AES INES

INES in a few words ...

INES is a polymorphic symmetric cryptography technology developed by JLMorizur Engineering (JLME).

Choosing a symmetric cryptography solution eliminates the need for a trusted third party and enhances confidentiality of exchanges.

The polymorphic dimension reinforces protection level. It makes it possible to dynamically reassess encryption conditions for each data packet. Thus, brute force decoding becomes inoperative.

INES relies on protection keys implementing random functions randomly distributed. Protection keys can then be up to 266,240 bits long.

Beyond cryptography, the technical solution is designed to implement massively parallel processing based on Grid Computing technology. This technology makes it possible to process many encryption requests in parallel and to accelerate computation time to protect large files.

What's the point?

Our purpose is to support "Cloudization" of the world, and to strengthen privacy protection and trade secret at large. This technology makes it possible to protect data, workspaces, transactions, flows, communications on a network, etc.

Operational solutions already integrate INES

Protect Box allows you to protect files or workspaces. If your computer is lost or stolen, decoding of protected data will not be possible. Protecting your workspace reduces the consequences of a malicious intrusion to steal your data.

Protect & Push secured files exchanges. Files are encrypted and sent to any recipient. Access to your content can be reinforced through two factors authentication and/or use of an additional private key.

Protect & Stream, awarded at the 2019 SATIS Trade Show in Paris, protects in real time streams. This service makes it possible to implement end-to-end encrypted video conferences, without going through a server hosted in the Cloud.