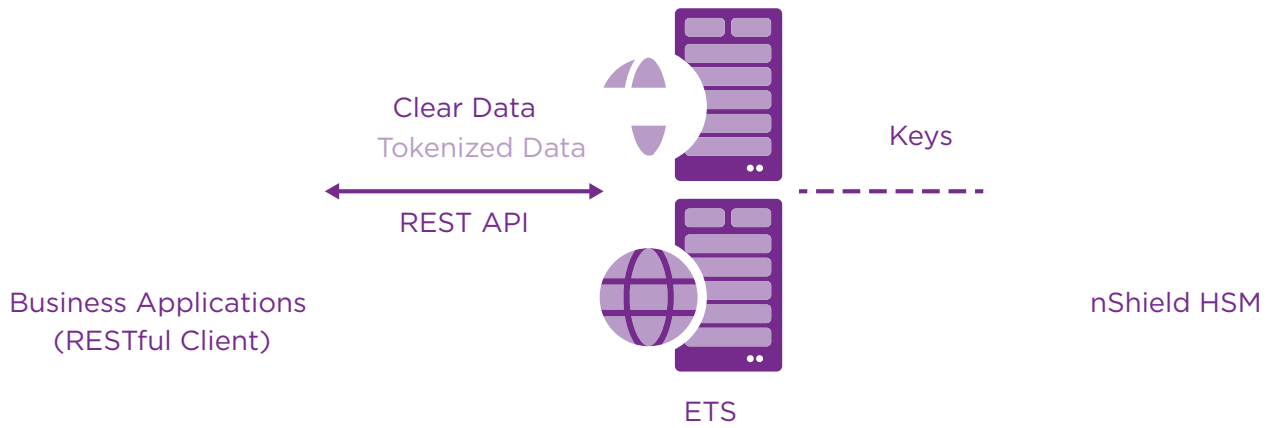


Entrust tokenization protects sensitive data with  
format-preserving encryption (FPE) using a deterministic, symmetric encryption algorithm.

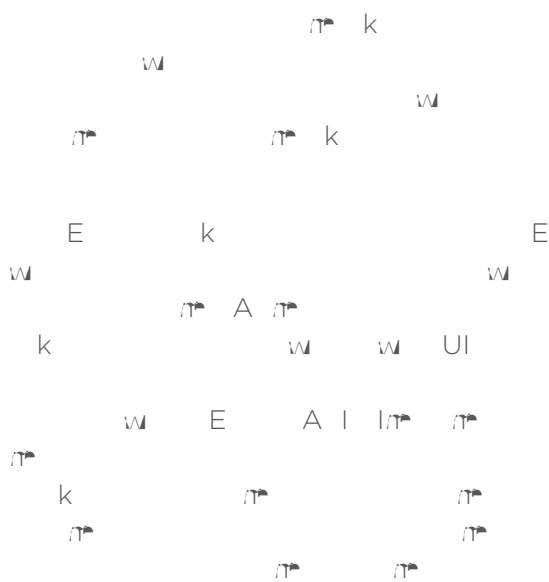
except through secure de-tokenization. The underpinning cryptographic keys are protected by FIPS and Common Criteria certified Entrust nShield hardware security modules (HSMs) and the solution is designed to fulfill the compliance requirements of personal data protection laws. The Entrust tokenization solution supports nShield HSM module, softcard, and key protection options



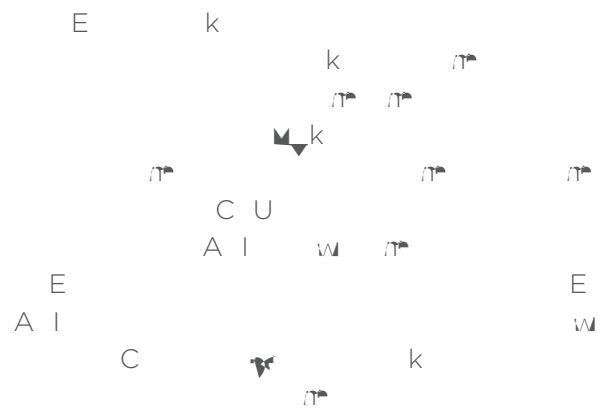
## Encryption vs. tokenization formatting



Plain text data is converted to format-preserving tokens with the underpinning cryptographic keys protected by certified nShield HSMs



## Cloud-ready application





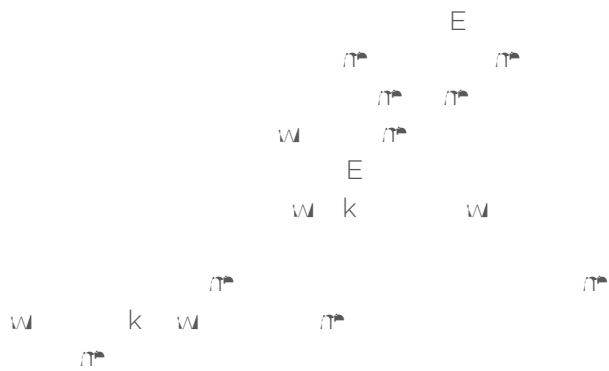
## The Entrust Professional Services difference

## Learn more



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To find out more about  
Entrust nShield HSMs

Entrust nShield HSMs  
are available in a variety of  
form factors, including  
rack-mountable, server  
insertable, and USB  
modules.



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Global Headquarters  
1187 Park Place, Minneapolis, MN 55379

U.S. Toll-Free Phone: 888 690 2424  
International Phone: +1 952 933 1223