



## The Digital Right Manager – At a Glance

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ControlSphere DRM is a centrally managed client-server solution for confidential data protection. It secures sensitive company data by not only encrypting user workspace, but as well protecting files and company data from unauthorized copying and distribution by employees.

ControlSphere DRM allows employees to work with company data using their standard programs and tools. At the same time they cannot export, print, send out or even exchange the sensitive data through clipboard to unauthorized locations or programs.

In addition to the protection function, ControlSphere DRM provides convenient permission-based data exchange functionality between company employees and administration.

## Intellectual Property – The Risks

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Data and information protection has never been that important as today. Companies spend millions of dollars safeguarding their intellectual property and sensitive documents, but losing this battle.

The most typical today's risks for companies are:

- Employees can unintentionally or maliciously send inner data out.
- By leaving the company, practitioners or employees can take sensitive data with them.
- Employees can lose their portable computers or storage devices.
- Competitors can spy or bribe company staff to steal inner data.
- Computer viruses or malicious software can delete or export the data.
- A hacker can steal company data over the Internet using exploits or security holes.

As a result proprietary company data can become available to competitors and other 3<sup>rd</sup> parties, with all the consequences to company business.

## The Modern Answer

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ControlSphere **D**igital **R**ight **M**anager (DRM), the latest generation of intellectual property protection solutions, is capable of preventing these threats.

The software prevents confidential data from being illegally copied, printed or distributed in any possible way. The data cannot leave the virtualized encrypted environment created by ControlSphere, ensuring its safety.

Confidential data is stored on an encrypted virtual drive container, which can reside on a local or a removable (flash) drive, allowing true employee portability within an enterprise. Encryption keys are centrally controlled and distributed to employees by centralized ControlSphere server upon initial authorization.

ControlSphere DRM protects the employee's data in a seamless manner, not even forcing them changing their habit or programs they are using. It brings minimal (if none) complexity to its users, allowing secure access to sensitive data from both company and (optionally) home locations. ControlSphere DRM is compatible with most existing pre-installed software on the protected computers.

All programs, running within the virtual DRM environment, can access and update the sensitive data. No programs running outside of the virtual DRM environment can access or retrieve this data from the "DRM-enabled" instances of these programs.

Each DRM container drive can be (individually or centrally) configured by an administrator. This includes the data itself, access policy and programs allowed for use within the secure DRM environment. Many programs for the DRM environment can be distributed with the DRM environment itself, avoiding the need of local software installation.

The sensitive data can be exported from the encrypted DRM environment and safely exchanged with management personnel or colleagues (if allowed). Management personnel can remotely create updates for DRM users as well.

At the same time employees can work the way they usually do with other (non-DRM) data stored outside of the DRM environment, using e-mail and Internet communication programs. These programs will not be able to access the DRM data though.

Usage of ControlSphere DRM can be easily combined with a standard ControlSphere security solution for ultimate employee authentication. The combined solution would offer complete Windows password management (extended SSO) and/or secure Windows logon and session protection features for DRM users. Employees would never need to remember any passwords and other authentication data to logon to Windows, WEB sites, all programs running on their computers and the DRM environment itself. More information can be found in the ControlSphere product description.