

Re-basing the core a government runs on

The Government of Bermuda's core network carried Fire, Police, Immigration, Customs, Finance and Parliament, and it was failing. As Lead Architect I re-platformed 60+ sites across 12+ ministries and migrated them live, service by service, with no sustained outage.

ROLE**Lead Architect & Design Authority****PERIOD****2018 – 2019****CONTEXT****Delivered through Digicel Bermuda for the Government of Bermuda****60+**

sites migrated live, with no sustained outage

12+

ministries on a single re-platformed core

Baseline

standards reused by later government projects

— The situation

Frequent failures were degrading citizen services, and the digital transformation agenda could not proceed on an ageing, unstable foundation. This was never a hardware refresh: I treated it as re-basing the whole-of-government technology foundation, with lasting design standards and governance to match.

— The decision that mattered

The favoured design reused the same platform family as the ageing core. I caught that the platform line was heading to end-of-life well inside the Government's own roadmap, re-opened the decision, and moved the design to a platform built for the future service profile. That platform remains well within its capacity headroom today.

— Moving a live government

The migration ran on a live network inside four-to-five-hour maintenance windows: old and new cores side by side, one department, ministry, site or subnet at a time, each move checked and reversible within its window. I also adopted the NIST Cybersecurity Framework and CIS Controls ahead of any government mandate.

— What happened after

The new core met every acceptance criterion, and the architecture standards I documented were adopted as the baseline for subsequent government technology projects.

PRACTICE AREAS

Enterprise Architecture

Network Design

Public Sector

TOGAF