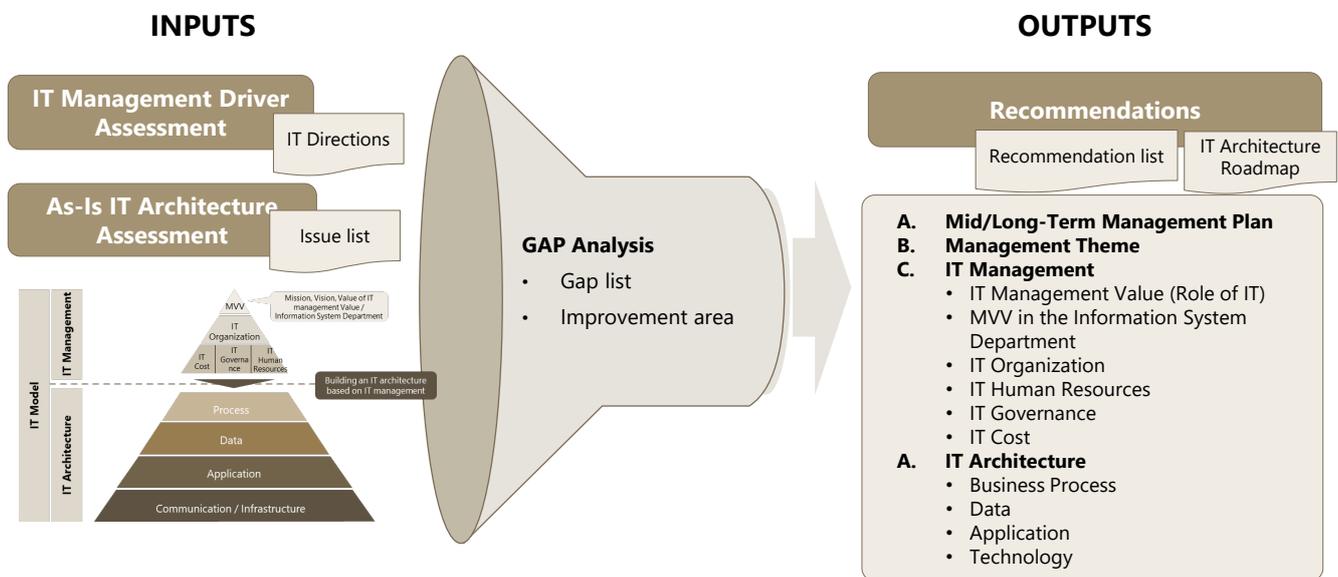# IT Architecture Assessment

IT architecture assessment is used when an organization would like to build or enhance its enterprise architecture to check whether how competent is their current architecture aligned with their organizational goals and objectives. The IT architecture assessment helps providing the insights into existing capability and maturity of its organization related to IT architecture perspective and helps organization align their three important aspects including people e.g., IT formation, process e.g., business process and governance and technology e.g., IT infrastructure with their future organizational strategy and directions.

IT Architecture Assessment Benefits

IT Architecture Model Assessment is the effective framework that can develop more visualization of those potential issues and concern points of organization's existing IT architecture and able to identify the improvement area to achieve the IT Management Directions.

INPUTS

IT Management Driver Assessment

IT Directions

As-Is IT Architecture Assessment

Issue list

GAP Analysis
- Gap list
- Improvement area

OUTPUTS

Recommendations

Recommendation list

IT Architecture Roadmap

A. **Mid/Long-Term Management Plan**
B. **Management Theme**
C. **IT Management**
- IT Management Value (Role of IT)
- MVV in the Information System Department
- IT Organization
- IT Human Resources
- IT Governance
- IT Cost

