

ceaf

California Enterprise  
Architecture Framework  
Digest

# What is Enterprise Architecture?

"a well-defined *practice* for conducting enterprise analysis, design, planning, and implementation, using a *holistic approach at all times*, for the successful development and execution of strategy."<sup>1</sup>

EA = Strategy + Business + Technology

<sup>1</sup>The Federation of Enterprise Architecture (EA) Professional Organizations

# What is the Value of EA?

## Organizational Value

- Enhance strategic planning and business process improvement activities
- Shorten decision-making cycles
- Improve communication and establish common language reducing misunderstandings

## Operational Benefits

- Identify opportunities and innovations more rapidly
- Combine strategy, business and technology perspectives of the organization or program(s) in both current and future operational states
- Identify and prevent functional capability duplication, reducing operating expenses.

# Organization Placement of Enterprise Architecture Program

EA programs must be grouped within management practices that together form an integrated management structure. Creating architecture(s) enterprise-wide is accomplished and sustained through this ongoing management program and its processes.

Program maturity may influence its ability to inform the integrated management process.



# Enterprise Architect Role

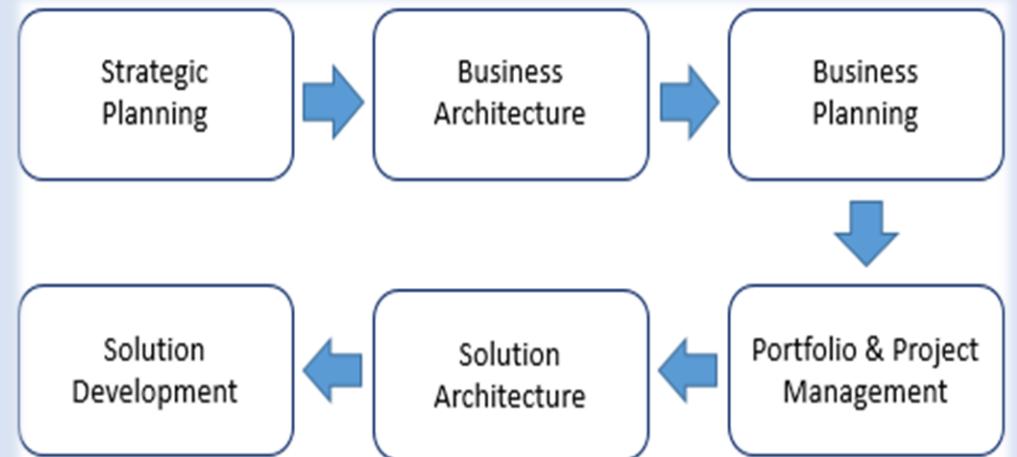
Architects possess some proficiency in designing, engineering, managing, overseeing and coordinating many theme or subject areas. They are uniquely trained, trusted advisors, creators of perspective, and problem-solving informers.

Organizations with multiple architects have a greater chance of obtaining the value propositions of an enterprise architecture program, as opposed to a single architect. Solo architects will struggle to deliver these value expectations, if at all.



# Program Sponsorship

EA services are critical to strategic planning, investment decision-making, and efficient execution of projects and as such require a partnership with key organizational disciplines.



Effective EA service delivery requires strong executive support and effective collaboration with the organization's Portfolio/ Project/Program Management Office(s), solution architects, domain architects and other key business and technical subject matter experts.

# Why Support an EA Program?

Today's resource-constrained state operating environments demand more efficient government through the reuse of solutions and shared service models.

- EA programs support efforts to leverage other government and industry experiences and results, to most efficiently solve priority needs and progressively achieve strategic goals
- EA programs enable consistent planning to guide and govern the organization's transformation projects.



