IT Architecture Assessment

Typically CEO deciding on a strategy and IT systems reflecting that strategy, there is a difference of at least 8 to 12 months.

You have identified the top 5 significant decisions that can adversely impact your Business Process & systems in next 6 months, 12 months & 3 years.

IT Architecture Assessment
- Assessment
- Consulting
- Team Enhancement
- Training
- Certification

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Key deliverables of architecture assessment

1. Architecture Mining - understanding the architecture overview
   TEMPLATE: (PowerPoint format, Excel, UML Models, MSWord, BPMN models etc.)

2. QoS Model – understanding the various quality of service context, quantification &
   engineering mechanism
   TEMPLATE: (PowerPoint format, Excel, UML Models, MSWord, BPMN models etc.)

3. Business and Stakeholder Interaction Log – Log of each stakeholder contacted, what was
   discussed
   TEMPLATE: (Excel format)

4. Preliminary Findings and Prioritized Recommendations Presentation for prototype –
   presentation outlining the findings, prioritize one of the key problem area and
   recommendations.
   TEMPLATE: (PowerPoint format)

5. Feedback Tracking Spreadsheet – An Excel Spreadsheet that tracks any feedback received.
   TEMPLATE: Excel format

6. Draft Architectural Migration Plan –
   TEMPLATE: (MSWord format)

7. Draft Architectural Migration presentation for Management – Briefing document giving
   overview of findings and recommendations
   TEMPLATE: (PowerPoint format)

Assessment engagement model

Architectures Artifacts - Mining Efforts

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<th>Strategy Models</th>
<th>Functions</th>
<th>Benefits</th>
<th>Why</th>
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<td>Strategy Models</td>
<td>Performance</td>
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<td>Business Case</td>
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<td>Strategy Models</td>
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<td>Strategy Models</td>
<td>Business Object</td>
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Types of Architecture Assessment Service - sample

1. Functionality, Extensibility, Maintainability emphasizing client
   satisfaction

2. Technology independence and use of non-proprietary technologies

3. Integration Readiness - exchange of information with other software

4. Infrastructure Utilization - ability to maximize (take full advantage of) available
   Network, Security, etc.

5. Quality of Service (QoS)

Assessment based on 19 QoS characteristics such as Usability, Reliability (Accuracy, Availability, Recoverability), Performance

Assessment to focus if Software Applications designed to fulfill business requirements and maximize the efficiency and effectiveness of business functions with the ability to scale and adapt as business requirements change and expand

Assessment to check if systems utilizes common, standard interfaces and/or middleware having the ability to interoperate and integrate with other software without requiring custom programming or intermediate, interface-specific applications.

Assessment to check the capability to conform to, and adhere to, the standards and best practices delineated in the domain architectures without requiring substantial modifications.

Assessment to focus if software applications designed to fulfill business requirements and maximize the efficiency and effectiveness of business functions with the ability to scale and adapt as business requirements change and expand

Assessment based on 19 QoS characteristics such as Usability, Reliability (Accuracy, Availability, Recoverability), Performance