

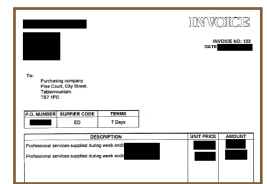


# Permanent Redactions with **viewone pro**

The Permanent Redaction Server Module works with the ViewONE Pro Annotations Module to deliver the permanent 'burning-in' of redactions (block-outs) onto any document format supported by ViewONE Pro, a list which now includes TIFF, PDF, MS Word, Excel and AutoCAD. The module outputs a new TIFF or PDF file for storage within your Enterprise Content Management (ECM) or Records Management (RM) system for safe distribution outside of the organization.

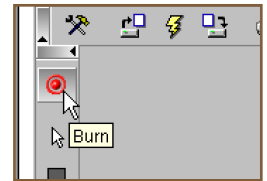
Developed specifically in response to customer requests, resulting from concerns over compliance with legislation concerning storage of records and Freedom of Information access, the Permanent Redaction Server Module allows the original version of the document to remain unredacted, while a non-editable, redacted version can be made available to those without appropriate security privileges to view the original.

ViewONE Pro's Annotations system was designed from the start to be web-optimized. Unlike some PDF and TIFF annotation systems, ViewONE Pro does not write annotation data into the file, but creates a separate, small text-based annotations or '.ant' file. This allows the annotations to be stored within a database for easy searching, and when saving annotations on a document, it is only the small text-based annotations file that needs to be posted back to the server rather than the entire original document. This provides a significant reduction in network traffic.



Protect confidential data

ViewONE Pro's Permanent Redaction Server Module uses the same low-traffic system when users click the 'burn' button. Instead of permanently applying the redaction on the client and then having to pass the entire document back to the server for storage, ViewONE Pro encrypts the redactions data locally and then passes just this small redactions file back to the Permanent Redaction Server Module. This then manages the burn process locally on the server, retrieving the document from the repository, applying the redaction, burning it in place and outputting a new TIFF Group IV image or text-based PDF (dependent upon the original file format).



'Burn' button

## Module Structure & Document Control

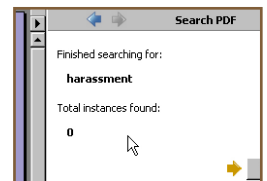
The Permanent Redaction Server Module incorporates three elements: i) an automatic client-side update to incorporate the 'burn' button onto the ViewONE Pro annotations toolbar; ii) the document control (a sample of which is supplied - see below) to initiate the burn process; and iii) the server-side Permanent Redaction Burn Library that actually applies the permanent redactions and outputs the finished files. (See Figure 2 overleaf.)

The Permanent Redaction Burn Library needs to be wrapped with a document control to interface with your Document or Records Management system, which you will need to create. A sample Java servlet document control is supplied which demonstrates what is required, which you can either adapt for your own use or replace with your own tool. Supporting information on the sample servlet can be found in the Permanent Redaction Server Module Manual.

## Supported Formats & Output Files

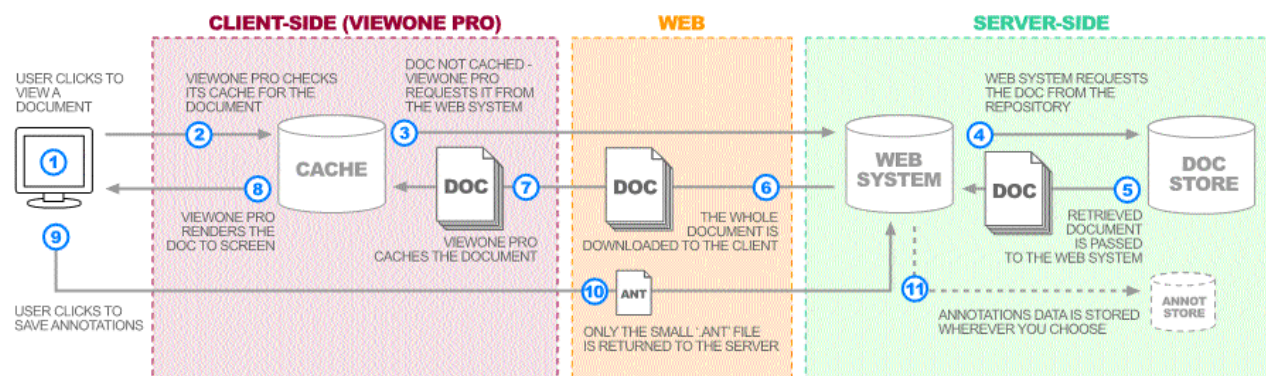
Whatever the format of the document being viewed (including any of the 300+ file formats permissible by the Universal Viewing Module), the user can burn redactions onto the document and output a TIFF file, with the redaction blacking out the appropriate location.