A. **IT Architecture**
- Business Process
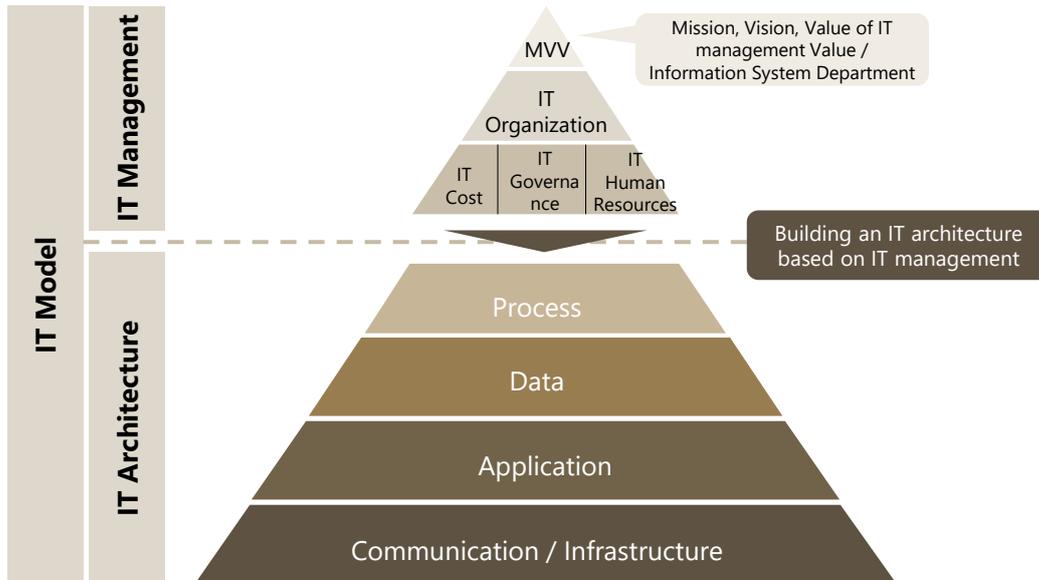- Data
- Application
- Technology

What is IT Architecture Model Assessment required?

Comparative advantage of IT Architecture Model is to understand current status of enterprise architecture and develop integrated business and IT strategy into a solid IT Architecture Roadmap as Final Assessment Report.

Understanding of Enterprise Systems

- Knowledge of enterprise systems, processes, and data
- Ability to plan and develop integration strategies

Enterprise Goals/Directions

- Understanding of both short- and long-term IT directions
- Ability to evaluate how current technology decision affect long-term enterprise goals

Cross-Enterprise Perspective

- Insight on technology use, needs across business units (Depend on client's requirement)
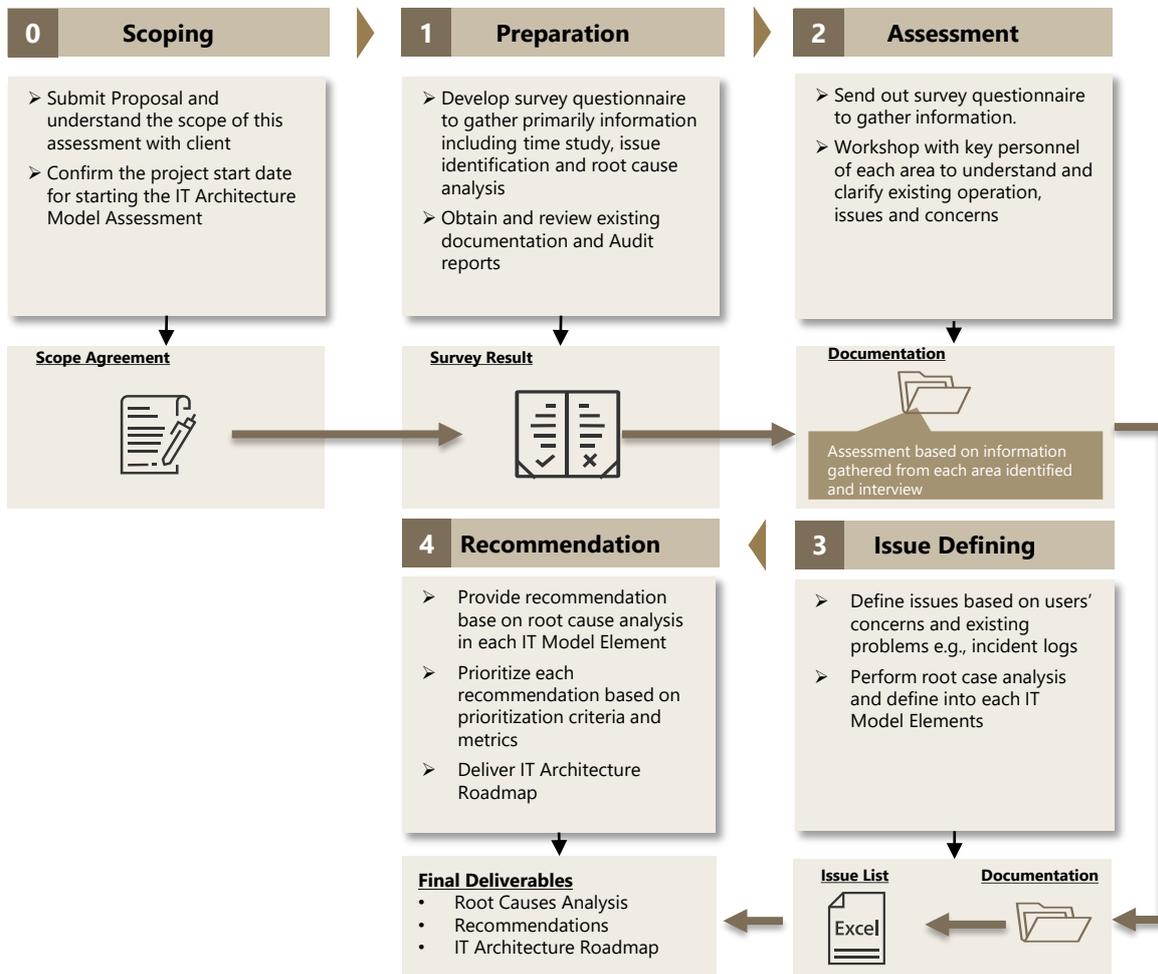- Ability to identify gap/area for improvement

