



IFEAD is an independent research and information exchange organization working on the future state of Enterprise Architecture.

Security Governance

Privacy

Aspect Areas	Why? Vision / Strategy Business / Technology Drivers Scope Contextual Level	With Who? Value Net Relations Cooperating / Collaborating Elements Environmental Level	What? Goals & Objectives Requirements Conceptual Level	How? Logical Representation Logical Level	With what? Solution Representation Physical Level	When? Enterprise Impact Transformational Level
Business	<p>Business Goals, Drivers and Concepts</p> <ul style="list-style-type: none"> Corporate Strategic Plans Extended Business Drivers Extended Guiding Principles Scope of Collaboration Environmental Dynamics, e.g. Laws Business Goals & Objectives, KPI's Viewpoints = Competition, Value Net, etc. Ends/Mean = As-Is / To-Be Business Situation 	<p>Extended Enterprise Value Net</p> <ul style="list-style-type: none"> Collaborative Value Parties Scope of the Collaborative value Collaboration Contracts, Service Levels Law & Regulations Collaborative Business Goals & Objectives <p>Viewpoint = Collaborative Value, etc. Ends/Mean = As-Is / To-Be Collaborative Environment</p>	<p>Level of Business Collaboration</p> <ul style="list-style-type: none"> Program Goals & Objectives Business Requirements Business Relationships Budget of Change Stakeholders / Win-Win Conditions Quality of Services Characteristics = Time, Flexibility, Availability, Security, Maintainability, etc. End = Business Purpose 	<p>Type of Business Collaboration</p> <ul style="list-style-type: none"> Organisation Structure Business Area Structure Role Players / Actors Value Net Position Business Culture Business Commitment Business Rules <p>Viewpoint = Business Perspective End = Business Behaviour</p>	<p>Solutions of Business Collaboration</p> <ul style="list-style-type: none"> Business Functions structure and relations Business Tasks / Activities Business Objects Business Resources Business Knowledge Business Benefits Technology Possibilities <p>End = Business Outcome / Business Solutions</p>	<p>Granularity of Change</p> <ul style="list-style-type: none"> Enterprise Business Case Enterprise Transformation Roadmap Enterprise Priority Plan Enterprise Budget Plan Enterprise Governance Plan <p>e.g. Business Process Redesign or Outsourcing</p> <p>End = Enterprise Business Transformation</p>
Information	<p>Activities the Business Performs</p> <ul style="list-style-type: none"> Enterprise Information Policy Responsibilities & Competencies Ownership of Information Internal / External Dependencies Internal / External Activities in Scope <p>Activities = Generic or Specific Activities = Critical / Overhead End = Information Situation</p>	<p>Extended Enterprise Information Exchange</p> <ul style="list-style-type: none"> Extended Information Exchange Services Extended Information Ownership Parties Information Confidentiality Extended Dependencies Activities out of Scope <p>Information = Generic or Specific Information = Critical / Overhead End = Ext. Enterprise Information Exchange</p>	<p>Level of Information Interaction</p> <ul style="list-style-type: none"> Functional Requirements Non-Functional Requirements Quality of Services Information Relations Information Characteristics <p>Policy = Business Purpose Domains = Functional Areas I/O = Business Resources End = Information Resources</p>	<p>Type of Information Interaction</p> <ul style="list-style-type: none"> Information Tasks / Activities Information Objects & Relations Information Interaction Information Flow Characteristics Information Resources Information Locations <p>Viewpoint = Interaction Perspective End = Information Behaviour</p>	<p>Solutions of Information Interaction</p> <ul style="list-style-type: none"> Type of Information Exchange Formal / Informal Grouping of Information Objects Grouping of Information Resources Type of Triggers / Events Grouping of Information Types Priority = Dependency of Information Relation = Information Flow End = Information Solutions Sets 	<p>Impact of Change</p> <ul style="list-style-type: none"> Business Case Information Systems Roadmap Security Plan <p>Selection = Set of ICT Supported Objects</p> <p>e.g. Information Roadmap</p> <p>Interface = Type of Information Exchange End = Activities to be supported by ICT</p>
