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ESTIM

YOUR PATH TO COMPLIANCE

ENTERPRISE ARCHITECTURE

ESTIM - EA provides a user-friendly interface, comprehensive features, reliable performance, and outstanding support, delivering the most effective and efficient solution to meet user needs.

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ESTIM
YOUR PATH TO COMPLIANCE

ABOUT ESTIM - EA

Enterprise Architecture (EA) is a discipline that involves designing and managing the overall structure of an organization, including its business processes, information technology (IT) systems, data, and applications. The goal of enterprise architecture is to create a coherent and integrated enterprise-wide system that aligns with the organization's strategic goals and objectives.

ESTIM - EA is a software application manages Enterprise Architecture with a holistic approach to the design and management of an organization's structure, considering how different components of the enterprise architecture relate to each other and how they support the organization's overall mission and objectives. This includes managing the organization's current state, identifying gaps and opportunities for improvement, and developing a roadmap for future development.

ESTIM - EA facilitates collaboration between different stakeholders, including business leaders, IT professionals, and other subject matter experts. It relies on a set of principles, frameworks, and standards to guide the design and implementation of enterprise architecture.

ESTIM - EA provides several benefits to organizations, including improved agility, increased efficiency, reduced complexity, and better alignment between business and IT strategies through application. It helps organizations to anticipate and adapt to changes in the market and technology landscape, enabling them to stay ahead of the competition and achieve their goals more effectively.

KEY FEATURES

ESTIM Enterprise Architecture (EA) is a software applications that support the development and maintenance of enterprise architecture frameworks, models, and diagrams. ESTIM - EA provides a systematic approach to managing the complexities of modern enterprises, helping organizations to align their technology and business strategies, optimize their operations, and improve their overall performance. The key features of ESTIM - EA include:

Modeling and Visualization

ESTIM - EA provides a graphical representation of the enterprise architecture that helps stakeholders understand the relationships and dependencies between different elements of the organization. ESTIM - EA allows architects to create and manage different types of models, such as business models, information models, application models, and technology models.

Repository

ESTIM - EA provides a centralized repository to store the enterprise architecture artifacts, including models, diagrams, and documents. The repository ensures that the information is up-to-date, accurate, and easily accessible to all stakeholders.

Analysis and Reporting

ESTIM - EA provides analysis and reporting capabilities to evaluate the enterprise architecture and identify potential issues, risks, and opportunities. ESTIM - EA enables architects to perform impact analysis, gap analysis, and other types of analysis to assess the impact of changes on the enterprise architecture.

Collaboration and Communication

ESTIM - EA facilitates collaboration and communication among stakeholders, including architects, business analysts, developers, and other team members. ESTIM - EA provides features such as commenting, version control, and workflow management to ensure that all stakeholders can participate in the development and maintenance of the enterprise architecture.

EA ARTIFACTS

Catalogs

Catalogs are used to organize information about the enterprise architecture. Catalogs provide a structured way to describe the components of the architecture, such as applications, data objects, and technology components. Examples of catalogs used in ESTIM - EA include the Principle Catalog, the Application Catalog, Logical and Physical Data Catalog, the Technology Catalog and many more.

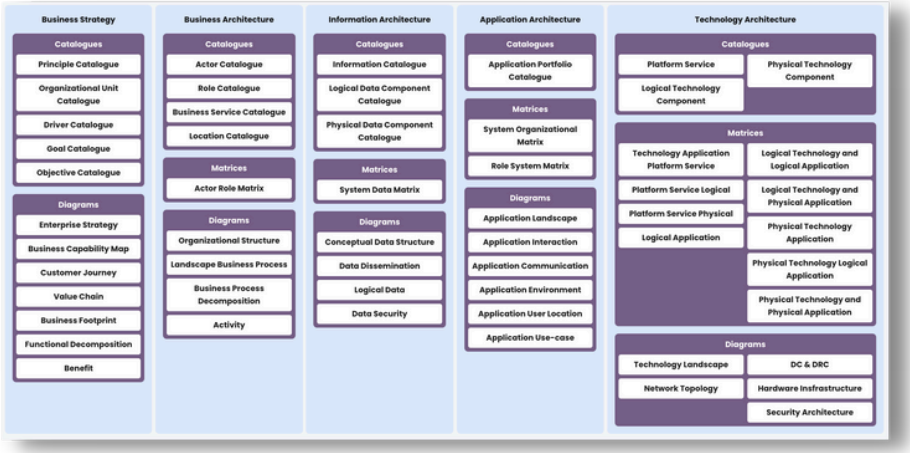
Diagrams

Diagrams are visual representations of the enterprise architecture. Diagrams can include various types of diagrams, such as organizational charts, flowcharts, network diagrams, and data flow diagrams. Examples of diagrams used in ESTIM - EA include the Business Process Diagram, Application Communication Diagram, Technology Infrastructure Diagram and many more.

