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BlackICE Connect

by gradient

Simplify the use of cryptographic keys in Azure Key Vault



BlackICE Connect by Gradiant allows applications using standardized cryptographic interfaces to transparently use cryptographic keys provided by Cloud services.

Cloud services providers, like Azure, offers secure key management services that store the keys in Hardware Security Modules (HSMs). This way there is no need to provision, configure, patch, and maintain HSMs and key management software which will lead to a significant reduction in costs. The Cloud will also provide scalability and availability to meet applications requirements and match peak demand.

Using BlackICE Connect, applications will achieve the benefits of Cloud key managements services without adding a line of code.

**BlackICE
Connect**
by gradiant ▶

Highlights

- ✓ Effortlessly transform your application to make the most of Cloud key management services
- ✓ Improve key security without the hardness and costs of HSM's provision and management
- ✓ Let your application grow without worrying about scalability and availability issues.

Our solution is suitable for e-Government, e-Health, Banking, Trust Service Providers, among others.

Technical Details

BlackICE Connect supports the following cryptographic standards and Cloud services:

- ✓ CNG-KSP
- ✓ PKCS#11
- ✓ Azure Key Vault

Integration Requirements

The customer will need an active Azure account.



**Transparently
use of Cloud key
management**



**Integrate your applications
with Azure Key Vault
without modifying any line
of code**



**Scalability and
Availability**



**Key security without
the hardness and
cost of on-premises
HSMs**