



## Right Management Services



### The Summary

Like many companies in highly competitive markets, company was facing the dual challenge of making information more secure and readily available. As the company's business expanded globally, so has its need to secure and safeguard sensitive information. Microsoft Windows Rights Management Services (RMS) for Microsoft Windows Server 2003 offered the perfect solution to meet the challenge. The implementation of RMS enabled organization's security strategy and policies by providing information workers with a flexible, easy way to better protect digital information they commonly create and use everyday.

### The Client

The client is country's largest private sector enterprise, with businesses in the energy and materials value chain. Group revenues add up to USD 20 billion. The flagship company is a Fortune Global 500 company. The Group's activities span exploration and production of oil and gas, petroleum refining and marketing, petrochemicals (polyester, fiber intermediates, plastics, and chemicals) and textiles. Company enjoys global leadership in its businesses, being the largest polyester yarn and fiber producer in the world and among the top five to ten producers in the world in major petrochemical products. The Group exports products worth USD 5 billion to more than 100 countries in the world. There are 25,000 employees on the rolls of Group Companies.

### The Business Requirement

As the country's largest private sector enterprise, they have operations worldwide, and it was critical for the company to come up with a solution for ensuring that confidential e-mails and documents go only to the people for whom they were intended, and that they stay within the company.

So the company was looking for the protective measure to secure and safeguard sensitive information.

### Project Summary

**Industry:** Manufacturing

**Client Profile:** Client is country's largest private sector enterprise

**Business Requirement:** Client needed a reliable way to manage and protect confidential e-mail and sensitive documents

### Solution

Implemented Windows Rights Management Services which enabled Organizations to safeguard Digital Information from Unauthorized Use

### Solution Benefits

- Improved information confidentiality
- Easy administration and management
- Productive user experience



# AG Technologies

## The Solution

Company evaluated several possible solutions, including Windows Rights Management Services (RMS) and later RMS was chosen as an easy-to-use solution for safeguarding documents and e-mail communications from unauthorized access.

Company teamed with AG Technologies to implement Microsoft Windows Rights Management Services for Windows Server 2003 to meet the company's business needs.

### Following were the key features of the solution:

1. Employee can easily create rights-protected information
2. Using common task management procedures within a familiar on-screen environment, users can easily assign usage policies to digital information, such as an e-mail message or document.
3. Custom-built templates can be used to easily apply predefined organizational usage policies.
4. Organizations can incorporate RMS into line-of-business applications which apply usage policies automatically, integrated into an existing workflow. And, through third-party solutions, organizations can also bring information protection to automated workflows.
5. Recipients, who are named by the information author, can open or view rights-protected information by using trusted computers, which have the Windows Rights Management client software installed, along with an RMS-enabled application or browser
6. Once the author creates a file and defines a set of rights and rules, the RMS-enabled application in conjunction with the Windows Rights Management client software creates a "publishing license" and encrypts the file.
7. The author can distribute the file in any preferred manner.
8. The recipient clicks the file to open it. The RMS-enabled application calls to the RMS server, which validates the user and issues a use license.
9. The application renders the file and enforces the rights defined in the use license.



## Technology and Tools:

### Operating System:

- Microsoft Windows Server 2003 Enterprise Edition

### Framework:

- Microsoft .Net Framework (C#,VB.Net)
- Microsoft Active Directory Services OR Passport Services
- Microsoft Exchange Server 2003
- RMS Server
- IRM Client
- Office 2003 Professional

### Database

- Microsoft SQL Server 2005

### 3rd Party integration:

- None

## The Solution Benefit

Rights Management Services (RMS) implementation offered excellent cost-efficiency, high user friendliness, and strong information protection capabilities. Few of the benefits are as follows:

1. **Increased Data Security:** Using the Rights management features of this Office Professional Edition 2003 solution, company employees now ensure confidentiality of their online business communications by applying permissions to both e-mail messages and documents created with the Microsoft Office System programs. These permissions can restrict the recipient's ability to read, copy, forward, save, and print protected content, based on the recipient's identity. Senders can also force recipient authentication, preventing unauthorized recipients from accessing the content.
2. **Fast Adoption and Excellent Ease-of-Use:** Adoption of RMS by employees did not take long. RMS allowed the easy encryption of documents in a single step." The additional effort of using RMS is minimal, and defining rights with RMS is menu-driven and intuitive. On average, opening a rights-protected document takes only two seconds longer than it does without rights protection in a document. Now, every employee can efficiently safeguard any Microsoft Office System document or e-mail message from unauthorized access. Employees can consult usage guidelines to determine whether a file should be made more secure with RMS. They can then decide who may read a document, print it, or forward it.



- 3. Security of Sensitive Content Even Outside of the Corporate Network:** To enforce information security policies outside of the company network as well as inside, company uses RMS also in communications with business partners. To facilitate rights protection in this context, the company uses the Microsoft .NET Passport service, which assumes a comparable role to that of Active Directory as the central authentication system within the company's network infrastructure. External e-mail exchanges are supported by an RMS Server provided by Microsoft. By using RMS, company can protect sensitive documents even in communications with partners.