Arhcitectural Principles

Overview of Architectural Principles

Business Strategy & Objectives Drives **Architecture Principles** Restricts Design Requirements Solution Meets Architecture Technology Architecture

Why Principles

Business Principles

Interaction with other organizations is necessary

 Partners, customers, suppliers all need access to data and functionality

Standards and interoperability is key

 Avoid vendor lock-in, avoid proprietary solutions, avoid homecooked quick-n-dirty hacks

Change is constant and fast

 Make sure you have the flexibility to adopt to new tech, new regulations, new demands

Data Principles

Data Security

Information and Data is a strategic asset

Information wants to be free

 Enable and manage the sharing and re-use of data, since data is expensive, not cost free

Application Principles

Requirements based change

Technology Principles

Secutrity be default

 Combine overall security architecture and use-case based assessments.

Use ZeroTrust, on-premises, end-to-end encryption where appropriate