Information – Systems	<p>Systems Goals, Drivers and Concepts</p> <ul style="list-style-type: none"> System Development policy Enterprise Interoperability Policy Business - Technology Enablers Enterprise Responsibility of IS Enterprise Application portfolio Enterprise Guiding Principles <p>End = As-Is / To-Be Information-System landscape</p>	<p>Extended Enterprise Interoperability</p> <ul style="list-style-type: none"> Enterprise Interoperability Standards Enterprise Interoperability Governance Enterprise Interoperability Quality of Services (e.g. Security) Enterprise Interface portfolio Enterprise Collaboration Principles <p>End = To-Be Interoperability Definitions</p>	<p>Level of Interoperability</p> <ul style="list-style-type: none"> As-Is Information Systems Environment Functional Requirements Non-Functional Requirements Information-Systems Behaviour Abstraction & Precision of Data Quality of Services Characteristics = Time, Availability, Security, Maintainability, etc. Structure = Interfaces <p>Link = Enterprise Business System Connection Node = Enterprise Business System Environ.</p>	<p>Type of Interoperability</p> <ul style="list-style-type: none"> Product-Independent Reference Solution (PIRS) IS Functions & behaviour Choice of Middleware Technologies Shared & Pluggable IS Services / Solution sets Interface Definitions & Standards Official & De-facto IS Standards Standards = IS Interoperability Standards End = PIRS 	<p>Solutions for Interoperability</p> <ul style="list-style-type: none"> Product-Specific Reference Solution (PSRS) Map PSRM to Product Solutions and options, etc. Interface Solutions Implementation of Quality of Services Refinement Technical Reference Model Viewpoints = Selection of a Product Solutions Structure = Spectrum of Styles & Solutions sets Quality = Solution Interface Characteristics End = PSRS 	<p>Timeframe of Change</p> <ul style="list-style-type: none"> Business Case Make or Buy Decision Implementation Roadmap Tools for Development / Implementation Governance Plan Security Impact <p>e.g. Design of Application & Components</p> <p>Priority = Dependencies End = Roadmap for realization</p>
Technology - Infrastructure	<p>Technology Goals, Drivers and Concepts</p> <ul style="list-style-type: none"> Locations in which the Business Operates Enterprise Technology Infrastructure policy Enterprise Business - Technology Enablers Enterprise Responsibility of TI Enterprise TI Portfolio Enterprise Guiding Principles <p>Node = Major Enterprise Business Location</p>	<p>Extended Enterprise Inter-Connection</p> <ul style="list-style-type: none"> Enterprise Inter-Connection Standards Enterprise Inter-Connection Governance Enterprise Inter-Connection Quality of Services (e.g. Security) Enterprise Inter-Connection portfolio Enterprise Inter-Connection Principles <p>End = To-Be Inter-Connection Definitions</p>	<p>Level of Inter-Connection</p> <ul style="list-style-type: none"> As-Is Enterprise Infrastructure TI Principles Functional Requirements Non-Functional Requirements Quality of Services Characteristics = Time, Availability, Security, Maintainability, etc. <p>Link = Enterprise Business System Connection Node = Enterprise Business System Environ.</p>	<p>Type of Inter-Connection</p> <ul style="list-style-type: none"> Enterprise Technology Standards Enterprise Infrastructure Profile Enterprise Hardware Systems Profile Enterprise Communication Profile Enterprise Security Profile Enterprise Governance Profile Technical Reference Model & Standards Positioning = Allocation of IT Services - TRM Interaction = Concepts of Service Layering 	<p>Solutions of Inter-Connection</p> <ul style="list-style-type: none"> Technology Overview Solutions & Products for Inter-Connection Formats of Communication Security Integration Refinement Technical Reference Model Node = Hardware + System Software, etc. Connectivity = Middleware / Messaging, etc. End = Structure of Relations, Products + Specifications 	<p>Timeframe of Change</p> <ul style="list-style-type: none"> Business Case Enterprise Transformation Plan Enterprise Priority Setting Enterprise IS Alignment Impact <p>e.g. Blue Print of Technology Implementation</p> <p>Portfolio of Products and Components. Catalogues of used Standards End = Roadmap for Enterprise Implementation</p>

Privacy Governance

Security