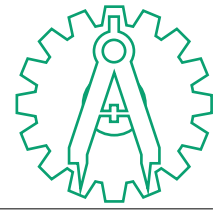# SERVICE OVERVIEW:
ARCHITECTURE MODERNISATION

In a nutshell, the Architecture Modernisation service is:

⊘ Ideal for organisations cautious about moving from legacy to modern architecture

⊘ Underpinned by Arrk's iterative approach to architectural modernisation

⊘ Conducted by highly experienced and talented team of architects, analysts and developers

Reasons for moving to modern architecture:

⊘ Reduce costs and risks

⊘ Web and mobile enabled

⊘ Customer centric

⊘ Easily scalable

⊘ Rapid and lean development

⊘ Enhanced data quality

⊘ Access to Big Data and analytics tools

⊘ Upgraded security

The architectural landscape has radically changed in the last ten years, with a move to rapid and lean development practices, continuous delivery, flexible and scalable systems, continuous integration, and cloud hosting.

Organisations are focusing on replacing their legacy systems to help provide a competitive advantage through;

⊘ Improving performance

⊘ Upgraded security

⊘ Reducing maintenance costs

⊘ Utilising flexible and scalable hosting

⊘ Offering a high-availability platform

"Big Bang" modernisation carries with it a big risk, therefore Arrk's approach is to work collaboratively with customers, using a defined best practice process to define vision and minimum viable product (MVP).

Subsequent iterations reduces reliance on the legacy system before a point is reached where the legacy system can be safely decommissioned.

THE MODERNISATION PROCESS

STAGE ONE	STAGE TWO	STAGE THREE	STAGE FOUR
DEFINE VISION	MVP	POST MVP	FINAL RELEASE
Graded full or partial replacement Maximise benefits in short term Define architecture	Rapid and lean development practices	Regular releases Re-plan	Decommission legacy systems

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