eplatforms

Healthcare and laboratories

Secure digital systems for healthcare, laboratories and specialist providers

We design, develop and support secure web applications, data platforms and integrations for healthcare providers, laboratories and specialist healthcare organisations.

26 years

building business-critical web systems

Healthcare and laboratory work

websites for pathology and cytology quality assessment

Sensitive information

encryption, controlled logins and secure integrations

Our healthcare work

Healthcare and laboratory work

Two projects in detail, then other healthcare and laboratory work.

Fittleworth

The challenge. Clinical Respect was Fittleworth's service for nurses, GPs and NHS commissioners. The sensitive information behind it needed protecting wherever it was stored.

What we delivered. An encryption module that protected sensitive information before it was stored. The website and the database both used the same module, and the key was held in a separate, password-protected certificate.

Why it mattered. Because the key was kept apart from the website and the database, a copy of the database alone would not reveal the protected information.

At a glance

Organisation
Fittleworth, a home dispensary service

For
Clinical Respect, a service for healthcare professionals

Built
2015

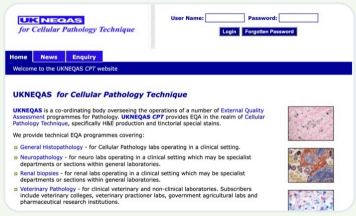
Today
A past project; Clinical Respect has since closed

UK NEQAS CPT

The challenge. UK NEQAS for Cellular Pathology Technique oversees external quality assessment for H&E production and tinctorial special stains. Registered laboratories needed a website they could use securely.

What we delivered. A fresh, accessible website with search within files, discussion forums and a photo gallery, with logins managed through EqaPassport.

Why it mattered. Laboratory managers control who can use their registration, while individual staff choose and maintain their own identities.



The UK NEQAS CPT website, 2007

At a glance

Organisation
UK NEQAS for Cellular Pathology Technique

Launched
2006

Other healthcare and laboratory work

IACC

Launched in 2005 as the first fully interactive cytology EQA website, for the Irish Association for Clinical Cytology. Participants submit EQA returns and view their results on the same site.



Surgipath Europe

A forum-based website for MUG, the MacroPATH User Group, where users of the MacroPATH digital imaging system exchange tips and ideas.

Prime Care

Content management for the home care provider, so staff can update website content for its operations across southern England.

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For healthcare organisations

What we can build for you

Bespoke systems for the parts of healthcare work that off-the-shelf software doesn't fit, built and supported by the same team.

Patient and professional portals

Secure sign-in areas where clinicians, staff, members or participants register, find what they need and manage their own details.

We've built this for Clinical Respect and UK NEQAS CPT

Clinical and laboratory workflows

Online submission, results and review steps that replace paper and email, with the right people seeing the right information.

We've built this for the IACC

Healthcare data

Databases and reporting built around sensitive information, with encryption where it is needed.

We've built this for Fittleworth

Integration and modernisation

Connecting new tools to the systems you already run, and improving older systems step by step rather than all at once.

Automation

Taking repetitive administrative steps out of daily work: routing forms, checking information, sending notifications and preparing reports.

Ongoing support

Hosting, monitoring, maintenance and security updates after launch, from the team that built the system.

We build what off-the-shelf software can't do, and connect it to the systems your people already rely on.

Nothing is replaced for the sake of it.

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Trust

Can we trust you with sensitive systems?

Here is how we look after sensitive information and the people who need access to it. Each point describes something we already do.

Looking after sensitive information

Encryption of sensitive information
with the key kept apart from the website and the database, as in our work for Fittleworth.

Encrypted connections
with managed SSL certificates on the sites we host.

Control over who sees what
so organisations decide who has access, as with manager-controlled logins for UK NEQAS CPT.

Hosting in the UK
on AWS, with monitoring of the services we host and automatic security updates on the servers we manage.

Sensitive information is handled carefully, with access decided by the organisation that owns it.

From Fittleworth's encryption to UK NEQAS CPT's manager-controlled logins.

Integration, not replacement

Your existing systems
We work with the databases, line-of-business systems and third-party services you already have.

Connected properly
New tools link to existing systems, including directly at database level where that makes sense.

Step by step
We improve the parts that cause problems while everything else keeps running.

Working to a particular standard or framework? Tell us what you need to meet and we'll talk through how the system would support it.

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Our approach

We work with what you already have

Most healthcare organisations don't need everything replaced. They need the parts that slow people down fixed, and new tools that fit alongside existing systems.

Understand

Your workflow, your people and the systems you already run.

Improve

The problem areas first, where change helps most.

Integrate

With existing systems rather than replacing them.

Build bespoke

Only where off-the-shelf software can't do the job.

Support

Hosting, maintenance and updates for the long term.

What happens when you speak to us

A conversation

You tell us what isn't working and what you need. There's no charge and no obligation.

A look at what you have

We review the systems, information and workflow involved.

A clear proposal

What we recommend, why, and what it involves, in plain English.

Build and support

If you go ahead, the same team builds, tests and looks after it.

Talk to us about your healthcare system

Whether it's a portal, a laboratory workflow or a system that needs to handle sensitive information more safely, we're happy to talk it through.

Email info@eplatforms.com

Phone 0303 666 5485

Web www.eplatforms.com

Address Basepoint Business Centre, Little High Street, Shoreham-by-Sea BN43 5EG

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