



## Total Enterprise DRM Solution, DRM ONE

Based on Fasoo DRM Platform, Fasoo.com provides a total solution for Enterprise DRM, DRM ONE. In everyday corporate environment, documents are being used heavily here and there, created, circulated, modified, archived, sent out, and discarded.

The security requirements of document are quite complex as it naturally reflects the complicated enterprise-wide document flow. DRM ONE is the total solution that covers every inch of the complex requirement thoroughly without any hassle.



DRM ONE consists of six products and one ASP service. You will not fail to find one for your immediate need and another for your future requirements. You can implement Fasoo.com's Enterprise DRM in a sequential manner based on the prioritized needs that you have defined, without worrying about the incompatibility issue that might occur when adapting extra DRM systems. DRM is an important IT infrastructure of your company and it is not recommended to switch the DRM system back and forth. Therefore, it is crucial that you choose the right one -DRM ONE-at your very first DRM project.



Fasoo Enterprise DRM Suite

### Fasoo Enterprise DRM Suite

DRM ONE provides proprietary DRM system architecture that secures usability, flexibility, scalability and versatility for any environments.

### With Fasoo.com's DRM ONE Solution, enterprises can:

- Safeguard your intellectual property, R&D data, and other confidential information
- Eliminate unauthorized use and theft of electronic information
- Maintain continuous control over valuable information throughout its lifecycle
- Secure Email, attachments, and files on your PC and network
- Prevent or discourage unnecessary and costly lawsuits



The digital rights management (DRM) technology was initiated from mid 90's for the purposes of protecting rights of digital media content. Theoretical concept was also actively discussed on protecting classified documents of enterprises and organizations. However, actual implementation of the concept was first delivered by Fasoo.com in 2001 when FSD was released. Both Enterprise DRM (E-DRM) and Consumer DRM (C-DRM) shares the same DRM technology, however there are significant differences as shown in the following table:

## Document Security and DRM

DRM is not the only way to secure documents. Access Control and encryption are good enough to preclude any unauthorized person's direct access to confidential documents; however they fail to stop unlawful document outflow by authorized ones. The PC Security solution, which controls the media or channel of information outflow from PC, is inefficient and incomplete to secure documents because it is impractical to block the channel permanently.

DRM protects each document against information theft via copy & paste, save as, email, screen capture, etc., even when an authorized person is using it. DRM also enables to control the print, the number of use, and even the expiration date of a document. It is the most substantial tool to control a document finely and persistently.



	Enterprise DRM	Consumer DRM
<b>Authentication</b>	SSO, two-factor authentication	Simple authentication
<b>ACL (permission &amp; access privileges management)</b>	Flexibility required for dynamic changes	Not necessary
<b>Auditing/Tracing</b>	Required	Privacy issues
<b>Priority</b>	Document owner	
<b>Connectivity</b>	Existing ECM (KMS, EDMS, etc.)	Payment gateway, home networks , hardware, etc.

## Lifecycle of Document

Every document has its own lifecycle; from creation to distribution, archive, and discard. In order to apply security policy a document on user's PC and/or CMS (KMS, EDMS, etc.), the entire lifecycle of the document has to be closely observed and analyzed. In some cases, it might be enough to implement DRM only at the document creation phase. In other cases, however, DRM could be required at the document distribution phase as well. Many different systems are involved throughout the entire lifecycle of a document, and the security needs and demands vary dynamically depending on the document phase and systems.

Fasoo.com has developed a set of solutions for such variety of needs and demands. Using Fasoo.com's DRM ONE solution could automate and streamline business processes that span systems, business rules and departments with persistent security and authentication features to control who can view and interact with documents throughout the whole document lifecycle. Some of the solutions can be applied altogether in parallel at a site seamlessly to make the system more secure. Fasoo.com is currently supporting most of notable CMS (KMS, EDMS, etc.) and capable of supporting all types of CMS (at times, customization requires). If you have a complex document distribution environment, it is strongly recommended to consult with Fasoo.com's DRM experts for systematic consulting service to optimize your environment.

DRM ONE Products	System	Authentication	Range
FSD	KMS, EDMS, PDM, ERP	applied system	division, all
FSN	PC	authentication server	division, all
FSE	not applicable (Email)	Email account	all w/ Email account
FSF	file-server	Windows NT	division, workgroup

  

DRM ONE Products	Description
FSW	Persistent protection of Web content that provides flexible access privilege on any Web pages.
FSP	Print management solution that provides digital watermarking.