

Pervasive Encryption: Protect Your Mission Critical Data Now

Having the right encryption solution is so important — make sure all your data is encrypted for total safety from all threats across all data within your enterprise.

The Challenge of Protecting Data in Core Business Applications

Data breaches can be devastating to a business operationally and financially. Extensive application changes needed to do encryption at the application level, prevents you from protecting your data. The cost of enabling encryption in different layers of the stack is in the double digits and that is cost prohibitive.

Why is it Needed?

Pervasive Encryption provides trust, which is the most crucial component of successful business interactions. With data breaches becoming a prevalent occurrence, safety of data is foremost on client's list of priorities and their customers. Pervasive Encryption simplifies the implementation of enterprise-wide encryption in-flight and at-rest. This level of security is particularly essential in highly regulated industries like insurance, finance and healthcare, and public sector agencies, who must comply with HIPAA, FIPS, PCI-DSS and GDPR regulations that require advanced protections like Pervasive Encryption.

What are the Benefits

- Meet audit and compliance obligations
 - Organizations no longer have to encrypt only data for compliance and can encrypt all applications and database data
- Protect data in core business applications
 - Without making any application changes with no impact to SLAs
- To protect unstructured data objects
 - Allows companies to protect all customer data including those that reside as objects within the database
- To reduce the threat from within
 - With Pervasive Encryption, you can limit the number of users that have access and control of the data

Our Clients Are Able to:

- Reduce risks from undiscovered or misclassified sensitive data
- Raise the effort for attackers to identify your sensitive data
- Increase the security for all of your organization's digital assets
- Slash the cost of compliance



↑\$290k

The average cost increase of a breach was 290,000 dollars due to system complexity.

↓\$3.2M

The average loss in a data breach was 3.2 million dollars.

↓25K

The average number of records lost in a data breach was 25,000 dollars.

Use Case: Protect data in core business applications

Today

- Organizations in this situation must implement encryption within their applications
- Application changes are costly, complex, and require significant ongoing maintenance

WITH Pervasive Encryption

- Encrypt ALL of the application data without making any application changes and no impact to SLAS
- Implement a defense-in-depth encryption for a multi-layered threat defense

Use Case: Reduce the threat from within

Today

- Organizations have a priority to limit the number of users with access to data in the clear
- The fear of insider threat, either malicious or inadvertent, is a driving force and so is the need to simplify compliance

WITH Pervasive Encryption

- z14 enables encryption by policy tied to access control
- Separate access control data sets and encryption keys providing separation of duties - eliminate entire classes of users from compliance scope

Use Case: Meet audit and compliance obligations

Today

- Organizations have a priority to limit the experience of an average of 50 audits per year, a “revolving door” of auditors - internal, external, clients...a state of perpetual audit

WITH Pervasive Encryption

- Organizations no longer have to encrypt only data for compliance, and can encrypt all application/database data
- Z14 and z15 provide solutions for both application teams and auditors to verify up-to-date compliance stats in near real-time

Our Offering



Consider Pervasive Encryption from Ensono

- Protect data in core business applications
- Reduce the threat from within
- Meet audit and compliance obligations
- Reduce Costs associated with protection of data
- Application transparent-without any application changes

Implementing Pervasive Encryption helps shift your enterprise's mindset from selective encryption of only the data required for compliance to Pervasive Encryption of all enterprise data. This is an essential change as customers become increasingly wary about sharing data and regulators strengthen privacy requirements, leading enterprises to realize that data protection and privacy can create a business advantage.