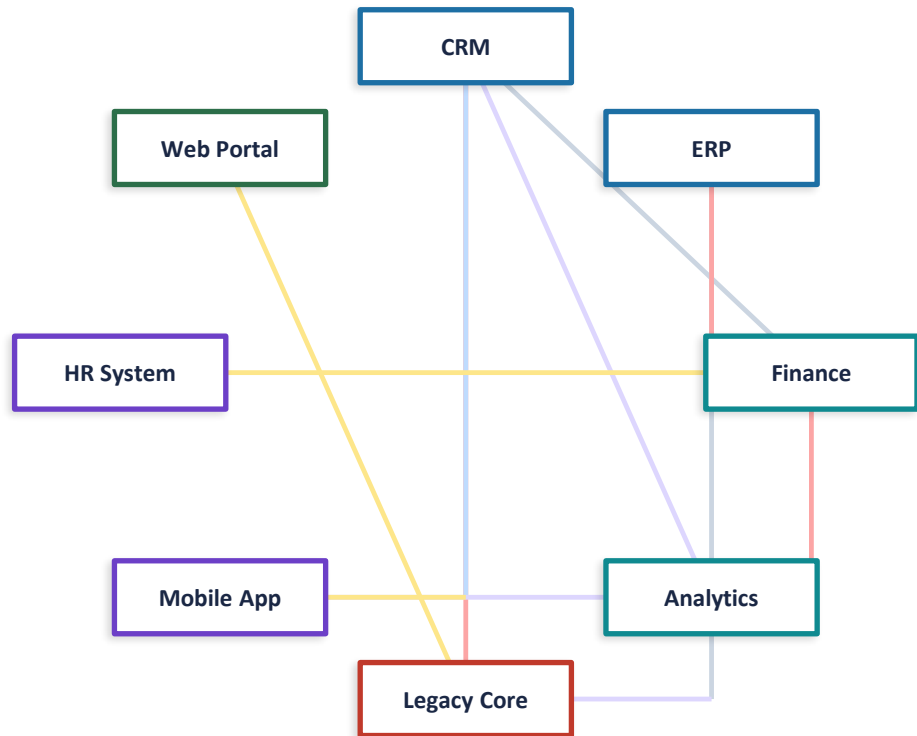


A Path to an AI-Ready Platform

An Enterprise Architecture Transformation Journey

From many years of incremental connections — to a platform that maximises AI.

30+ Years of Direct Connections

The Challenge

Most enterprise platforms start simple — one system talking to another. Over many years, they grow into a tangled web where every system has its own custom path to every other. The result: fragile, expensive, and impossible to evolve.

Every change breaks something

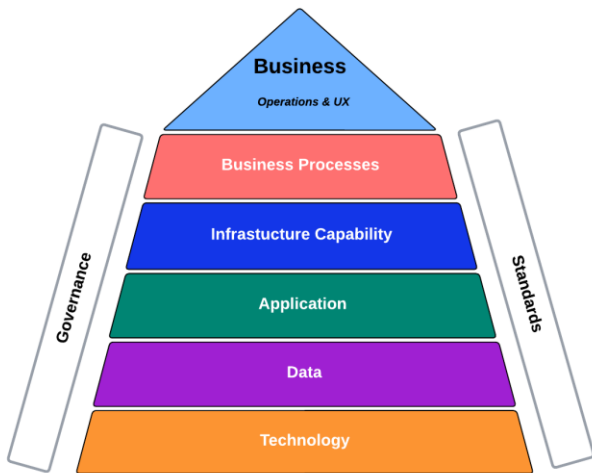
No layer of abstraction — a change in one system ripples unpredictably through all its connections.

Knowledge lives in custom code

Integration logic is buried in thousands of bespoke scripts, not in architecture.

AI cannot plug into spaghetti

A modern AI layer needs clean, well-governed data and services — not a tangle of direct connections.



The Foundation

Before any integration can be done well, the architecture must have structure. The Layered model defines clear ownership zones — from Technology at the base to Business at the top — with Governance and Standards as permanent guardrails.

Ends 'anything connects to anything'

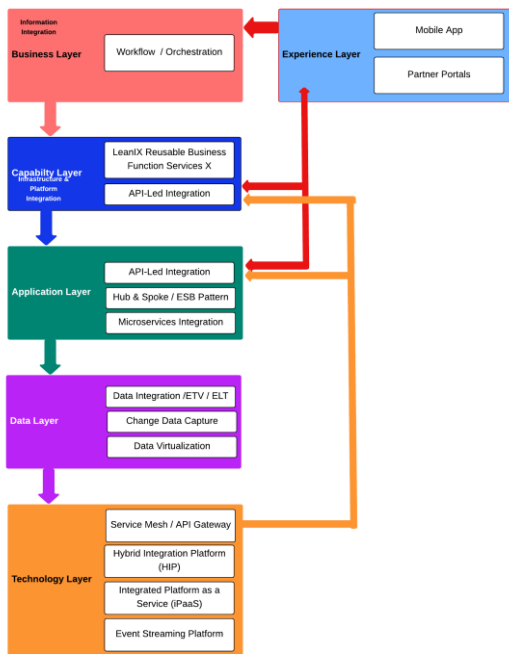
Each layer has defined responsibility — you can no longer skip layers or bypass governance.