Matrices

Matrices are used to show relationships between different components of the enterprise architecture. Matrices are typically used to show the relationships between business functions, applications, and data objects. Examples of matrices used in ESTIM include the Application-Data Matrix, Data Entity-Business Function Matrix, and the Technology-Application Matrix and many more.

ESTIM - EA COMPONENTS



EA artifacts in ESTIM - Enterprise Architecture refers to any record, document, catalog, matrices, or diagram that is created to describe or represent the architecture of an organization. EA artifacts are used to communicate the various aspects of the Enterprise Architecture to stakeholders, including business leaders, IT professionals, and other stakeholders.

EA artifacts are an essential part of Enterprise Architecture as they provide a structured way of communicating the architecture to stakeholders, ensuring that everyone is on the same page and has a clear understanding of the organization's technology infrastructure.

VIEWPOINT

Architecture viewpoint is a specific perspective or view of an architecture that focuses on a particular set of concerns, stakeholders, or viewpoints. An architecture viewpoint is represented by a set of models, diagrams, and documentation that capture the relevant information about the system from the perspective of the viewpoint. It provides a way to communicate the architecture to stakeholders in a way that is meaningful and relevant to them.

Business viewpoint in enterprise architecture is a way of looking at an organization's architecture from a business perspective.

It considers the organization's business processes, capabilities, and strategies, and how they are supported by the architecture.

Chief Digital Officer viewpoint in enterprise architecture is a perspective that focuses on the digital transformation of an organization.

It considers how technology can be used to support the organization's strategic goals and objectives, improve customer experiences, and drive innovation.

Chief Information Officer viewpoint in enterprise architecture is a perspective that focuses on the technology aspects of an organization's architecture.

It considers the organization's IT infrastructure, systems, and applications, and how they support the organization's business needs and objectives.

Architect viewpoint in enterprise architecture is a perspective that focuses on the design and implementation of the architecture.

It considers the technical aspects of the architecture, including the systems, components, and interfaces, and how they work together to support the organization's business needs and objectives.

Business Viewpoint

From a business viewpoint, Enterprise Architecture (EA) is critical for organizations to achieve their strategic goals and objectives. EA provides a holistic view of the organization's structure and aligns it with the business strategy, helping to ensure that resources are used efficiently and effectively.

By taking an EA approach, organizations can identify opportunities to streamline processes, reduce costs, and improve customer satisfaction by identifying and designing customer journey. For example, EA can help to identify redundant processes, identify areas for automation, and improve data management and governance, resulting in improved productivity and cost savings.

EA also helps organizations to respond more quickly and effectively to changes in the market and technology landscape. It enables organizations to adapt their operations and systems to meet new business requirements and customer needs, helping to ensure they remain competitive and relevant.

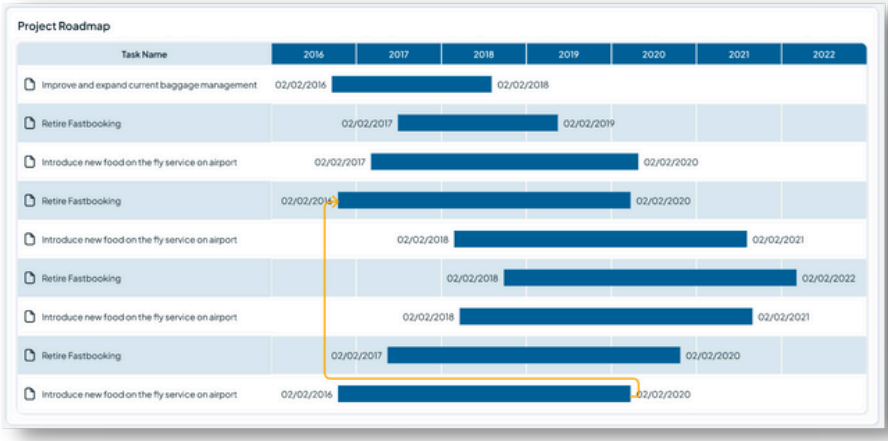
Another important benefit of EA from a business viewpoint is the ability to facilitate better decision-making. EA provides a clear understanding of the relationships and dependencies between different components of the enterprise architecture, enabling stakeholders to make informed decisions about investments, project priorities, and resource allocation.