# Reflection

Answer these questions if your organization does not currently support EA:

- Who within your enterprise is looking at the organization holistically?
- Who within your enterprise is analyzing both current and future states from an integrated strategic, business and technical perspective?
- Does the organization have a clear vision with a strategy to accomplish it?
- How are operational decisions impacting relationships of other organizational (architectural) components?
- Estimate where your EA program is in the EA Road to Success. What, if anything, could you do to influence progression?

Without an enterprise architecture or practicing architects, decision-makers should evaluate if they're shortchanging their organization in its absence.

# What is CEAF?

The California Enterprise Architecture Framework (CEAF), is an intuitive and actionable enterprise architecture framework designed to enable the application of EA services for the purpose of improving business and IT decisions that impact the delivery of government services to California residents. CEAF is comprised of four (4) building blocks:

1. Digest – EA Synopsis and the programs basic needs
2. Program – Statewide and Department EA Programs
3. Portfolio – EA capabilities and services
4. Views – Reusable EA, use-cases, and references

# Purpose and Vision

The CEAF provides a foundational understanding of the elements of enterprise architecture. Its vision is to provide:

- An intuitive and actionable framework that improves decisions that impact organization efficiencies
- Guidance of the use of EA methods and develop comparable and reusable work products within and across the state
- EA work products that enable mission success with an understanding of total cost of ownership, faster time to delivery, and reduced duplication
- Promote cross-agency or cross-program initiatives for shared development of common business processes, business and digital services, and shared platforms

# Framework Principles

- A structure that allows departments already implementing enterprise architecture programs to easily integrate with CEAF
- Enhances upon work already performed through previous versions of CEAF, lessons learned, and associated policies
- Includes involvement of many state agencies to encourage collaboration, buy-in and collective maturity
- Maintains compatibility with the Federal Enterprise Architecture Framework (FEAF)
- Facilitates both short-term improvements that provide quicker value and longer-term improvements providing more substantial value over time

