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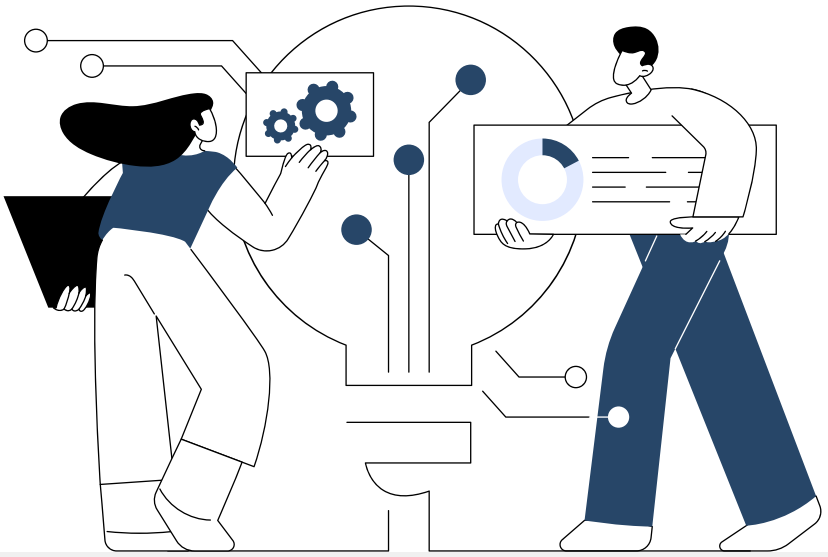
MODERNISING LEGACY JAVA APPS IN THE NHS



Java 8 is End-of-Support (EOS)

Many NHS Trusts still rely on core applications built using Java 8, including Electronic Health Records (EHRs), Patient Administration Systems (PAS), clinical portals, and workforce tools.

With Java 8 now end-of-support (EOS), these systems face heightened risks to patient safety, cyber security, compliance, and operational continuity. A structured upgrade path is essential to ensure resilience, maintain performance, and enable digital transformation.

JAVA 8 RISKS IN THE NHS

When software reaches EOS, it no longer receives vendor support, security patches, or bug fixes. Running Java 8 in this state introduces critical risks:

- **Patient Safety Risks** – Delays or downtime in EHR/PAS access can affect care delivery and putting patients at risk.
- **Security Vulnerabilities** – Unsupported platforms are more susceptible to breaches due to exploitation of known, unpatched, vulnerabilities.
- **Compliance Gaps** – Risks to DSPT, Cyber Essentials, and NHS Digital standards arise when software is left unsupported and unpatched.
- **Performance and Reliability Issues** – System instability, incompatibility, and operational inefficiencies put service and care delivery on the line.
- **Innovation Barriers** – Inability to integrate with modern tools, cloud, or APIs limits opportunities to innovate and modernise.

NHS ROADMAP

Responsiv can support you to:

- **Inventory and Assess** - Audit all systems to uncover Java dependencies. Prioritise those in clinical, operational, or compliance-critical areas.
- **Secure with Support** - Extend support for Java 8 systems to recover in the event of a failure.
- **Modernise in Phases** - Migrate key systems to Java 17+ for long-term security, performance, and future compatibility.
- **Align with NHS Standards** - Ensure modernisation supports compliance, NHS cyber security principles, and ICS digital integration goals.

Let's build a strong and secure digital foundation.

CONCLUSION

NHS Trusts needs to be aware of critical systems running on Java 8 in order to upgrade and protect themselves from incompatibility, security vulnerabilities, and delayed innovation.

Don't get caught out by unknown risks.

Don't let legacy software become a hidden liability. Let's protect your patients, data, and systems - together.

Contact Responsiv for Java 8 support and upgrade options

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