# Objectives

1. Preliminary Phase – Determine & Establish architecture capability.
   1. Architectural Vision – Develop high level vision of the capabilities & business value for the proposed Enterprise Architecture, obtain approval for statement of architecture work.
   2. Business Architecture – develop target architecture and identify roadmap components by doing gap analysis
   3. Information Systems Architecture
      1. DATA – develop target architecture and identify roadmap components
      2. Application – develop target architecture and identify roadmap components
   4. Technology Architecture – develop target technology architecture that enables vision, BDA building blocks to be delivered thro’ technology components and services.
   5. Opportunities and Solutions – initial complete version of architecture roadmap based on gap analysis and roadmap components, identify transition architectures, define SBB to finalize target architecture using ABB, creating work packages (transition architectures?).
   6. Migration planning – finalize architecture roadmap, Support Implementation & Migration Plan, key stakeholders understand business value and cost of work packages.
   7. Implementation Governance – ensure conformance by implementation projects, perform architecture governance functions, create architecture change requests by implementors, sign contracts and SLA’s.
   8. Architecture Change Management – ensure architecture lifecycle is maintained, ensure architecture governance framework is executed, ensure EA capability meets current requirements.
2. Requirements Management – Ensure RM process is sustained and operates for all phases, manage requirements identified by ADM cycle or phase, ensure requirements are available for all phases as they are executed.

# Inputs – reference material

1. Preliminary Phase – TOGAF & other architecture framework.
   1. Architecture vision – Architecture reference material.
   2. Business Architecture – Architecture reference material.
   3. Information System Architecture
      1. DATA – Architecture reference material.
      2. Application – Architecture reference material.
   4. Technology Architecture – Architecture reference materials.
   5. Opportunities and Solutions – Architecture reference materials and product information.
   6. Migration planning – Architecture reference materials.
   7. Implementation Governance – Architecture reference materials.
   8. Architecture Change Management – Architecture reference materials.
2. Requirements Management – NA

# Inputs – non-architectural

1. Preliminary Phase – board strategy, business plans, goals, and drivers, architecture capability, portfolio management business
   1. Architecture Vision – request for architecture work, principles, goals, and drivers
   2. Business Architecture – request for architecture work, business principles, goals, and drivers. Capability assessment, communication plan.
   3. Information systems architecture
      1. DATA – request for architecture work, capability assessment, communications plan.
      2. Application – request for architecture work, capability assessment, communication plan.
   4. Technology architecture – request for architecture work, capability assessment, communication plan.
   5. Opportunities and solutions – request for architecture work, capability assessment, communication plan, planning methodologies.
   6. Migration Planning – request for architecture work, capability assessment, communication plan.
   7. Implementation Governance – request for architecture work, capability assessment.
   8. Architecture Change Management – aa
2. Requirements Management – aaa

# Inputs – architectural

1. Preliminary Phase – organization model for EA, existing architectural framework if any.
   1. Architecture Vision – organization model for EA, tailored architecture framework, populated repository.
   2. Business Architecture – organization model for EA, tailored architecture framework, populated repository, statement of architecture work, architecture principles, enterprise continuum, Draft ADD.
   3. Information Systems Architecture
      1. Data – organization model for EA, tailored architecture framework, populated repository, statement of architecture work, data principles, Draft ADD, draft architecture requirements specification, BA roadmap components.
      2. Application – organizational model for EA, tailored architecture framework, statement of architecture work, application principles, populated repository, Draft ADD, Draft ARS, BA roadmap components
   4. Technology Architecture – organization model for EA, tailored architecture framework, populated repository, statement of architecture work, technology principles, Draft ADD, Draft ARS, BDA roadmap components.
   5. Opportunities and Solutions – organization model for EA, tailored arch. Framework, populated repository, statement of architecture work, governance models for EA and portfolio mgmt., Draft ADD, Draft ARS, BDA roadmaps, change request for existing business programs & projects.
   6. Migration Planning –
   7. Implementation Governance – organization model for EA, tailored arch. Framework, populated repository, statement of architecture work, ADD, ARS, architecture roadmaps, architecture contract, request for architecture work, Implementation & Migration plan, governance model implementation.
   8. Architecture Change Management –
2. Requirements Management – a

