



THE CLIENT

LinkoCare Life Sciences AB – spanned out of academic research in Canada & Sweden in 2014. A proprietary platform technology based on 20+ years of academic, clinical, and industrial research and development. LinkoCare are the only producers of clinically tested bioengineered corneal implants worldwide.

THE BRIEF

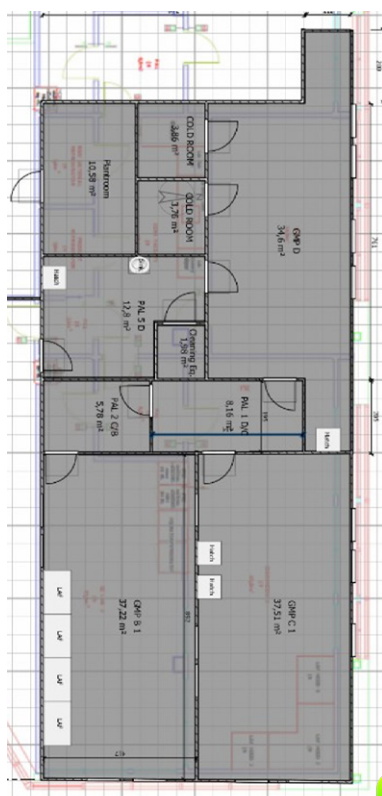
LinkoCare required the conversion of an existing office and open-plan space into a fully compliant GMP cleanroom suite. The project needed to deliver multiple classified environments, including EU GMP Grades B, C and D, alongside airlocks, cold rooms, storage and plantroom facilities. A key requirement was to design a scalable solution that would support a future second-phase expansion, while maintaining strict environmental control, regulatory compliance, and operational efficiency.



Biotechnology



20+/- 1C
45-50% RH

150m²

“An end result to be proud of”

"From an installation perspective, this was a complex project that demanded strong control and clear communication. By taking ownership of the programme and aligning all workstreams, we were able to deliver a high-quality cleanroom solution that meets both operational and regulatory requirements.

"Thank you to the team for their effort and professionalism on this project. It's a great example of how a focused, hands-on approach can deliver a high-quality cleanroom solution, even within a challenging programme. The end result is something both we and the client can be proud of."

Michal Sikora
Guardtech Nordic AB
Installation Manager



Guardtech
nordic AB



Guardtech
nordic AB

BIOTECH MODULAR

Contact Us

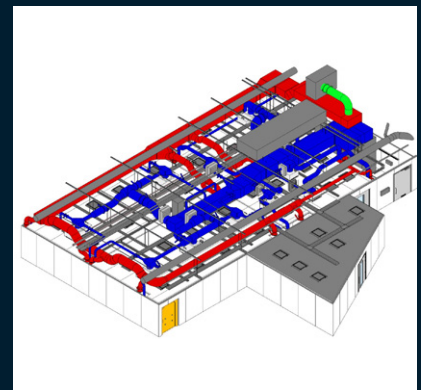


Guardian House
Unit 1A Homefield Road,
Haverhill, CB9 8QP

0330 113 0303

sales@guardtech.com

www.guardtech.com



THE TECH SPECS

A controlled environment designed, installed, cleaned and commissioned by Guardtech Nordic AB and built to the following specification:

◆ **Structural:** GT Shell Max panels in GMP B areas for fully flush finish, GT Shell Pro panels in supporting clean-room spaces, GT Access Pro single and double doors with electro-magnetic interlocks, double-glazed safety glass vision panels, GT Deck Plus vinyl flooring with integrated coving.

◆ **Mechanical:** GT Flow Pro Fan Filter Units with H14 HEPA filtration and G4 Pre-Filters, GT Air Plus CRAC air handling unit (AHU) with high-level plenum distribution, closed-loop air system with 10–15% fresh air input

◆ **Electrical:** GT Lux Plus LED lighting (500 lux throughout), small power distribution and CAT6 data network,

flush-mounted services for GMP compliance as well as three-compartment PVC trunking with schuko plug sockets, door interlock systems and integrated controls.

◆ **Controls & Monitoring:** GT Scan Pro wireless Environmental Monitoring System (EMS) measuring temperature, humidity and pressure.

◆ **Furniture & Equipment:** 4 x laminar flow units, 3 x stainless steel transfer hatches with mechanical interlocks.

THE CHALLENGES

Delivering the LinkoCare project required careful management across multiple workstreams within a live and evolving site environment.

Supply chain disruption: Key electrical components, including the distribution board, required re-coordination to maintain programme continuity.

Site integration: Early-stage installation works had created inconsistencies within the client environment that needed to be resolved sensi-

tively.

Multi-discipline coordination:

HVAC, electrical and structural scopes required alignment under a single, cohesive delivery approach.

Programme pressures: Lead times from specialist suppliers required proactive planning and sequencing.

International project dynamics:

Cross-border collaboration introduced additional co-ordination considerations, including language and communication alignment.

OUR APPROACH

Guardtech applied a structured, hands-on project management approach to bring the programme back into alignment:

Assumed full coordination responsibility across all critical workstreams.

Re-established clear communication channels between all stakeholders.

Implemented tighter control of subcontractor deliverables and timelines.

Re-sequenced works to minimise delays and maintain project momentum.

Continued on next page

BIOTECH MODULAR

Contact Us



Guardian House
Unit 1A Homefield Road,
Haverhill, CB9 8QP

0330 113 0303

sales@guardtech.com

www.guardtech.com



Guardtech
nordic AB



Maintained a strong on-site presence to ensure quality and consistency.

This proactive approach ensured the project progressed in a controlled and professional manner, with risks mitigated effectively.

THE OUTCOME

Despite early-stage challenges, the project was successfully delivered to a high standard, meeting both operational and regulatory requirements.

All outstanding works completed and systems fully integrated.

Cleanroom environment delivered in line with GMP standards.

Improved co-ordination and site performance across all disciplines.

Strong working relationship established with the client.

The client recognised the turnaround and progress made during the



project, expressing clear satisfaction with both the final facility and the professionalism of delivery.

THE RESULT

Guardtech's International Installation Manager Michal Sikora said: "From an installation perspective, this was a complex project that demanded strong control and clear communication. By taking ownership of the

programme and aligning all work-streams, we were able to deliver a high-quality cleanroom solution that meets both operational and regulatory requirements.

"Thank you to the team for their effort and professionalism on this project. It's a great example of how a focused, hands-on approach can deliver a high-quality cleanroom solution, even within a challenging programme. The end result is something both we and the client can be proud of."