

FalconStor Cloud Clean Room

Recovery confidence is the new cyber resilience.

Protecting data is no longer enough. A recovery plan is only as good as your last proof that it works. FalconStor Cloud Clean Room delivers an isolated cloud environment, ready for when you need it, purpose-built to enable validated recovery following a ransomware or cyber incident, as part of an organization's ongoing cyber resilience and compliance program. It adds this capability without requiring any change to existing backup and recovery infrastructure. Backed by FalconStor's patent-pending Zero Trust Secure Enclave (ZTSE) and built as an extension of your Habanero offsite storage, it provides a cryptographically isolated environment that enables validated recovery, the proof of recoverability increasingly required by regulatory frameworks such as DORA and NIST CSF, and by cyber insurers underwriting policy terms.

THE CHALLENGE

Every organization believes its recovery plan works. Very few have proven it. Backups can be corrupted. Malware can hide dormant in restored data. A recovery that looks successful can reintroduce the very threat that caused the incident in the first place. Cyber resilience is no longer about whether you have a copy of your data. It's about whether you can prove that copy comes back clean, on a schedule your regulators, insurers, and board can rely on.

Traditional recovery testing is expensive because it requires maintaining recovery infrastructure that may sit idle for months. Cloud Clean Room changes that model. Cloud Clean Room provisions secure recovery infrastructure only when needed, validates recovery from a known-clean state, and securely removes temporary resources when testing is complete.

FalconStor Cloud Clean Room The add-on to Habanero that enables validated recovery.



Leveraging FalconStor's patent-pending
Zero Trust Security Enclave



ISOLATE

A completely isolated environment separate from production.



VALIDATE

Test backup and recovery processes safely and frequently



PROVE

Demonstrate recovery readiness with confidence and evidence

HOW CLOUD CLEAN ROOM WORKS

1. **FalconStor provisions the clean room.** An isolated, on-demand recovery environment, fully separated from production.
2. **FalconStor provides the services to enable access to the clean room.** Admin privileges and direct connections to your data, handed to your team.
3. **Your organization, or a partner you choose, perform the recovery.** Your team or a third-party specialist executes recovery using your own tools and process.
4. **Cloud Clean room enables validated recovery for documentation.** Only a tested, confirmed-clean recovery counts, enabling your recovery exercise into proof, not just activity.

BENEFITS

Validated recovery, enabled by design

FalconStor Cloud Clean Room enables organizations to validate recovery from cyber threats and demonstrate regulatory compliance.

Secure Isolation

The patent-pending Zero Trust Secure Enclave enforces strict separation of data, workloads, identities, and resources — no other tenant or unauthorized party ever gets visibility

No dedicated infrastructures

Provisioning when you need it means no standing recovery environment to build, finance, or maintain between tests

Works with your existing backup environment

Cloud Clean Room integrates seamlessly with your existing backup software, infrastructure, and operational workflows. No re-architecting, no swapping tools, no disruption to established procedures.

Built on existing Habanero storage

Runs against storage you already have — no data migration, no duplicate storage spend.

Full administrative control

Direct connections and complete administrative control over the environment come standard once the workspace is provisioned.



ZERO TRUST SECURE ENCLAVE TECHNOLOGY

Cloud Clean Room is powered by FalconStor's patent-pending Zero Trust Secure Enclave (ZTSE), a secure isolation architecture that creates hardened, cryptographically isolated environments within a multi-tenant cloud. By enforcing strict separation of data, workloads, identities, and resources, ZTSE ensures that only explicitly authorized users and services can access enclave contents while preventing visibility or access by other tenants or unauthorized parties.

LEARN MORE

Cloud Clean Room is available today as an add-on to FalconStor Habanero.

See how FalconStor Cloud Clean Room enables secure, on-demand recovery validation for IBM Power environments.

Contact FalconStor: <https://www.falconstor.com/contact/>