# Chart - Non-Architectural Inputs

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Preliminary Phase | Architecture Vision | Business Architecture | Information Systems Architecture | Technology Architecture | Opportunities & Solutions | Migration Planning | Implementation Governance | Architecture Change Management | Requirements Management |
| Business strategies, goals & drivers | Business strategies, goals & drivers | Business strategies, goals & drivers |  |  |  |  |  |  |  |
| Architecture capability | Request for Architecture work | Request for Architecture work | Request for Architecture work | Request for Architecture work | Request for Architecture work | Request for Architecture work | Request for Architecture work | Request for Architecture work |  |
| Portfolio Management |  | Capability Assessment | Capability Assessment | Capability Assessment | Capability Assessment | Capability Assessment | Capability Assessment |  |  |
| Partnership & contract agreements |  | Communication Plan | Communication Plan | Communication Plan | Communication Plan | Communication Plan | Communication Plan |  |  |

# Chart - Architectural Inputs

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Preliminary Phase | Architecture Vision | Business Architecture | Information Systems Architecture | Technology Architecture | Opportunities & Solutions | Migration Planning | Implementation Governance | Architecture Change Management | Requirements Management |
| Organization Model for EA | Organization Model for EA | Organization Model for EA | Organization Model for EA | Organization Model for EA | Organization Model for EA | Organization Model for EA | Organization Model for EA | Organization Model for EA |  |
| Existing Architecture Framework | Tailored Architecture Framework | Tailored Architecture Framework | Tailored Architecture Framework | Tailored Architecture Framework | Tailored Architecture Framework | Tailored Architecture Framework | Tailored Architecture framework | Tailored Architecture framework |  |
|  | Populated Repository | Populated Repository | Populated Repository | Populated Repository | Populated Repository | Populated Repository | Populated Repository | Populated Repository |  |
|  |  | Statement of Architecture Work | Statement of Architecture Work | Statement of Architecture Work | Statement of Architecture Work | Statement of Architecture Work | Statement of Architecture Work | Statement of Architecture Work |  |
|  |  | Draft ADD | Draft ADD | Draft ADD | Draft ADD | Draft ADD | ADD | ADD |  |
|  |  |  | Draft ARS | Draft ARS | Draft ARS | Draft ARS | ARS | ARS |  |
|  |  |  | BA roadmaps components | BDA roadmap components | BDAT roadmap components | Draft Architecture roadmap | Finalized Architecture Roadmap | Finalized Architecture Roadmap |  |
|  |  | Architecture Principles | Data/Application Principles | Technology Principles | Governance models and frameworks for EA, portfolio mgmt.. | Governance models and frameworks for EA, portfolio mgmt.. | Implementation Governance Model | Implementation Governance Model |  |
|  |  |  |  |  | Change request for existing bus. Programs & projects | Change request for existing bus. Programs & projects | Architecture Contract | Architecture Contract |  |
|  |  |  |  |  |  | Draft Implementation and Migration Plan | Final Implementation & Migration Plan | Implementation and Migration Plan |  |
|  |  |  |  |  |  | Capability Assessment - Business & IT Capability | Request for Architecture work | Change Request – business, technology, lessons learned |  |

# Chart - Phase Outputs

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Preliminary Phase | Architecture Vision | Business Architecture | Information Systems Architecture | Technology Architecture | Opportunities & Solutions | Migration Planning | Implementation Governance | Architecture Change Management |
| Organizational Model For EA | Approved Statement of Arch. Work | Refined Statement of Arch. Work | Refined Statement of Arch. Work | Refined Statement of Arch. Work | Refined Statement of Arch. Work |  |  |  |
| Tailored Architecture Framework | Tailored Architecture Framework | Refined business principles, goals & drivers | Validated Principles | Validated Principles | Updated Arch. Vision |  |  |  |
| Initial Architecture Repository | Populated Repository | Draft ADD | Draft ADD with Business & logical models, data mgmt. process model & entity / business function matrix | Draft ADD | Draft ADD |  |  |  |
| Restatement business principles, goals & drivers | Refined business principles, goals & drivers | Draft ARS | Draft ARS | Draft ARS | Draft ARS |  |  |  |
| Request for architecture work | Architecture Principles | Roadmap components | Roadmap Components | Roadmap Components | Architecture Roadmap |  |  |  |
| Governance Framework | Capability Assessment | Catalogs | Catalogs | Catalogs | Implementation & migration Plan |  |  |  |
| Principles Catalog | Communication Plan | Matrices | Matrices | Matrices | Diagrams, project context, benefits |  |  |  |
|  | Draft ADD | Diagrams – Buss. Model, Bus. Capability Map, Organization Map, Product Lifecycle diagram, event dgrm. | Diagrams, conceptual, logical, data migration, data life cycle | Diagrams – env. & loc diagrams, network computing / hardware diagrams, network & comm. diagram |  |  |  |  |
|  | Stakeholders Map Matrix |  |  |  |  |  |  |  |
|  | Diagrams – Bus Model, Bus. Capability, Value Chain, Sol. Concept diagram |  |  |  |  |  |  |  |
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