

SCALING SECURE REMOTE ACCESS IN PHARMA

SECOMEA

Enabling validated, audit-ready remote access across pharma production sites

A global biopharmaceutical company initiated a project to modernize and standardize secure remote access across its production environments.

The goal was to establish a validated, scalable framework that could be rolled out across multiple sites globally – while meeting strict internal cybersecurity, legal, and compliance requirements.

"We needed secure remote access that could meet our validation and cybersecurity requirements without slowing down operations – and scale across sites from day one."

THE CHALLENGE

Operating in a highly regulated pharmaceutical sector, a global manufacturer needed to enable remote access to production environments while meeting strict internal requirements for validation, cybersecurity, and auditability.

However, their existing setup created operational and compliance challenges:

- Remote access was not consistently controlled across production sites
- System integrations between sites could not be tested before deployment
- Issues were often identified late – during commissioning or after installation
- Internal requirements for cybersecurity, validation, and legal approval made it difficult to introduce new solutions

The organization needed **an approach that could support both GxP expectations and operational efficiency**, without adding complexity or risk.

THE SOLUTION

Following a comprehensive evaluation and alignment process, the company selected Secomea to **establish a secure, controlled, and scalable remote access model** aligned with pharmaceutical requirements.

Secomea enabled:

- Outbound-only connectivity (which eliminated the need to open inbound firewall ports)
- Role-based access control and multi-factor authentication
- Full session logging and traceability to support validation and audits
- Clear ownership and governance of user access
- Remote access aligned with internal validation processes
- No processing or storage of production data within the platform
- Validated integrations early in the lifecycle
- Reduced need for on-site troubleshooting and rework

THE RESULT

With Secomea, the organization established a standardized model for multi-site deployment that supports both compliance and operational efficiency

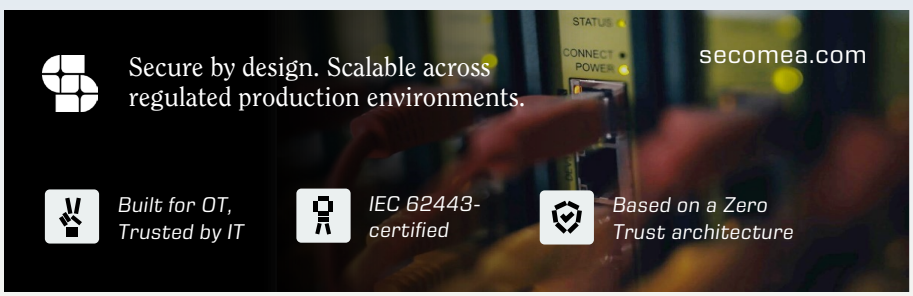
- providing a validated, audit-ready approach that can be replicated across sites,
- eliminating the need to redesign or re-evaluate remote access for each location,
- enabling a consistent security and operational model globally.

Secure remote access is now aligned with internal cybersecurity and GxP requirements, and there is **full visibility and control over who accesses production systems and how**.

In other words, it is now a controlled, governed, and scalable capability – rather than a fragmented or site-specific workaround.

THE BUSINESS OUTCOME

*Secomea enabled the company to move from constrained, validation-heavy access processes to a **secure, audit-ready, and scalable remote access standard** built for pharmaceutical production environments.*



Secure by design. Scalable across regulated production environments.

secomea.com

Built for OT, Trusted by IT

IEC 62443-certified

Based on a Zero Trust architecture