

Why Locklizard as your DRM supplier

The key features we offer you are: security, capability, functionality, and pricing.

Key protection functionality

- No unprotected file forwarding, copying, editing, Save or Save As
- Dynamic watermarking (user name, email, company) on screen and/or printout
- Screen grabbing resistance - stops print screen & common third party applications
- Prevents print to file, XPS, and PDF file drivers
- Limit the number of views and prints
- Document expiry (no. of views, days, fixed date)
- Document revocation
- Allow offline, or enforce online use – flexible checking options
- Logging available for document opens and print requests
- Restrict registration of licenses to a specific IP address or range of IP addresses
- No license sharing – licenses/documents are locked to specific authorized computers

Key service capability

- Admin Systems hosted by us can be up and running in 5 minutes
- Admin systems also available on your server (Windows/Linux) and under your own control
- Your documents are never disclosed to us for any reason (no uploading to servers)
- Your branding on Viewers, custom emails, custom messages, splash screen introduction
- Option to allow integration with web site for selling or administration purposes
- Option to protect documents in batch from a Document Management System or other automated document production system
- Publication concept that enables simple subscription management
- Optional NO installation USB Viewer (no Internet connection required, so no firewall issues)
- Optional NO installation Browser Viewer

Key pricing points

- No charge per file
- No charge per customer/user serviced
- No charging based on your own profitability
- Free Viewer with both domestic and corporate install options for both PC and Mac

Advantages over competitor offerings

As a fundamental part of our product design we have set out to avoid a number of common pitfalls that have been used by hackers to crack different DRM products:

- NO Plug-ins. We avoid plug-in methods because they are open to compromise from other plug-ins, may cause conflict with other plug-ins, cannot be validated, and require the same level of administrator privileges as any other type of program installation without returning useful control benefits. See [Adobe PDF plug-in vulnerabilities](#).
- NO JavaScript. JavaScript remains a common form of malicious attack through PDF documents. We do not allow JavaScript to run in our Viewer so there is not possibility of compromising user's computers - see [PDF security issues](#). 'Zero-footprint' solutions commonly use JavaScript.
- NO passwords are required or distributed to grant access to secure PDF content. Passwords have always represented a source of weakness in systems (they can be forgotten, written down, given away, stolen) so they have been designed out of the system in favour of cryptographic controls.
- NO temporary files. Secure PDF documents are only ever decrypted on-the-fly in memory. Secure PDF files are never saved to disk in temporary format or to the Windows swap file, thus avoiding one of the commonest exploits against applications that carry out local caching.
- NO self-extracting EXE files. Corporate IT departments do not allow people to download self-extracting .exe files or copy them onto their hard drives and then run them. You don't know what they are going to do, and there is no way of examining all their internals successfully with anti-virus to know if they are safe.
- We do not convert secure PDFs to flash in order to display them in a browser. Not only does this open up user's computers to vulnerabilities in the Flash Player, but, these systems generally use JavaScript to make up for features lacking in Flash.
- We incorporate a number of features to prevent code attack, code alteration and memory handling in order to prevent run-time alterations that might prejudice the operation of the code. Locklizard also use standard code signing technology so that installers may be confident that the application they are installing has been released by Locklizard and has not been infected with malware or other code to perform unauthorized exploits of the computer(s) it is installed on.
- Decryption happens on the user's local computer - we do not use remote servers where documents are decrypted and then sent over an SSL connection (a resource intensive and insecure method). Decryption keys are never sent with their documents.

- Users don't have to login to view your protected documents – they are transparently given access if this has been authorized.
- We can prevent use in thin client/terminal services environments so that a single license cannot be 'shared' across a whole network.
- You only ever need to protect a document once no matter how many customers you allocate it to, or whether you need to personalize it with individual user details.
- You don't need to know who the recipients are before you protect your documents.
- Assign access in one step to a group of documents, and implement system wide changes.
- Right-click in Windows File Explorer to protect files – you don't have to import files into an application.
- NO uploading of unprotected files to servers.
- We provide a highly sophisticated range of watermarking methods. You can specify different print and view watermarks, fonts, colours, and display locations, add you own text, add your own images, and add dynamic variables (username, company, date/time, etc.).
- Our screen grabbing protection uses a number of techniques to prevent grabbing of screen content including overwriting video memory, wiping the cache, preventing use of copy & paste, and displaying a screen mask if mouse focus is moved off the Viewer window.
- We prevent printing to file drivers including PDF and XPS files. This is one of the most commonest methods that users use to remove document protection.
- NO Adobe Acrobat updating. We don't have to update our PDF security Viewer every time Adobe updates Acrobat in order for it to work. We don't rely on the Adobe Viewer at any time, so format presentation is consistent.

Customization

You can customize the following items with your own branding information (company logo/text):

- Document splash screen
- Logo in the Viewer
- Custom license email that is sent out to your users/customers
- Unauthorized use and expiry messages

Our background

Backing that up we have the background, experience and history to demonstrate that we have the ability to supply and maintain systems in support of your requirements.

Locklizard was launched in 2004 by information and document management security specialists who have more than 60 years experience in the IT security, DRM (digital rights management), encryption and copyright protection industries, and more than 100 years IT experience.

We are the premier DRM suppliers for publishers, enterprises and governments, meeting and exceeding security requirements in the finance, auditing, semiconductor, training, publishing and analyst communities. Locklizard is focused on providing efficient, efficacious and effective DRM solutions, rather than supplying them as an add-on to other applications.

Our delivery experience

Our DRM software is easy to use, quick to implement, and effective. It is used worldwide by a diverse range of enterprises with quite different backgrounds and objectives:

- Information publishers who are selling content or ensuring compliance;
- corporates protecting trade secrets and board minutes;
- training companies protecting their courseware investments;
- service organizations controlling dissemination of their service and repair manuals;
- law firms controlling disclosure of evidence or bid/offer documentation;
- media businesses protecting scripts and casting information;
- universities controlling licensed reference materials

Please see a partial customer list at http://www.Locklizard.com/drm_security_customers/.

Buying from Locklizard, you are buying from a well established and respected expert supplier of DRM technologies with a significant client list to demonstrate the validity of our solutions. Our DRM software has passed stringent security tests, and many of our customers are established security experts in their own right.