Overall, from a business viewpoint, EA is essential for organizations to achieve their strategic objectives, improve efficiency, and stay ahead of the competition. It provides a framework for managing complexity, improving agility, and optimizing resources to support the business's goals and objectives.

BUSINESS DASHBOARD

Business dashboards are an essential part of enterprise architecture as they provide a visual representation of the most critical business metrics and key performance indicators (KPIs) in real-time. Business dashboards are used to monitor the performance of various business objectives and capabilities, and they help decision-makers to quickly identify any issues or opportunities that need attention.

Project roadmap is a strategic plan that outlines the goals, timelines, milestones, and resources required to complete a project within an enterprise architecture framework. It provides a high-level view of the project's objectives and the steps needed to achieve them.



Chief Digital Officer Viewpoint

From the Chief Digital Officer (CDO) viewpoint, Enterprise Architecture (EA) is an essential component of digital transformation initiatives. EA provides a framework for designing and managing the organization's overall structure, including its business processes, data, applications, and technology infrastructure, to support digital transformation goals.

As the organization's digital leader, the CDO has a key role to play in driving digital transformation initiatives and leveraging technology to improve business outcomes. EA can help to ensure that digital transformation efforts are aligned with the overall business strategy and that the necessary technology infrastructure is in place to support these initiatives.

One of the primary benefits of EA from the CDO viewpoint is the ability to enable innovation and agility. By adopting an EA approach, organizations can design a flexible and scalable technology infrastructure that can adapt quickly to changing business requirements and emerging technologies. This enables the CDO to experiment with new digital technologies and processes, driving innovation and competitive advantage.

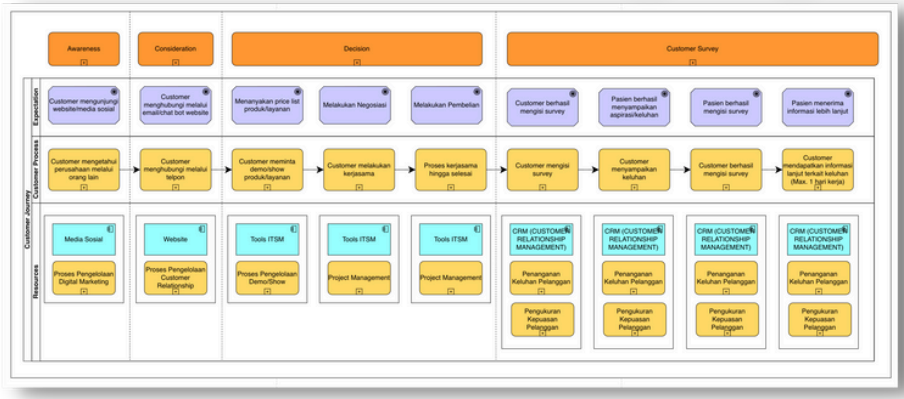
EA also provides a framework for managing the organization's data, which is a critical component of digital transformation initiatives. By creating a unified data architecture and governance framework, the CDO can ensure that the organization's data is accurate, consistent, and accessible across the organization. This enables the organization to leverage data to drive insights and inform decision-making, which is essential for driving digital transformation success.

Overall, from the CDO viewpoint, EA is essential for driving digital transformation initiatives and leveraging technology to improve business outcomes. It provides a framework for managing complexity, promoting innovation, and optimizing resources to support the organization's digital goals and objectives.

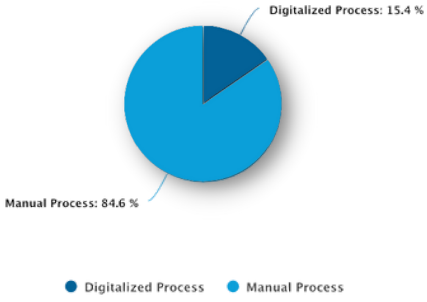
CDO DASHBOARD

In the context of Enterprise Architecture, a Chief Digital Officer (CDO) has several concerns, including Digitalization Index, Business Processes, Applications, Strategy, and Customer Journey.

