

Safeguard your sensitive data from potential threats with **Zensar's ZenCrypt.**

An automated framework providing data discovery, classification and protection.

Brochure

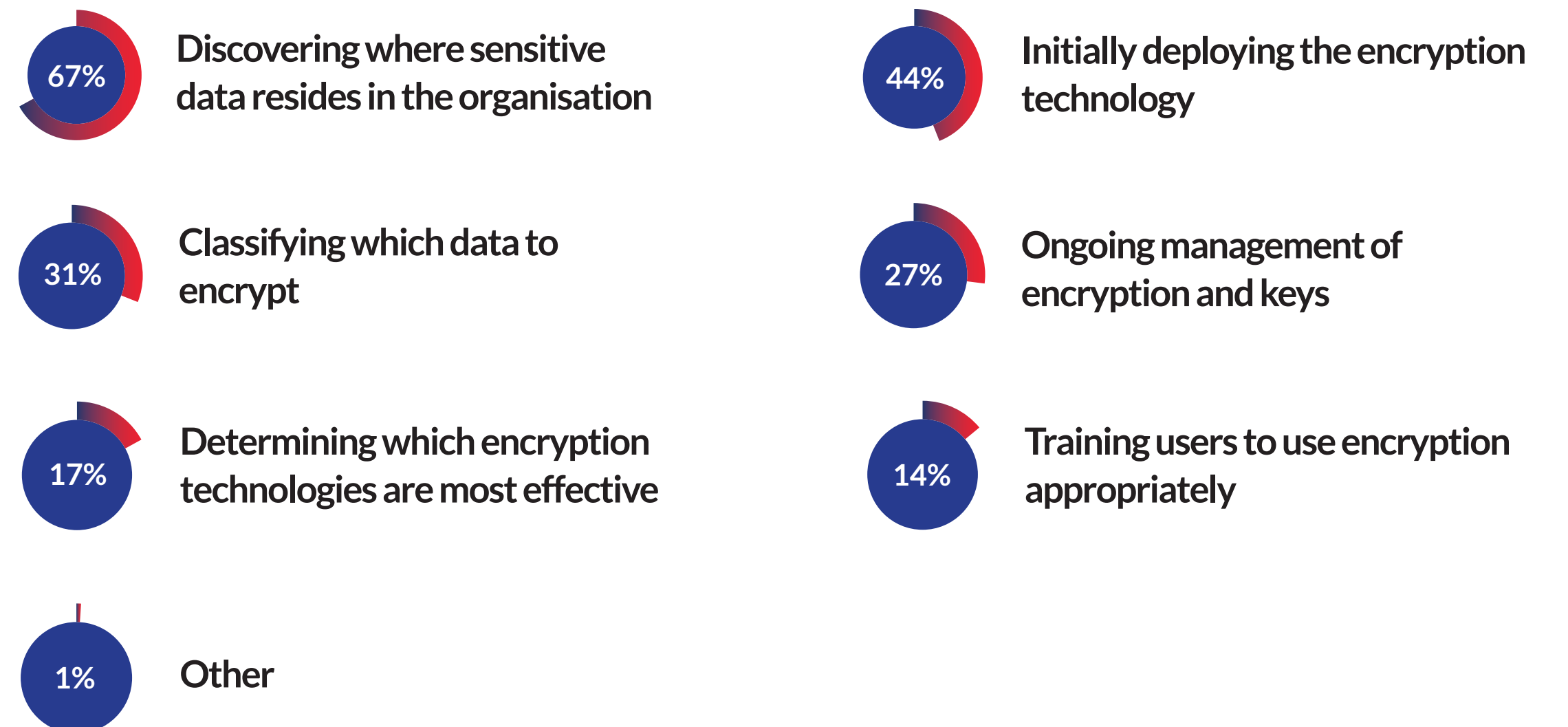
Change is the only constant

Systematic encryption is the need of the hour

Data breaches are increasing at an alarming rate with a huge financial impact and sluggish time to detect; leaving organisation highly vulnerable. In this age of multi-cloud world, 48% of corporate data in the cloud is sensitive while only 57% of all the sensitive data is protected by encryption (Thales Data Threat Report, 2020). Protecting this sensitive data from any kind of breach and theft is of paramount importance in every industry because of compliance and privacy terms. They are double whammy leading to the need of a strong encryption solution to protect the sensitive data residing in cloud, database, server, application, end points, etc.

According to Global Encryption Trends Study by Ponemon, 2020

Following are the biggest challenges in planning and executing a data encryption strategy



Thus, without rightly locating the sensitive data and systematically labelling it, protecting data is next to impossible. To create a successful encryption strategy, the organisations need to have a proper plan which starts with discovering sensitive data, classifying and having a strong encryption strategy in place.

