

Areas to focus during EA review (EASY/EASF/EAC)

Conceptual Architecture:

Conceptual architecture review broadly aligns with GITSC "**Business case**" approval and **focuses on**:

- Project scope, feasibility and long term road-map. How it aligns with the big picture, approved or draft target state?
- Phasing strategy
- Transition architecture - business focused commercialization approach
- TCO Impact and Analysis vis-a-vis Benefit case
- Business Process Impact
- Business data (conceptual) model impact
- Organization structure impact and mapping
- Application Impact : Enterprise assets being reused, being modified, being created
- Competitive analysis
- Regulatory impact

What conceptual architecture **does not focus on** :

- Detail solution design including integration architecture, component architecture, logical/physical data architecture
- alignment and compliance to security/architecture/infrastructure standards or patterns
- Software vendor selection. Software review and selection in Exception case (Software as a service model or Single Sourcing exceptions) may however apply.
- Vendor Software version and software obsolescence life cycle

Solution Architecture:

Logical/Physical architecture review is broadly aligned with GITSC "**IT Spend**" approval. To be able to provide accurate IT Spend, **IT Project manager** working with **Solution Designer** need to have a good detail on the solution which definitely includes Logical Architecture and preferably Physical architecture. Detail level design decisions and infrastructure decisions can be deferred to a detail design or TSD. In view of that solution architecture focuses on :

- Detail solution design including integration architecture, component architecture, logical/physical data architecture
- Alignment and compliance to security/architecture/infrastructure standards or patterns
- Software vendor review and validation against technology catalog
- Transition Architecture (Technology viz. Data migration, parallel run, application sunset, hardware rationalization etc.)
- Failure Scenario analysis
- Performance, Scalability and HA/DR architecture (Component Level Resiliency) based on Non Functional requirements. Technical Non Functional Requirements must be translated from Business Functional requirements
- Deployment architecture - single instance, multiple instance (database layer, application layer, loader programs)

Just In Time Architecture

There are initiatives that will require a rapid approach to review a project/solution/architecture holistically and Just In Time architecture review will cover all aspects of conceptual/solution review together. Refer : [Just-In-Time Architecture governance for Innovation and Rapid Digital Initiatives](#)