Every aspect related to the digital transformation of a company must be monitored by a CDO and nothing should be overlooked.



A customer journey diagram in ESTIM - Enterprise Architecture is a visualization that depicts the various touchpoints or interactions that a customer has with an organization during their entire experience with the company. It is a diagram used to understand and improve the customer experience and helps organizations to identify areas where they can enhance their service or product delivery.



The Digitalization index in ESTIM Enterprise Architecture is a measure that organizations use to assess their digital maturity or readiness for the digital transformation journey. It is a quantitative indicator that assesses how well an organization is adapting to the digital world and the extent to which digital technologies are integrated into its operations and processes.

CIO Viewpoint

The Chief Information Officer (CIO) viewpoint on enterprise architecture is a critical perspective that focuses on the technology aspects of an organization's architecture. The CIO viewpoint takes into account the organization's IT infrastructure, systems, and applications and how they support the organization's business objectives.

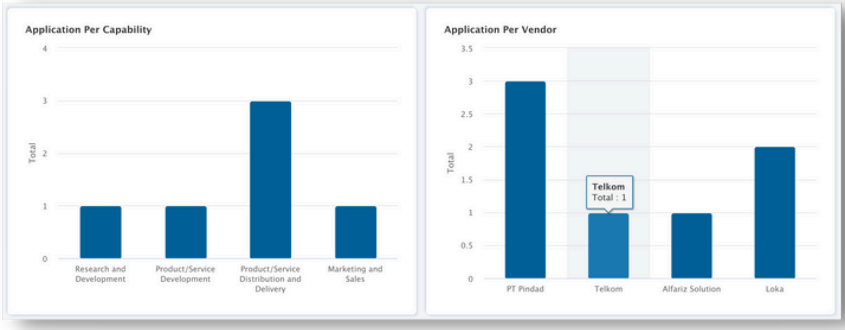
The CIO viewpoint is responsible for developing and implementing an IT strategy that aligns with the organization's overall business strategy. This includes identifying and implementing emerging technologies that can improve business processes, reduce costs, and drive innovation.

The CIO viewpoint is also responsible for ensuring that the architecture is secure, reliable, and compliant with relevant regulations. This includes implementing appropriate information security measures, data management practices, and IT governance frameworks.

Overall, the CIO viewpoint plays a critical role in ensuring that the organization's architecture is designed and managed to support the organization's technology goals and objectives, while also ensuring that it is aligned with the organization's overall business strategy.

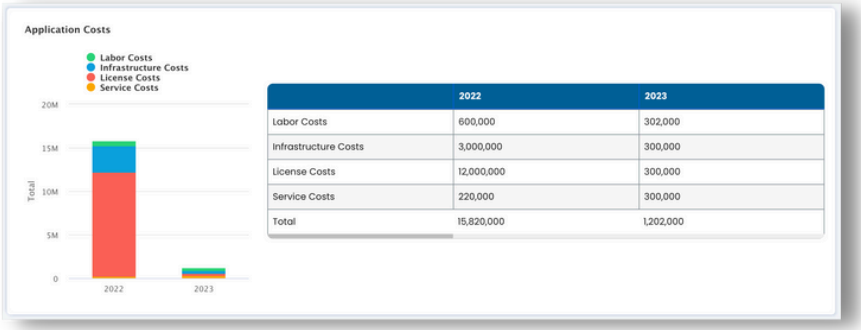
CIO DASHBOARD

As a CIO, you need to know the number of applications running in your company, including when the applications were developed, when they started running in production, and when the supporting technologies, including the hosting model of each managed application, become obsolete.



The applications running in a company must ultimately support the organization's capabilities. Therefore, information about how each application supports these capabilities is critical for a CIO. Additionally, vendors play a crucial role, especially as they are the main supporters of the applications that support the company's core capabilities.

