

USE CASE



CRYHOD



ZONECENTRAL

ADMINISTRATION

SECURING ALL THE TERMINALS OF A GOVERNMENT DEPARTMENT

Case of the French Ministry of the Interior*



“The Ministry of the Interior provides security for the French population against a variety of risks on a day to day basis. The resources deployed must constantly adapt to rapidly evolving threats, new forms of crime and terrorism and technological developments.”

REQUIREMENTS

The Ministry is conducting an ambitious project to secure its information system over 3 years, with one objective: **protecting its office software data up to Restricted level**. “For information and communication systems, the projects supported [...] focus on several priorities [...] **including the strengthening and securing of IT infrastructures via network and workstation encryption.**”

In the first wave, it is planned to encrypt all workstations fitted out with Windows operating systems (more than 110,000 computers). In a second phase, workstations equipped with a Linux operating system will in turn be encrypted.

SOLUTION

To this end, the French national information systems security agency (ANSSI) procured, for the Ministry of the Interior, the **CRYHOD and ZONECENTRAL solutions, deployed on all its computing equipment:**

+ **CRYHOD** to guarantee the confidentiality of information **in the event of data theft or attempted espionage;**

+ **ZONECENTRAL** to protect information stored in local folders and in shared spaces, as well as information sent outside the Ministry;

+ **ZED!** and **ZEDMAIL**, to secure data exchanged with external recipients (e-mails, USB drives, external hard drives, on-line shares, etc.).

The definition of security policies ensures that **data encryption is automatic and unavoidable.**

EXPERIENCE

On the user side, the smartcard PIN code must be entered when the workstation starts up, allowing users to decrypt their drive, access their session and work with the data encrypted by **ZONECENTRAL.**

+ BENEFITS

CRYHOD, ZONECENTRAL and ZED! are **EAL3+ CC Certified** at Standard level by the ANSSI and therefore afford protection for information marked **NATO Restricted / EU Restricted.**

When accessing a server via the network, the data passes encrypted. Files are encrypted/decrypted directly on the user's workstation.

Lastly, **CRYHOD and ZONECENTRAL reserve information access to authorised users identified via their agent card** (microprocessor pass from the Ministry).

*All the text in this document comes from the Ministry's Press Kit released for the meeting in July 2016 between the Minister, Bernard Cazeneuve, and "the Ministry of the Interior's Security Partners", one of whom is PRIM'X.