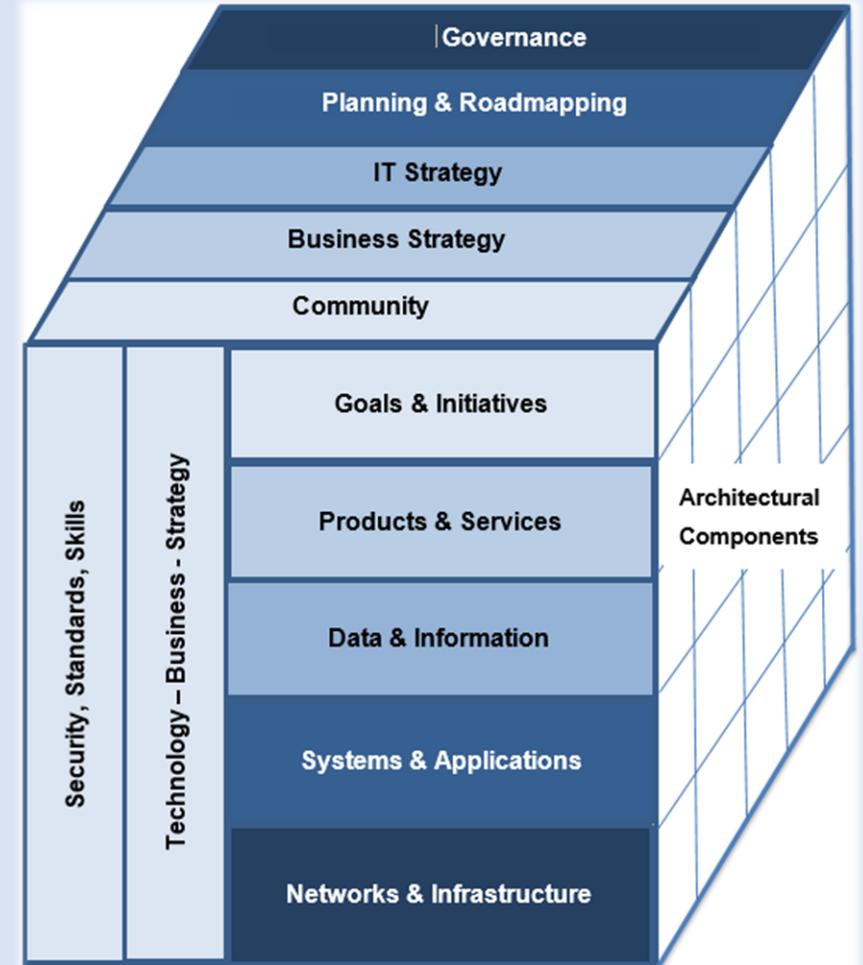
# Statewide Repository

The statewide EA repository structure follows the FEAF repository known as the “EA<sup>3</sup>” (pronounced EA Cube<sup>1</sup>)

It contains artifacts (framework documentation, guidelines, tools, templates, and views), and are available to state employees for use and contribution.

Location: [Enterprise Architecture Communities Forum](#) within CDT’s Communities portal

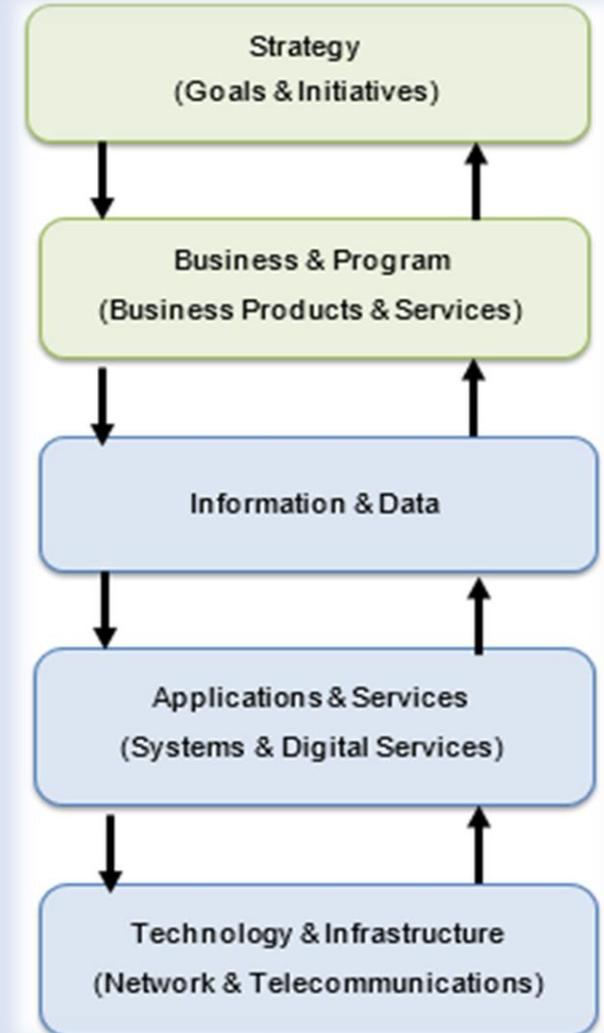
<sup>1</sup> Bernard, Scott. “EA3 An Introduction to Enterprise Architecture”. Third Edition. P.119



# Views & Viewpoints

Programs support the execution of business strategy and realization of strategic goals by defining, documenting, and integrating baseline and target perspectives, or *views*, of the organization.

Integrated views of the organization are comprised of five (5) architectures, or *domains*, that make up the enterprise. The domains are Strategy, Business & Program, Information & Data, Applications & Services, and Technology & Infrastructure.





# References

From the CDT's homepage ([www.CDT.ca.gov/services/ea-home/](http://www.CDT.ca.gov/services/ea-home/)):

[CA Enterprise Architecture Digest Presentation](#)

[CA Enterprise Architecture Digest](#)

We would like to hear from you! Provide your questions, comments and feedback regarding the CEAF Digest, in the [Enterprise Architecture Communities Forum](#).

**Thank you**