PHARMACEUTICALS & LIFE SCIENCES

Pharma & Life Sciences Security Assessment

Security testing for drug makers, biotech, CROs, CDMOs and lab-instrument makers — manufacturing OT, labs, clinical platforms and AI — with post-quantum readiness, and without breaking a validated system.

GxP-aware
CHANGE-CONTROLLED

Integrity
AS WELL AS SECRECY

CycloneDX
CBOM & ML-BOM OUTPUT

Senior
PRACTITIONER-LED

What we assess

AI security
Discovery and trial-analytics models, their training data, and agents with access to lab, notebook or clinical systems.

Post-quantum readiness
Research data, partner and CRO connections, clinical systems, e-signatures and backups — ranked by IP and data lifetime.

Plant, lab & clinical testing
Manufacturing OT and batch systems, lab instruments, LIMS and notebooks, clinical platforms on test instances, and partner links.

What you get

- ✓ Findings rated on patient safety, quality, integrity and IP
- ✓ Audit trails and e-signatures tested as security controls
- ✓ Fixes sorted by change-control and revalidation route
- ✓ Segmentation plans for instruments only vendors can patch
- ✓ An IP and data exposure map across partners and cloud
- ✓ CBOM and AI-BOM in CycloneDX format
- ✓ Separate briefings for QA and for security leadership

How it works

1. Scope sites, validated systems and regulators with QA
2. Agree test and validation instances, and change control
3. Test hands-on; production only with QA approval
4. Deliver findings by GxP impact, then brief both audiences

A good fit if

- ✓ Your labs, plants or trials depend on systems that are hard to change once validated.
- ✓ You share research or trial data with CROs, CDMOs and partners.
- ✓ Your IP and trial data must stay confidential for decades.
- ✓ You are bringing AI into discovery, trials or GxP processes.

Probably not, if

- × You want production GxP systems tested outside change control — we do not.
- × You need computer system validation itself — we test; your validation team validates.
- × You need a regulatory inspection opinion — we produce evidence; regulators decide.

How we engage

Fixed scope
A fixed-scope proposal at a fixed price. No hourly meter running.

Senior-led
The practitioner who scopes the work does the work and writes the report.

Plain language
One report your engineers and your board can both act on.

Retest included
We verify the fixes landed — one round of retesting is in scope.