Creates shared language

Business, Technology, and Operations all have a common map, reducing misalignment.

Sets the rules for what follows

Every subsequent stage builds on this structure. Without it, API-Led and AI are built on sand.



The Operating Model

The layers come alive with real integration patterns. Each layer is equipped with proven tooling — microservices, event streaming, data pipelines — all exposed as APIs. Consumer-facing channels like mobile and partner portals connect to the fabric, not to individual back-end systems.

Proven patterns replace custom code

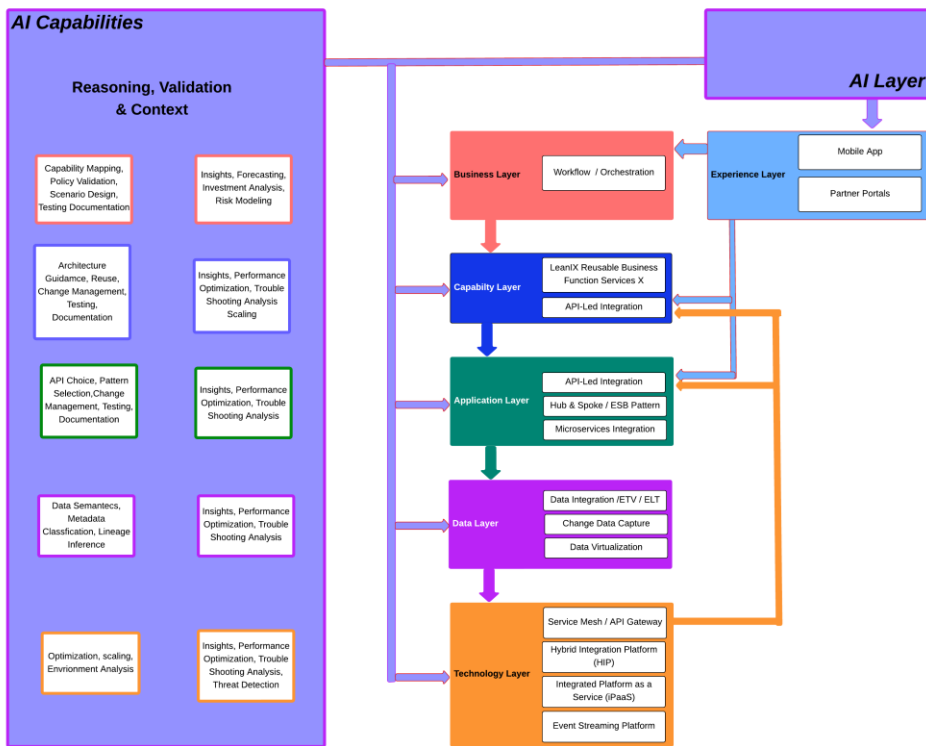
Hub & Spoke, microservices, CDC, and iPaaS replace thousands of one-off scripts.

Experience Layer isolates consumers

Mobile apps and partner portals connect to the fabric — not directly to back-end systems.

Reusable services, not repeat work

The Capability Layer (LeanIX) exposes business functions once, consumed by many.



The Destination

AI is not just a new feature on top — it becomes a horizontal capability woven into every layer. From business forecasting and risk modelling to data semantics and infrastructure optimisation, AI amplifies the whole platform.

AI as a first-class consumer

The AI Layer sits alongside the Experience Layer — a peer, not an add-on.

Reasoning & validation at every tier

Each layer gains AI-driven insight: capability mapping, API guidance, data lineage, threat detection.

A platform that improves itself

Performance optimisation, troubleshooting, and scaling become continuous and AI-assisted.

The Transformation Journey

TODAY

Point-to-Point

Spaghetti of direct connections built over 30+ years. Fragile. No room for AI.

STAGE 1

Layered Architecture

Clear ownership zones with Governance & Standards. The structural foundation.

STAGE 2

API-Led Fabric

Real integration patterns at every layer. Consumers connect to the fabric.

STAGE 3

AI-Led Fabric

Intelligence woven into every layer. A platform that maximises AI value.

The goal is not just a better platform — it is a platform that maximises the value of AI for your business, before your competitors do.