FLEXENTIAL®

BaaS
Cyber resilient backup architecture and safeguards

Cyber resiliency for cyber threat protection

Flexential Backup as a Service (BaaS) delivers a hardened, logically air gapped backup architecture designed to keep backup data protected, unaltered, and recoverable, even if production systems are compromised. Immutable, validated data provide clean restore points for rapid recovery and regulatory integrity.

We provide multi-layered safeguards to protect your critical data and recovery capabilities.

Architecture protections

- **Immutable backup architecture:** The backup infrastructure is architected for immutability; all data written to the appliance/infrastructure is immutable.
- **Double MFA admin access:** Flexential administrators authenticate through VPN MFA and VDI MFA, adding multiple layers of access protection.
- **Dual domain isolation:** Separate customer console and Flexential admin domains create a logical air gap between production systems and backup control planes.
- **Independent customer console:** Distinct credentials and perimeter security prevent attackers from using compromised customer identities to access backup infrastructure.

Process protections

- **Policy-driven retention:** Automated retention and promotion processes reduce human error and prevent unauthorized policy changes.
- **Documented change processes:** All destructive actions require a ticket, which then tracks the authorized deletion process.
- **No customer delete permissions:** Customers can choose to contract for permissions that do not allow them to delete backups directly, preventing attackers from destroying restore points.
- **Dual admin delete approval:** Two Flexential administrators must authorize any deletion, reducing insider and compromise risk.

Validations

- **Automated data verification:** Daily CRC data checks on all backup data to validate that the data is recoverable and usable.
- **Customer recovery testing:** Restore testing capability for validating recoverability and supporting audit readiness.

Why Flexential BaaS

Flexential BaaS provides a resilient, multi-layered defense against cyber threats by combining isolation, immutability, strict access controls, and operational governance.

The result is cyber-resilient backups designed to withstand threats and deliver reliable recovery.

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