

# Data resilience with IBM FlashSystem and IBM SAN Volume Controller

Minimize the impact of cyberattacks, disasters and failures with a multi-layered approach to data protection.



## Address cyber threats with Safeguarded Copy

- Immutable, isolated copies acting as logical air gap
- Separate privileges for admins of production data and Safeguarded Copies
- Early threat detection with activity, patterns and operations monitoring
- Quick recovery to minimize impact



## Secure data with hardware and software encryption

- Tamper-resistant FlashCore<sup>®</sup> Module hardware encryption with no performance impact: FIPS 140-2 level 2
- Consistent system-wide software encryption
- Enterprise key management



## Support disaster recovery with multi-site replication

- Metro distance with zero data loss
- Global distance with sub-second recovery
- Replication from seconds to hours\*



## Ensure high availability and immediate failover

- Six 9's availability included in every system
- 100% data availability guarantee\*\*
- Automated response and rebuild with IBM HyperSwap<sup>®</sup>
- Zero data loss, zero workload disruption



IBM FlashSystem<sup>®</sup> and IBM SAN Volume Controller easily extend this broad spectrum of data resilience services to your entire storage infrastructure with support for over 500 IBM and non-IBM storage systems.

\* Depending on workload and bandwidth requirement

\*\* Optional 100% data availability guarantee with HyperSwap when configured by IBM Lab Services