



OPTIMUS
INTEGRATION EXPERTS

THE EXPERTS IN HEALTHCARE INTEGRATION

Optimus IT Infra enables healthcare organisations to streamline processes, improve care and reduce costs with high-quality cloud migration and system integration support.

About us

Optimus IT has over 12 years of experience in providing the NHS with the best in healthcare integration managed services, HL7 and FHIR integration, cloud migration, development, testing, and monitoring support.

Born out of NHS IT and committed to putting customers' needs first, we offer one of the most technically capable Service Oriented Architecture (SOA) teams in UK healthcare.

How we work

We work closely with our clients to understand their requirements and translate these into actionable strategies and plans that work for clinical and operational teams.

Our agile approach enables us to respond quickly to changing needs to ensure our clients receive maximum value from their investment in our services.



Crown
Commercial
Service
Supplier

Our services

Cloud migration

Our world-leading cloud migration services help NHS trusts consolidate multiple systems, integration engines and interfaces to reduce costs and realize operational improvements.

Healthcare integration

We provide Healthcare Integration Managed Services within high-frequency message processing environments involving multiple EPRs and integration engines for leading NHS trusts.

HL7/FHIR integration

We offer extensive healthcare interoperability knowledge and expertise so you can be confident that we develop and implement care-related interfaces for all departmental systems rapidly and reliably.

EPR implementations

Our extensive EPR migration experience eliminates error handling ambiguity to speed up the interface migration and rewriting of interfaces based on the new EPRs HL7/FHIR specifications. Go-live deadlines can be achieved on time or even earlier.

Testing services

Our comprehensive testing service covers all test phases from a system level to interface, integration, and end user/clinician level user acceptance testing (UAT). We test EPR-related upgrades and server migrations, integration engines, and departmental systems.

BI services

We offer expert-level experience in data architecture, data warehousing, and business intelligence, with support for trending data technologies such as Snowflake, Azure, Hadoop, and SQL Server. We can perform data Extraction, Transformation and Loading (ETL) between new and legacy data warehouses using systems such as SSIS, Azure Data Factory and Hive.

Project management services

Our extensive experience in professional and technical project and programme management enables us to support initiatives involving interoperability, new implementations, and transformational and major migration projects using methodologies such as PRINCE2, ITIL, and MSP.

Monitoring and support

We offer proactive monitoring 24x7x365 for any EPR, PAS or integration engine and aim to resolve any issue before it gets noticed. Our Optimon+ solution is custom-built to help NHS trusts monitor integration engine servers.

Consulting and advisory services

We partner with health and care technical teams on region-wide and department-specific integration projects and programmes.

Our expertise

Experience with multiple EPRs and integration engines including:

- InterSystems Health Tech/Suite
- Oracle SOA Suite
- Rhapsody
- Mirth
- Cloverleaf
- JCAPS
- eGATE
- MuleSoft
- and several other IEs

EPRs:

- Oracle Cerner
- MAXIMS
- CaMIS
- Silverlink
- EPIC
- TrakCare
- and several other EPRs

Our skills

- Deep knowledge of HL7 and FHIR standards
- Generic to latest integration communication protocols
- Cloud technology
- Data sharing
- System and network architecture
- API development
- Full-stack Java development



Our technology

Our large-scale healthcare environment processes:



300,000
messages
per hour



15 million
care records
per week



4.5m
documents
to GPs



1TB
of data in
real-time

Who we work with

- Imperial College Healthcare NHS Trust
- Chelsea and Westminster Hospital NHS Foundation Trust
- North West London Integrated Care System
- London North West University Healthcare NHS Trust
- The Hillingdon Hospitals NHS Foundation Trust

“With extensive technical knowledge and high-quality service delivery, the Optimus team are an integral part of our North West London health tech plans. They provide essential support for our cloud migration programme and digital integration activities.”

Matthew Kybert,

Deputy CIO for System Solutions at Imperial, Hillingdon and London North West NHS trusts.



“The Optimus team provides technical expertise and guidance where necessary. They always look at what’s best for the client rather than seeing each issue as an opportunity for further work.”

Rakesh Palicharla,

Head of Managed Integration Services and Testing Imperial, Chelsea, Hillingdon and London North West NHS trusts

Contact us

020 3609 8831
info@optimusit.co.uk
www.optimusit.co.uk

Visit us

Unit 1.10, The Light Box,
111 Power Road, Chiswick,
London, W4 5PY

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