Zensar's ZenCrypt framework

Our approach keeps you a step ahead

Zensar developed an end-to-end structured and matured framework called ZenCrypt, as depicted below to address the challenges:



Discover:

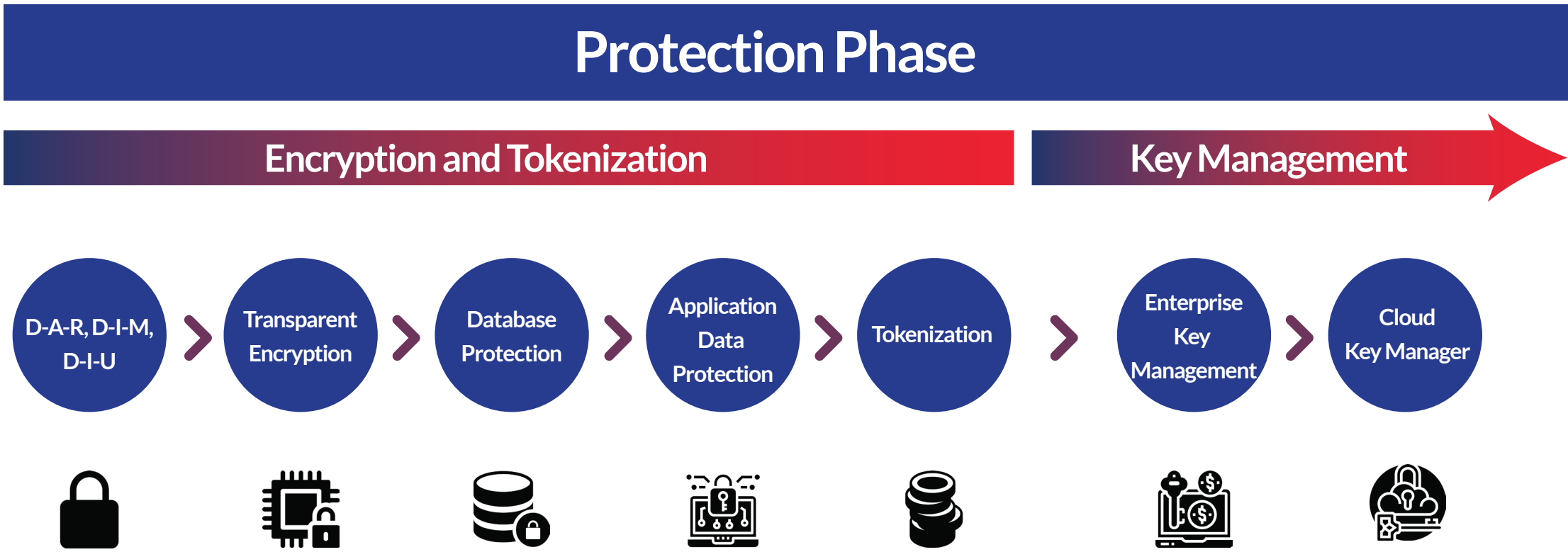
During the discovery phase, Zensar discovers the sensitive data across all the environments no matter where your sensitive data resides. This phase provides the list of sensitive data, inventory along with the level of risk exposure.

Classify:

Followed by discovery, the next step is to classify the data based on sensitivity and compliance mandate (PII, PCI, HIPAA, GDPR, etc.) as defined in the tool. If labelling or classification is not done, Zensar develops a classification schema to define the level according to risk assessment and organisation policy.

Protect:

Essentially, this is one of the most important pieces. During this phase, Zensar will fix those gaps identified in the previous phases and implement the right countermeasures in the data and the application layer. ZenCrypt uses techniques such as Data obfuscation, Transparent encryption for files, Databases and Containers, Format-preserving encryption, Tokenization with dynamic data masking, Static data masking, Privileged user access controls, etc.



Monitoring & Support:

This is crucial to maintain the hygiene of the environment and simplify operational challenges around encryption key management, Bring Your Own Key (BYOK) by streamlining incident management processes and facilitating automation, orchestration, and accelerated response capabilities. With out-of-the-box integration available with Zensar’s XDR platform, it automates and orchestrates manual tasks to provide a single interface to improve visibility and control of the system.

How ZenCrypt benefits businesses

- Zensar's proprietary "ZenCrypt" framework is a suite of tools, solution accelerators and templates to provide Data Discovery, Classification, and Protection of data across data centres and hybrid cloud environments
- Data discovery & protection through a single and integrated platform, improving visibility and analysis
- Use cases covered: Encryption, Tokenisation, Masking, Obfuscation, Access control, and Logging
- Multitenant key management and strong separation of duties, monitors data access and behaviour of processes and users
- Identifies overexposed sensitive data, stale data, and dormant data in the early stages to rightly protect it

Zensar's differentiated approach to secure your data from potential threats

- Zensar provides customised reports for DPOs, CISOs and CIOs for better visibility and control
- Zensar creates an exclusive remediation plan by consulting with the Customer's Data Security team
- Diverse partner ecosystem with industry leading players to deliver vendor agnostic solutions
- Flexible pricing models with Pay-Per-User, Time & Material, Milestone-based, catalogue-based, and Hybrid model
- Provides Customer Centric Demonstrations and POC ready capabilities

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