

Architecture Artifacts Mapping

TOGAF | SAFe | ArchiMate

Healthcare Multi-Product Initiative

This document maps common architecture artifacts used in a multi-product healthcare initiative to TOGAF phases, SAFe architecture levels, and ArchiMate layers. It ensures traceability, governance alignment, and consistent communication across business, enterprise, solution, and application architecture domains.

Artifact	TOGAF Phase	SAFe Level	ArchiMate Layer
Business Capability Map	B – Business Architecture	Portfolio / LPM	Business
Value Stream Map	B – Business Architecture	Value Stream	Business
Operating Model	B/C	Portfolio	Business
Enterprise Reference Architecture	C/D	Enterprise Architecture	Application / Technology
Technology Standards Catalog	D – Technology Architecture	Enterprise Architecture	Technology
Integration Reference Architecture	C/D	Solution Architecture	Application
Data Architecture Blueprint	C – Information Systems	Enterprise / Solution	Data
Security Reference Architecture	D – Technology Architecture	Enterprise Architecture	Technology
Solution Architecture Diagram	E/F – Opportunities & Migration	Solution Architecture	Application
ADR (Architecture Decision Record)	All Phases	All Levels	Motivation
API Contracts / Schemas	E – Migration Planning	ART / Solution	Application
PHI Data Flow Diagram	C/E	Solution Architecture	Data
Threat Model	D/E	Security	Technology
Deployment Architecture	D/F	ART / DevOps	Technology
Migration Plan	F/G – Implementation Governance	Portfolio / Solution	Implementation
Application Component Diagram	E – Opportunities & Solutions	ART	Application
Domain Model	C/E	Solution / ART	Data
Runbooks / SOPs	G/H – Implementation & Change Mgmt	DevOps	Technology

How to use this mapping

- Use TOGAF for completeness and lifecycle control
- Use SAFe for execution alignment and cadence
- Use ArchiMate for modeling, traceability, and tool support

This combination works especially well in regulated healthcare environments with multiple product lines.