DRAFT - ICT Project Guidance

Discovery:  
Principles - Design

Version:

0.1

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## Description

This document describes the Guiding Principles developed specifically for system design stakeholder.

## Synopsis

It is a requirement that Design Stakeholders adhere to Design Principles.

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## Introduction

Principles are Agreed Constraints.

## Purpose

Guiding Principles reduce risk and cost.

They contribute to developers having more agency to make decisions without the delay and cost of preparing presentations for govenrence to make decisions.

## Principles versus Patterns

Development Guiding Principles are distinct from Development Patterns. Guding principles guide decisions, whereas Patterns outline known processes to follow to deliver them.

## Principled Design

The Principles that the architect must be guided by and adhere to where possible and appropriate include:

* AoG obligations:
  + NZ Privacy Principles
  + NZ Digital Standards Principles
  + NZ Digital Service Principles
  + NZ Data and Information Management Principles
* This organisations obligations:
  + Architecture Principles
  + Integration Principles

These principles are outlined in an earlier section, as well as the Appendices.

## Principled Design

* Secure-First

### API-First

Appendices

Appendix A - Document Information

### Images

[Figure 1: TODO Image 2](#_Toc144995112)

### Tables

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### References

**There are no sources in the current document.**

### Review Distribution

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### Audience

The document is technical in nature, but parts are expected to be read and/or validated by a non-technical audience.

### Structure

Where possible, the document structure is guided by either ISO-\* standards or best practice.

### Diagrams

Diagrams are developed for a wide audience. Unless specifically for a technical audience, where the use of industry standard diagram types (ArchiMate, UML, C4), is appropriate, diagrams are developed as simple “box & line” monochrome diagrams.

### Terms

Refer to the project’s Glossary.

##### IT

: acronym for Information, using Technology to automate and facilitate its management.

##### ICT

: acronym for Information & Communication Technology, the domain of defining Information elements and using technology to automate their communication between entities. IT is a subset of ICT.