SEA DRAGON

Private Safe Data Storage

Sea Dragon

Advanced technology
in the storage of sensitive
information

ISO 9001:2015 · ISO 27001:2022 CERTIFIED · ISO 27701:2019 · ISO 20000-1:2018 CERTIFIED COMPANY · ISO 27017:2015 · ISO 27018:2019 Certified

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Data storage security issues

- Every year, millions of sensitive files are at risk of theft and hacking.
- Conventional storage systems, even encrypted ones, are vulnerable to sophisticated attacks and data theft.
- Direct hacking of corporate networks often results in the leakage of sensitive data, causing financial and reputational losses to the company.

Sea Dragon – an innovative distributed storage solution

The product organises a secure network where computers and servers of all network participants act as clients and storages.

Information is divided into packets and distributed to all nodes, with false packets added so that no node has more than 5% of the original file.

The data can only be accessed with a special key that allows the file to be restored to a specific device on the network.

Distributed storage technology

Packet separation and distribution:

The original file is split into parts and augmented with false packets that are distributed throughout the network.

Secure storage of the distribution scheme:

The packet distribution information is recorded in a secure storage or blockchain (encrypted).

Key-based data recovery:

Only with a unique key can a file be put back together, minimising the risk of accessing the complete file if a single computer is compromised.

Why Sea Dragon?

Distributed storage security:

Even if a single computer is hacked, attackers cannot access the complete file because it is distributed in parts.

Protection against direct hacking:

Data cannot be accessed without a unique key, even if the entire network is attacked.

Open network distribution:

The ability to distribute on a network using the capacity of all clients of the product, which enhances the security and flexibility of the system.

Who benefits from Sea Dragon?

TARGET AUDIENCE

Large corporations and holding companies with high data security requirements.

Financial and legal companies dealing with confidential information.

Government agencies, for which the risk of data breaches is critical.

USE CASES

Enterprise storage:
Protecting strategic documents and client data.

Government Agency:
Protecting government records and reports.

Law firm:
Case storage protected against leak theft.

Technological superiority

	SEA DRAGON	Traditional solutions
Distributed storage in complex packets protection against analysis)	✓	✗
Secure key recovery	✓	✗
Impossibility of full access to data even if the network is compromised	✓	✗
Guaranteed protection against data theft, as complete files are not stored on any device	✓	✗

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Sea Dragon is a reliable and innovative solution for secure storage of confidential information.

The product provides a unique level of protection, minimising the risks of hacking and data theft.

Contact us for a product demonstration and to discuss your data protection options in more detail.