

CROSS-VERTICAL

Ajila AG

Surentalstrasse 10, Enterprise, 6210 Sursee, Switzerland
Contact: Daniel Stöckli
Email: daniel.stoekli@ajila.ch
Phone: +41 (0) 41 921 97 90

Vertical markets: Cross-Vertical, Financial Services, Government, Manufacturing, Telecommunications



Adobe products supported



ENHANCED SECURITY FOR DOCUMENT MANAGEMENT SYSTEM

Typical customer scenario

Most companies are faced to the common problem that on the one hand side internal information has to stay where it is and on the other hand to share it with a well known group of people. Over time people and partner could change but the corporate secrets will have an immense and constant importance to the company.

Adobe LiveCycle Rights Management ES allows us to enhance security issues inside and outside the company borders (firewall).

Challenges solved with the solution

- Sensitive document based information worldwide available as encrypted electronic PDF documents
- Personalized documents with forename and name as watermarks on each single page
- Different level of usage rights (allowed printing, changing, copying, ...)
- Opportunity to revoke already distributed documents (document will be worthless)
- A group of documents can be viewed only within the intranet
- Online and offline usage of encrypted documents

Customer benefits\ROI\Results

- Very high protection level of corporate knowledge and secrets
- Reduction of industrial espionage
- Decrement of violation
- Allowing partners to participate in using internal documents without losing control

ABB Turbocharging is the world leader for turbocharging diesel and gas engines above 500 kW. More than 180'000 ABB turbochargers are globally installed on ships, power stations, locomotives and heavy vehicles.

Worldwide service centres, employees and partners need to have access to internal documentation for developing, installing, supporting and maintaining the turbochargers. All this valuable information like descriptions, technical graphs, 3D-models, parameter settings or installation instructions need to be protected very well considered.



ABB Turbo Systems

The main target of the project is to make this information controlled available to the right group of people (Employee, Partners) in a certain time frame. The challenging part is to allow access to the documents and at the same time to eliminate violations.

How does this work?

All documents are published by a group of redactors and distributed over a user based access controlled Document Management System (DMS). The user authorizes against the DMS database, looks up the appropriate document and downloads it. The DMS itself knows the authorized user, watermarks every single page with forename and name using *Adobe LiveCycle Assembler ES* and encrypts the document with an online policy using *Adobe LiveCycle Rights Management ES* on demand. Once the user opens the document *Adobe Reader* establishes a secure connection to the *Adobe LiveCycle server* to encrypt and display the watermarked information.

What did we achieve?

First, documents can only be opened within the ABB intranet because the *LiveCycle Servers* visibility is internal only. This means that documents sent to anybody by email cannot be opened because of the missing secured connection to the *LiveCycle server*. Therefore

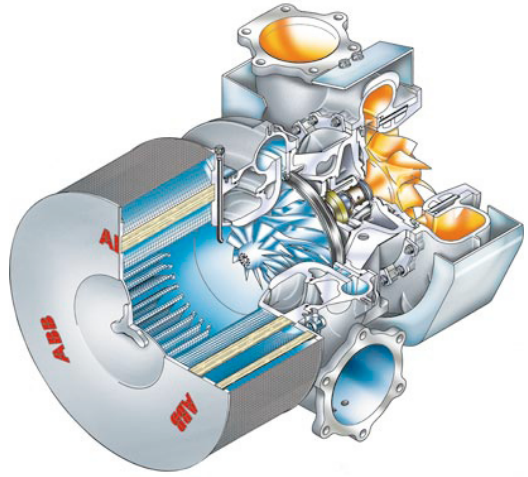


ABB Turbo Charger

the document will not be decrypted.

Second, any copies of the information like photographs, print-outs or screenshots contain the personalized information name and forename of the user. It is a very complex and time consuming task to remove the watermarks on hundreds of pages.

Third, any published and distributed document can be revoked at any time. Either for some reason a certain document cannot be opened forever or the new download link of the documents new version will automatically be displayed by *Adobe Reader*.