IIM SERVICES AGENCY

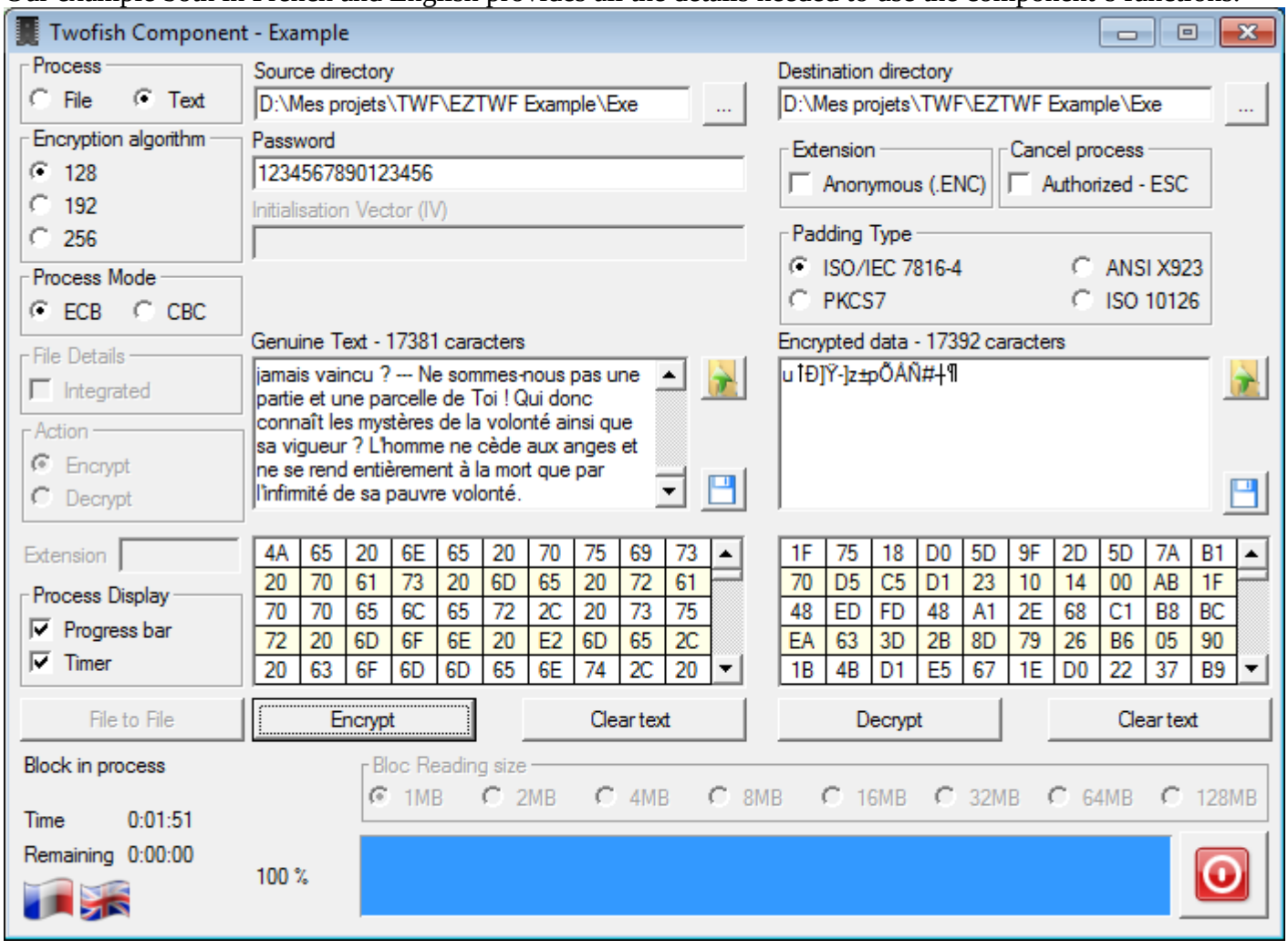
Utilitarian Component

EZTWF

Text and files encryption using the TwoFish I - II - III protocol

EZTWF has been developed in order to bring a solution for security needs, when protecting sensitive data is mandatory either on storage, either on transferring them through a physical media or through Internet. This component allows linking any application developed with Windev and brings an easy way to have a standard between your softwares. It does provide three encryption options : TwoFish I - II - III, using a 128 bits block size, a key of 128 bits, 192 bits, or 256 bits. It was a finalist for the AES competition. No attack was able to be applied to the protocol. The exhaustive search remains the only means to break it. It seems in any case more resistant than what had initially been announced during the AES competition. Two modes are available, ECB and CBC.

Using this component is very easy. All is done through simple calls to the encryption and decryption functions. You have the possibility to display a progressbar , and / or time counter showing the treatment remaining time. Our example both in French and English provides all the details needed to use the component's functions.



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