However, if your original document is a text-based PDF file, it may be important to retain both the PDF structure and the text searchability of the file. When working with text-based PDFs, you can also opt to output a redacted PDF file, a copy of the original, with the appropriate text (or images) not just covered by a redaction, but permanently deleted from the file, preventing its appearance in document search results.



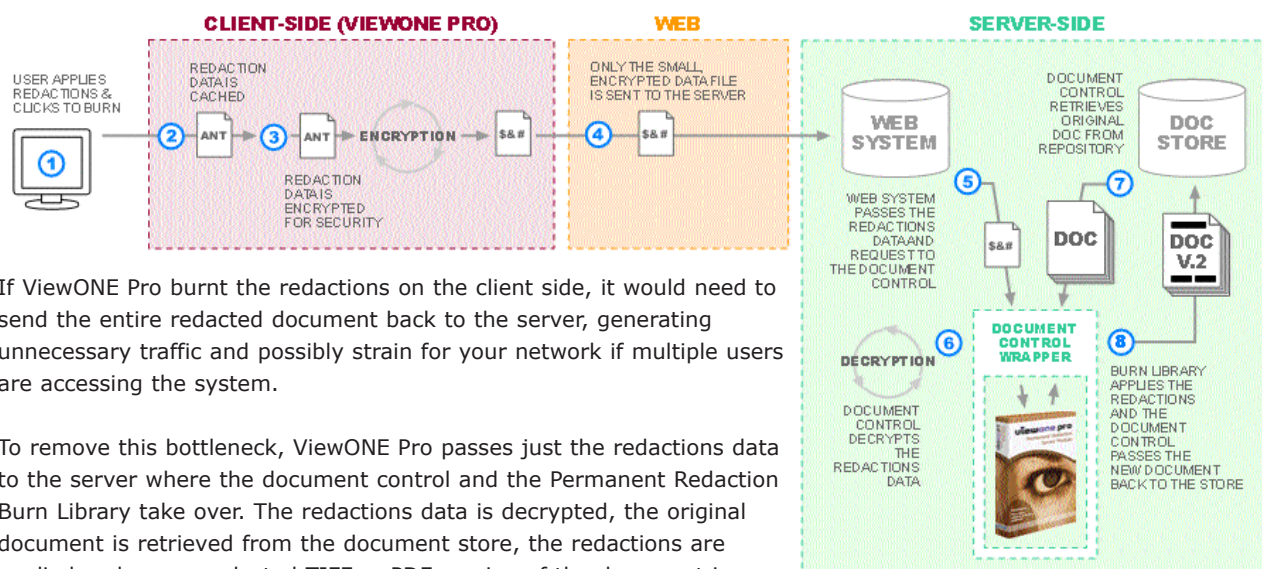
Redacted information won't be found by a text search

**Figure. 1 - The Standard Document Viewing & Annotation Process**



For optimized web performance, in standard viewing mode, ViewONE Pro pulls the whole document from the repository to the client PC where it is cached within the ViewONE Pro cache folder for viewing. If the user applies annotations to the document and saves them, the viewer only passes the small annotations file back to the server, rather than the entire document. This small annotations file can then be stored wherever you choose, for example, in a specific annotations database.

**Figure.2 - Redactions Burning Process**



If ViewONE Pro burnt the redactions on the client side, it would need to send the entire redacted document back to the server, generating unnecessary traffic and possibly strain for your network if multiple users are accessing the system.

To remove this bottleneck, ViewONE Pro passes just the redactions data to the server where the document control and the Permanent Redaction Burn Library take over. The redactions data is decrypted, the original document is retrieved from the document store, the redactions are applied and a new redacted TIFF or PDF version of the document is stored back to the repository. If all server-side elements occur on the same server, the whole server-side process can be achieved with simple I/O, without additional network load.

For repeat documents where the same areas need to be redacted on an ongoing basis, the Burn Library can also be configured to work in batch-process mode, requiring no client-side action.

**PERMANENT REDACTION SERVER MODULE PRICING**

**The Permanent Redaction Server Module to be used in conjunction with ViewONE Pro**  
**For full pricing information on all products including the Permanent Redaction Server Module and ViewONE Pro, please visit: [www.daeja.com](http://www.daeja.com)**



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