

## USE CASE

# SECURING POLICY FILES SHARED BETWEEN DIFFERENT ENTITIES

*Case of a civil service managing, with local branches throughout France, personal information on political leaders*

## REQUIREMENTS

Given the geographical dissemination, **the solution must be simple to implement and must make use of each official's authentication hardware** (cryptographic smartcard complying with CSP/PKCS#11 standards and with proprietary middleware).

The solution must be capable of **preventing any external party (ISP, host, mail server, etc.) from reading the information exchanged**.

Furthermore, the political and national nature of the data involves a high level of security and **is subject to State approval processes**.

Lastly, the distribution and storage channels must be flexible: e-mail, collaborative file shares, physical devices, etc., and it is desirable for files to be kept in encrypted containers with right-to-know management.

## SOLUTION

The customer selected the **ZED!** solution for sites transmitting data, with the software being **CC EAL3+ certified, Standard Qualified** by the French national agency for information system security (**ANSSI**) and authorised to protect information marked **EU Restricted / NATO Restricted**.

Its add-on, **ZEDFREE**, was in turn put in place for the data recipient sites.

The products were selected because **they protect the transportation of information in encrypted containers**.

## BENEFITS

The add-on product **ZED>API** enables the **automated production of encrypted containers** and the centralised processing of their contents.

Lastly, the add-on product **ZEDFREE** enables **the contents of a .ZED container to be consulted while preserving the security level**. **ZEDFREE** is, as its name suggests, a free, multi-platform solution that is easy to use and compatible with sophisticated mechanisms such as cryptoprocessor passes.

