ENTERPRISE ARCHITECTURE FRAMEWORK

ARCHITECTURE PRINCIPLES

WHAT ARE THE ARCHITECTURE PRINCIPLES?

Architecture Principles are an enduring, common set of rules that underpin the development of **UON**'s business, application and infrastructure architectures. They convey how **UON** will deploy IT resources and invest in digital technologies.

WHY DO WE NEED ARCHITECTURE PRINCIPLES?

Architecture Principles directly support the achievement of **UON**'s strategic goals. They drive consistent architecture development across business, application and infrastructure domains, improving service delivery and reducing risk. Architecture Principles enable the definition of future-state architecture options, support decision-making and assist with the development of transformation roadmaps.

WHEN DO ARCHITECTURE PRINCIPLES APPLY?

All IT solutions used, developed or managed by all Faculties and Divisions of **UON** must conform to the Architecture Principles.

HOW ARE ARCHITECTURE PRINCIPLES APPLIED?

Architecture Principles must be applied as a set, with all proposed solutions being examined for conformance prior to implementation. Architecture Principles are governed by a decision-making model under the authority of the Architecture Governance Board (AGB)*. Upon review of proposed solution options, the AGB will resolve any conflicting Architecture Principles. Where Architecture Principles cannot be conformed to, an exemption must be sought.

1. STRATEGIC ALIGNMENT

Solutions must align with the strategic goals of **UON**.

2. USER EXPERIENCE

Solutions must consider all aspects of the users' needs in the first instance.

3. ADAPTABILITY

Business and technical capabilities must be able to evolve and adapt to a changing environment.

4. CONSISTENCY

Solutions must enable consistent service delivery.

5. DATA AS AN ASSET

Data and information are assets that have value, and must be managed as such.

6. LEVERAGE

Re-use before buy. Buy before build.

7. LIFECYCLE

Solutions must be architected with consideration of their entire lifecycle.

8. SCALABLE

Solutions must support current and predicted future requirements.

9. SECURE

Solutions must ensure security controls are commensurate with business risk.

10. SIMPLICITY

Solutions must not introduce unwarranted complexity.

11. STANDARDS

Solutions must follow approved standards

IT SERVICES
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ANY QUESTIONS?
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** The Terms of Reference of the Architecture Review Board can be found at bit.ly/2Im8MmT*

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