IT Architecture Model Assessment Framework

Utilizing our IT model framework for IT assessment, we'll quickly consider the future image of IT architecture that is consistent with executive management and align organizational goals by identifying short- and long-term business strategy and IT directions from the IT management area and IT architecture area covering four domain of architectures namely business, data, application and technology infrastructure.
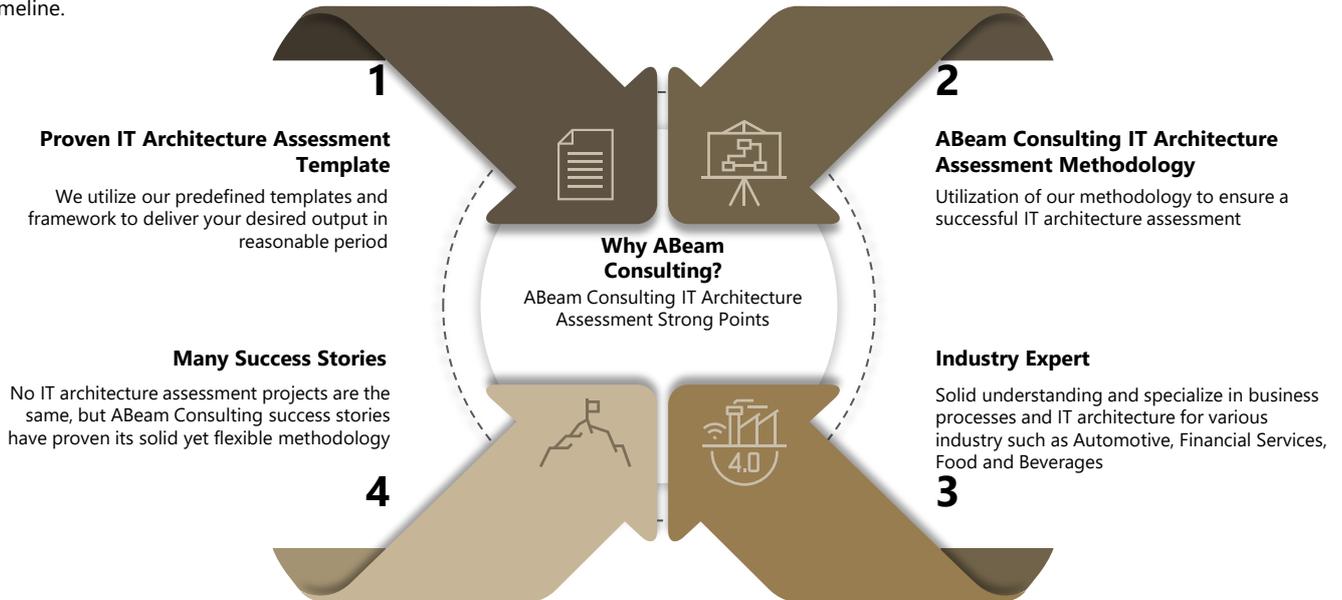

IT Architecture Model Assessment Approach

The IT Architecture Model Assessment Approach is designed for client who is looking for a quick assessment with a minimum of budget to understand their current issues, challenges and improvement area of IT Architecture.

