



Genomics-Ready LIMS Advisory & Procurement for North West London Pathology

An outcomes based solution from Evolution Digital Health

Background

North West London Pathology (NWLP) needed to modernise its Laboratory Information Management System (LIMS) to support complex genomic workflows essential for cancer and rare disease diagnostics. This required a system tailored to NHS Genomic Medicine Service standards while maintaining operational continuity.



Board-Approved Business Case



5 System Options Evaluated



Scalable Blueprint for NHS Use

Challenges

- Traditional LIMS lacked genomic functionality (e.g. variant tracking, bioinformatics integration)
- Fragmented systems created workflow inefficiencies and clinical risk
- Market options for genomics-ready LIMS were unclear and unproven

Solutions

Evolution delivered a strategic, consultative approach:



Conducted multidisciplinary workshops and mapped current gaps



Analysed market options and developed a genomic-specific requirements catalogue



Produced a procurement-ready business case aligned with NHS digital and clinical goals

Benefits

Executive-Approved Investment Case

1

NWLP secured board approval for a phased investment in a genomics-ready LIMS, backed by a robust ROI and cost model.

2

Vendor Identified & Ready for Procurement

The engagement culminated in a preferred vendor selection with all documentation ready for immediate procurement.

3

Scalable Model for NHS Networks

The blueprint developed can be adapted by other NHS pathology networks and Genomic Laboratory Hubs, supporting broader NHS genomics ambitions.

