

Application modernisation

Unlock value faster and reduce risk with application modernisation to improve system performance, reduce costs and embrace new technologies.

Application modernisation ensures your organisation keeps pace with advances in technology, can respond rapidly to changing business and customer needs and better protect against evolving security threats.

Your operational costs will rise if your teams are struggling to work efficiently with outdated apps, while the risk of a security or compliance breach increases if your system software and libraries are out of support or are not receiving patches for vulnerabilities.

Solve your legacy application challenges



Security risk

Legacy apps may contain system software and libraries that are out of support or no longer receive patches, putting you at risk of downtime or a security or compliance breach.



Poor system performance and higher costs

Legacy applications tend to be slow and unreliable, as well as difficult and costly to maintain.



Poor business performance and a lack of agility

Reliance on old technologies can mean you miss out on the capabilities new ones offer, such as automation and autoscaling.



Burden of on-premises infrastructure costs

Legacy on-premises hardware is costly to maintain, upgrade and replace.

If the applications you invested in are no longer delivering value, we can help you with an AI-first approach to application modernisation using technologies like cloud computing, microservices, containerisation and embedded real-time analytics.

Our talented teams deliver high-quality results and value for money using a proven methodology to update your legacy systems with modern applications that reduce costs and improve operational agility, system scalability and security.

Lowell

Case study:

Taking legacy architecture to the cloud at Lowell

Industry: Financial services

Lowell is Europe's leading credit management company and chose NashTech to modernise its legacy application estate and create a single, cohesive ecosystem. Based on a Microsoft .NET core and microservices architecture on Azure cloud the new system delivered significant improvements in performance and a responsive consumer-facing website.

“NashTech was the key partner for us in building a modern target architecture. Within a short time, we established a platform in the cloud that is connected to our legacy world, both technically and process-wise. Containerisation, continuous deployment, microservices approach, DevOps and agile teams are just a few results of the fabulous collaboration.

Head of IT Solution DACH,
Lowell Service Center GmbH

Choose the right application modernisation strategy



Re-platforming

Migrate to the cloud and re-platform using optimisations from your chosen cloud service. This approach saves hosting costs and removes infrastructure security vulnerabilities.



Rebuilding applications

Maximise the benefits of all the latest technologies including artificial intelligence (AI). This approach addresses software vulnerabilities and maximises business agility.



Refactoring

Modify the application code base to work better with your chosen cloud environment. This approach will address software security vulnerabilities.

Unlock the value of your tech stack

Application modernisation helps you unlock the value of both new and existing technologies. Our proven methodology is designed to do this quickly, while minimising risk.

The NashTech team will work with you to understand your requirements, recommend and deploy the most effective solutions and technologies, then help you develop a roadmap that supports continuous improvement.

- **Improve workflows**

Modernised applications execute faster using fewer resources, so your teams can work more efficiently and productively, with a better user-experience.

- **Adopt new technologies**

Become future-ready with modern applications that allow you to implement technologies like AI, which gives you the agility, efficiency and automatic scalability you need to grow.

- **Less risk, more benefits**

We take a phased approach to modernisation projects, keeping risk below an agreed level while delivering benefits early on and building them up incrementally.

- **Embrace automation**

Automate business processes to improve operational efficiency, compliance and resource allocation.

Your trusted application modernisation partner

With expertise in software engineering, quality assurance, API integration, artificial intelligence (AI), cloud architecture, data management and analytics, our team ensures your software is innovative, reliable and strategically aligned with your objectives.

- **Flexible and scalable resourcing models.** Meet your strategic and technology goals efficiently and drive revenue and profitability.
- **Project delivery that balances innovation and risk.** Solve your toughest challenges through collaborative relationships and processes.
- **AI ready for substantial productivity gains.** Full AI options for the software development lifecycle (SDLC).
- **Exceptional quality assured.** We measure and continuously improve in terms of the overall quality accreditations we hold, the quality management system we deploy and at a detailed level within the SDLC.

[Contact us](#)

**Nash
Tech.**