GUARANTEEING DATA CONFIDENTIALITY ON ONEDRIVE™

Case of an international telecom operator wishing to protect user data stored and shared in the Cloud

REQUIREMENTS

Having to manage sensitive information, the need for confidentiality has always been an important issue, and **the outsourcing of data storage has reinforced this need for security.**

The Cloud service is already widely deployed: **encryption must therefore be integrated without a break in services and without changing users' habits.**

The solution must address several major criteria:

+ Guarantee the confidentiality of data against external as well as internal threats;

+ Integration in OneDrive™, the on-line storage service chosen by the company;

+ The encrypted data must be accessible from all media (PC, web interface, smartphone and tablet).

This group also wishes to **share documents in a simple and secure manner with outside contacts.**

SOLUTION

The customer decided to deploy **ORIZON** on all of the group's workstations and mobile terminals, enabling the **automatic and systematic encryption of all data sent to the Cloud,** without user interaction.

EXPERIENCE

USERS

ORIZON allows **internal users** to share certain sensitive data with the outside world: Guest access can be updated in real time and under the control of the Security department. Users must only file documents in the shared folders created for this purpose on OneDrive™. The share link is automatically sent to the desired contacts and opens via

the **ORIZON Guest** application (for Windows, Mac, Android or iOS). No licence or administration rights are required. External users must then provide their secret code to access the shared documents.

INFORMATION SYSTEM SECURITY

Definition of security policies to impose encryption on all the company's OneDrive™ synchronised spaces.

CIO

Deployment of the MSI package on the domain workstations.

✚ BENEFITS

The solution is only installed on user terminals and **does not require any particular infrastructure**. It can be used with **passwords or certificates (PKI)**.

ORIZON makes it possible to opt for a Cloud storage solution, without compromising data confidentiality: **no data transit via or are stored in the Cloud unencrypted.**

The data is encrypted for IT departments, between users and for the Cloud supplier.

Lastly, **ORIZON is not dependent on the Cloud storage service** Despite today using OneDrive™, the customer could quite easily migrate to another service tomorrow, without the encryption solution being called into question.

ORIZON