically cache to the designated local ViewONE Pro cache folder when first required. When a user clicks to view a PDF document, ViewONE Pro's Advanced Cache Manager (ACM) manages the download of the PDF Module to the local cache, where it is held and protected for all future use. Unlike other applet downloads, ViewONE Pro also offers a progress bar for the download and integration of the PDF Module to keep the user fully informed.

For existing ViewONE Pro users, rolling out PDF viewing to your entire user base can be as simple as copying the new license file into your v1files directory on the server. As soon as a user clicks to view a PDF, the module will automatically download to their cache.

Updates are just as easy: copy the new v1files folder onto your server and ViewONE Pro and its modules will automatically update the next time the user views a document. ViewONE Pro's innovative ACM allows customers to extend their ViewONE Pro implementation as their needs grow. The modular structure allows additional functionality to be delivered only to those users who need it, minimizing download wait times for all other users.



Optimized PDF viewing

PDF documents can often contain many embedded fonts and large, high resolution images which can slow document browsing. While output in full colour, it is often the case that a PDF is predominantly monochrome - e.g. a text document output from word processor files. Rendering each black and white page to 24-bit colour is unnecessary and merely delays the rendering to screen. Likewise, images output in press-quality high-resolution can also increase the time the viewer takes to render a page to screen.

For optimized document browsing, ViewONE Pro's PDF Module adds two new buttons to the ViewONE Pro toolbar - 'Change Number of Colors' and 'Change Image Resolution'.

These options do not affect the cached document itself, merely the level of information that ViewONE Pro has to process before it generates a screen output. The option to change from full colour viewing to monochrome or grayscale allows users to increase their viewing speed if colour rendering is not required. Likewise, if the page does not need to be rendered in fine detail at high resolution, users can elect to reduce the screen output resolution and significantly improve document browsing speeds.

Module Interoperability & PDF Streaming

Like all ViewONE Pro modules, the PDF Module is designed to work in conjunction with other modules to further enhance ViewONE Pro's capabilities. In addition to ViewONE Pro's Annotations Module, the PDF Module interoperates with the Document Streaming Server Module and the Permanent Redaction Server Module to offer optimized performance and extensive functional enhancements.

Working with the PDF Module, ViewONE Pro's Document Streaming Server Module delivers on-the-fly splitting of multipage PDF files into single pages, sending just the page/s requested by the user, thereby minimizing network traffic. In addition to extracting just the data needed for the required page, ViewONE Pro's Document Streaming Server Module also removes any unnecessary elements of page data prior to transfer, including unused (or already cached) fonts and images, further reducing the file size sent to the client. A PDF Text Searching capability is available via our simple and intuitive user interface. Coupled with our Document Streaming Server Module, users can perform text searches in large multi-page PDF documents, while taking advantage of a significant reduction in data transfer and network traffic. For more information about the Document Streaming Server Module and to schedule your own personal demonstration, please contact our sales team sales@daeja.com

The Permanent Redaction Server Module works with the PDF Module to offer the permanent 'burning-in' of redactions onto a PDF file, outputting a new PDF in which the blocked-out data is not just hidden from view by the redaction but has been permanently deleted. This removes the possibility of risk from file hacking or unauthorized access.

For more information about ViewONE and ViewONE Pro, please contact sales@daeja.com

The PDF Module to be used in conjunction with ViewONE Pro



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