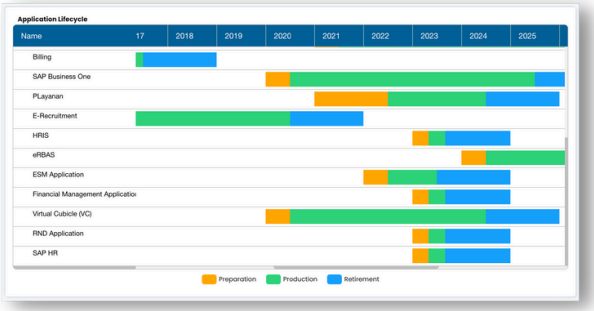
CIO DASHBOARD



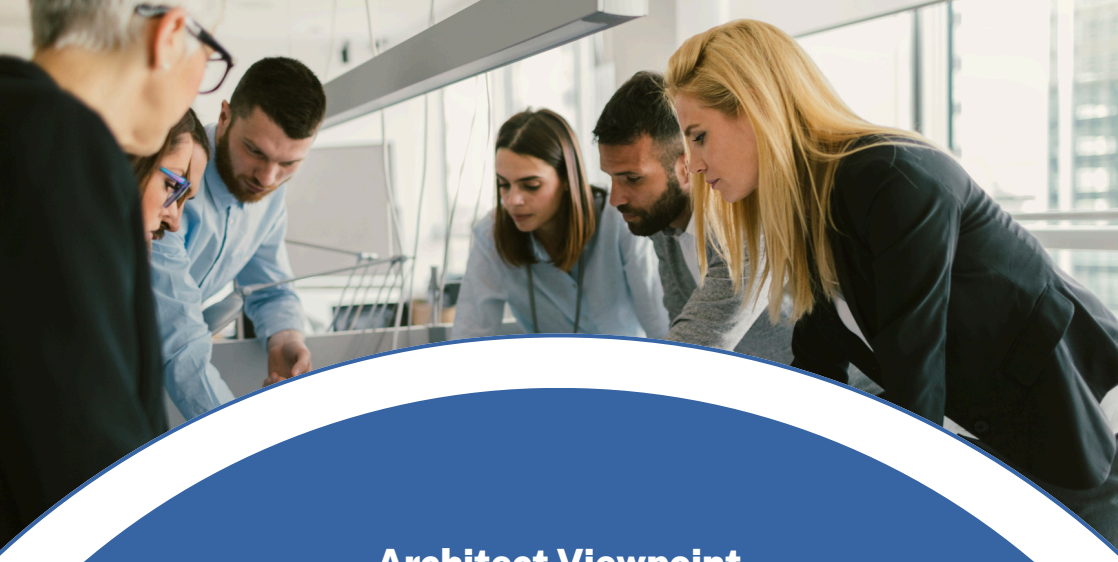
	2022	2023
Labor Costs	600,000	302,000
Infrastructure Costs	3,000,000	300,000
License Costs	12,000,000	300,000
Service Costs	220,000	300,000
Total	15,820,000	1,202,000

Budget and spending are two aspects that should be of concern to a CIO. The cost of applications is not the only budget and spending component; all other cost aspects such as labor cost, infrastructure cost, license cost, and services cost need to be known and monitored. All these costs must be carefully considered throughout the lifecycle of each application running in the company.

As the person responsible for overseeing the technology infrastructure and strategy of an organization, the CIO should be concerned about the IT roadmap for several reasons.



First, The IT roadmap helps the CIO to align IT initiatives with the strategic goals of the organization. By having a clear understanding of the organization's goals, the CIO can develop a roadmap that outlines how technology can support and drive the business forward. Second, Developing an IT roadmap allows the CIO to plan for the necessary resources, such as staff, budget, and technology, to support the organization's technology initiatives. By having a roadmap, the CIO can prioritize projects, allocate resources, and manage expectations. In summary, the IT roadmap is a critical tool for the CIO to plan, prioritize, and manage technology initiatives that support the strategic goals of the organization.