0 Scoping	**1 Preparation**	**2 Assessment**
➢ Submit Proposal and understand the scope of this assessment with client ➢ Confirm the project start date for starting the IT Architecture Model Assessment	➢ Develop survey questionnaire to gather primarily information including time study, issue identification and root cause analysis ➢ Obtain and review existing documentation and Audit reports	➢ Send out survey questionnaire to gather information. ➢ Workshop with key personnel of each area to understand and clarify existing operation, issues and concerns

Scope Agreement

Survey Result

Documentation

Assessment based on information gathered from each area identified and interview

4 Recommendation	**3 Issue Defining**
➢ Provide recommendation base on root cause analysis in each IT Model Element ➢ Prioritize each recommendation based on prioritization criteria and metrics ➢ Deliver IT Architecture Roadmap	➢ Define issues based on users' concerns and existing problems e.g., incident logs ➢ Perform root case analysis and define into each IT Model Elements

Final Deliverables
• Root Causes Analysis
• Recommendations
• IT Architecture Roadmap

Issue List

Excel

Documentation

Why ABeam Consulting?

We understand the IT architecture assessment is one of the very crucial steps for the organization who would like to transform and expand its business to increase competitiveness in the future. With ABeam Consulting assessment and deliverables template, IT architecture model assessment framework and our proven record of past experiences and knowledges, we can support you in delivering the result within target timeline.

1

Proven IT Architecture Assessment Template

We utilize our predefined templates and framework to deliver your desired output in reasonable period

2

ABeam Consulting IT Architecture Assessment Methodology

Utilization of our methodology to ensure a successful IT architecture assessment

Why ABeam Consulting?
ABeam Consulting IT Architecture Assessment Strong Points

Many Success Stories

No IT architecture assessment projects are the same, but ABeam Consulting success stories have proven its solid yet flexible methodology

Industry Expert

Solid understanding and specialize in business processes and IT architecture for various industry such as Automotive, Financial Services, Food and Beverages

4

3

Our Experiences and Case Studies

ABeam Consulting has been providing the service to many clients in various industries, below are the selected experiences we have done with two Thai companies where we conducted the assessment of their IT architecture and provided recommendations to fix the issues.

Project Overview:
Application for Business Process Assessment and Recommendation for a Leading Power Plant in Thailand • *Aims to identify gaps and root casus, in order to determine the appropriate recommendations for optimization*
Our Solutions:

• Assessed Current issues and recommendations of four following areas;
  • Procurement
  • Inventory
  • Maintenance
  • Common area
• Identified and Prioritized Initiatives the relative of importance and ease of implementation in each action, in order to develop Initiative Roadmap as recommendations

Output and Client Impact:

• Recommended **5 highlighted initiatives** to be implemented based the prioritization as follows:
  • Establish maintenance inventory and procurement plan
  • Vendor master maintenance
  • New change request process
  • Setup monitoring dashboard for end-to-end Procurement and SLA
  • Stop workflow control procedure to support compliance
• From the above list, it could be **return as company's benefits more than 100 MTHB** with **the investment costs of only 25 MTHB**.

Project Overview:
IT Assessment Project for a Leading Logistic Company from Japan • *Aims to identify gaps and root causes, in order to determine the appropriate action items mainly from IT Formation*
Our Solutions:
• Assessed Current IT Situation & Issues and Define Root cause & Actions in each dimension as following;   • Current Application Landscape, Infrastructure/Server Landscape, Current IT Project Plan, Current IT Formation, Current IT Asset Management, Asset Information Security, and Current Business Continuity Planning • Identified and Prioritized Initiatives the relative of importance and ease of implementation in each action, in order to develop IT Improvement Roadmap
Output and Client Impact:
• Clarified Current IT Assessment and found out the fact that there are **17 fact finding, 20 issues, and 24 actions/recommendations** to improve their IT department to become the **Best IT formation** • Clarified **the scope of work for the current vendor** • Developed **Future IT Formation** and Recommend to setup **IT Helpdesk Formation/Team** with the role and responsibility in order to support all client's users in the future

For more information related to IT Architecture Assessment, please contact contactthailand@abeam.com or visit https://www.abeam.com/th/en

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