Architect Viewpoint

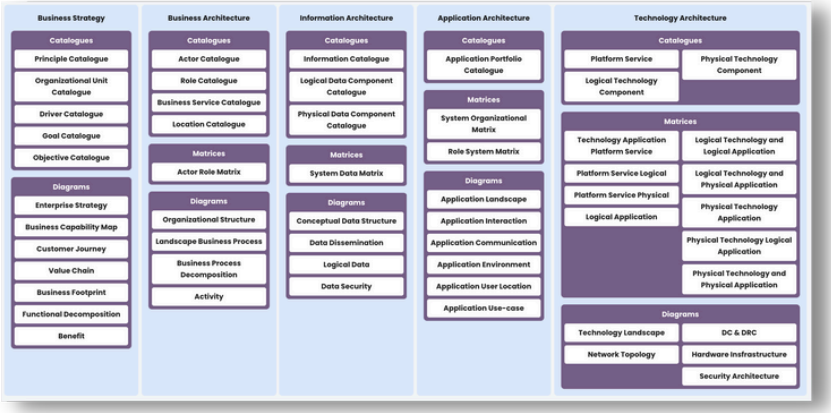
The Architect viewpoint on Enterprise Architecture is a perspective that focuses on the technical design and implementation of an organization's architecture. Architects are responsible for creating the blueprints, models, and plans for the organization's IT systems and applications.

The Architect viewpoint considers the technical aspects of the architecture, including the systems, components, and interfaces, and how they work together to support the organization's business needs and objectives. Architects take into account the organization's technology strategy, standards, and best practices and ensure that the architecture is designed and managed to meet these requirements.

Architects also consider the performance, scalability, and maintainability of the architecture, and ensure that it is aligned with the organization's long-term goals and objectives. They work closely with other stakeholders, including the CIO, business leaders, and other architects, to ensure that the architecture is implemented in a way that supports the organization's overall objectives.

Overall, the Architect viewpoint plays a critical role in ensuring that the organization's architecture is designed and implemented in a way that is technically sound, aligned with best practices, and supports the organization's business goals and objectives.

ARCHITECT DASHBOARD



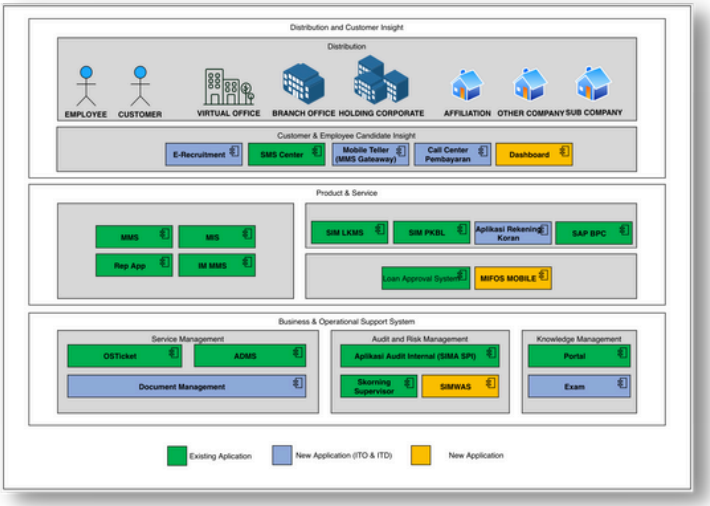
An architect should have a thorough understanding of all components of Enterprise Architecture. As a result, an architect's viewpoint encompasses all domains including business strategy, business architecture, information and data architecture, application architecture, and technology architecture. There are three important aspects of architectural components that are part of an architect's dashboard, namely catalog, matrices, and diagrams.

All catalogs, matrices, and diagrams are available in ESTIM - Enterprise Architecture, which includes the capability to create and edit diagrams, as well as submit them for approval directly within the application. Below are example of a catalog, diagram and matric.

Application Name	Version Number	Hosting Model	Production Date
SAP HR	6.0	Cloud: SaaS	09-02-2023 21:38:43
Ticketing Service	v.1.6	Cloud: PaaS	05-04-2023 11:52:26
E-Recruitment	v.2.1	Cloud: SaaS	23-06-2016 09:24:02
HRIS	3.1.6	Cloud: SaaS	03-04-2023 12:00:27
Financial Management Application	v.6	Cloud: PaaS	28-02-2023 21:42:03
Knowledge Management System (KMS)	1.3	On Premises	16-05-2023 11:49:37

Application catalogue is one of example of ESTIM - EA Dashboard component. An Application catalogue in Enterprise Architecture is a centralized repository of information about the applications used within an organization. It is a comprehensive list of all the software applications used in an enterprise and includes details such as the application's name, purpose, vendor, version, lifecycle stage, dependencies, and other pertinent information.

ARCHITECT DASHBOARD



An application landscape is one of diagrams in ESTIM - Enterprise Architecture refers to the collection of all the software applications that are used within an organization to support its operations and processes.

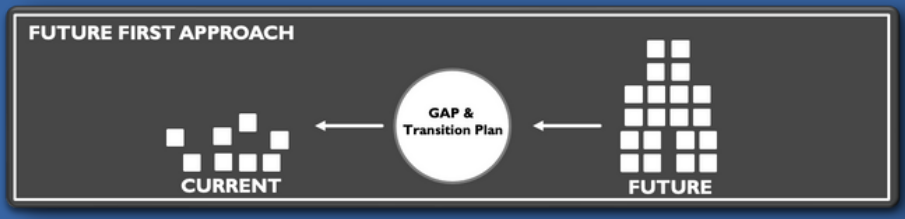
Actor	Role													
Matrix	Enterprise Infrastructure Architect	Business Unit Application Architect	Head of Strategy and Architecture	CIO	Enterprise Architecture	Enterprise Design Authority	Infrastructure Strategist	Business Unit Service Owner	Architecture Configuration Manager	Infrastructure Designer	Technical Design Authority	IT Operation	Project Manager	Business Unit Head
Architecture Refresh	A	C	I	I	I	RA	I	I	R	I	R	R	I	R
Logical Solution Architecture	A	A	A	C	R	A	RA	C	A	R	A	A	A	C
Solution Architecture Vision	A	R	AC	A	CI	A	A	I	A	C	R	R	R	A
Framework Refresh	R	R	R	R	R	RI	R	R	I	R	R	I	I	I
Change Management	I	R	I	RC	R	R	R	R	RA	C	I	R	C	C
Benefits Assessment	C	C	CI	I	A	A	A	R	C	A	A	A	A	A
Achitectre Roadmap	C	A	C	R	I	A	AC	A	A	R	A	I	I	I
Physical Solution Architecture	I	I	C	I	C	R	R	R	I	I	A	A	A	RA
Design Governance	CI	I	C	R	C	CI	AC	A	I	C	A	C	R	A
Architecture Configuration Management	A	AC	A	R	A	AC	A	A	C	A	I	C	C	C

A RACI matrix is one of matrices in ESTIM - Enterprise Architecture used to clarify the roles and responsibilities of individuals and teams involved in a project or business process. RACI stands for Responsible, Accountable, Consulted, and Informed, and the matrix helps to define these roles for each task or activity.

METHODOLOGY

Developing enterprise architecture based on the current architecture, also known as an architecture-first approach, typically involves the following steps:

1. Assess the current architecture
2. Define the architecture vision
3. Identify gaps
4. Develop a roadmap
5. Implement the architecture
6. Monitor & evaluate



Developing Enterprise Architecture based on a future architecture first approach involves the following steps:

1. Define the future state
2. Develop a reference architecture
3. Analyze the current state
4. Develop a transition plan
5. Implement the transition plan
6. Monitor & adjust

OUR ARCHITECTURE TEAM

Febby Febrianti

BUSINESS ARCHITECT

Responsible for analyzing and designing the business processes, strategies, and systems of an organization to align with its overall goals and objectives. She work closely with various stakeholders, including senior management, IT professionals, and business users, to identify areas for improvement, create business models, and develop implementation plans.

Rama Ambara

APPLICATION & INFORMATION ARCHITECT

Responsible for designing and managing the application and information systems of an organization. He work closely with stakeholders to understand their requirements and ensure that the systems meet their needs. He is also responsible for developing data models and defining data structures, ensuring data integrity and security, and designing the integration and interoperability between different systems.

Kresna Dwi Prasetya

TECHNOLOGY ARCHITECT

Responsible for designing and managing the technology infrastructure of an organization. he works closely with stakeholders to understand their needs and ensure that the technology infrastructure meets their requirements. He designs the technical architecture, including hardware, software, networks, and communication systems, and ensure that the systems are scalable, reliable, and secure.

Asri Ratnianingsih

SERVICE ARCHITECT

Responsible for designing and managing the service-oriented architecture (SOA) of an organization. She works closely with stakeholders to identify the services required to support the business processes and operations. She designs the technical architecture, including the service components, interfaces, and protocols, and ensure that the SOA is scalable, interoperable, and secure.

ESTIM
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OUR CUSTOMERS

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