Service Portfolio from ArchiTech Consulting LLC

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ArchiTech Consulting LLC is a boutique digital world architecture firm that provides consulting, R&D, and training services to IT and digital enabled enterprises and businesses. Our updated service portfolio is summarized as the following:

1) **Shared Service Platform with Cloud Computing:** It is a natural step forward to have *Business Domain Based Common Service Platforms* for business service on demand implementations, where our project of A Platform on Cloud for Education on Demand is one example. This is where Service Oriented Architecture meets Cloud Computing with Enterprise Architecture and Inter-Enterprise Architecture as useful guidance for a cohesive, open, long-term focused, disciplined, and efficient service on demand platform. There are three major innovation aspects:

   1. A new generation *Service on Demand* conceptual model based on Internet for the selected business domain
   2. The cloud service implementation model, which involves multi-tenant based multi-media digital content management system. It will evolve from Software as a Service (SaaS) to Platform as a Service (PaaS)
   3. The associated business model, service model, and operation model

   This new paradigm common service platform demands comprehensive talent, knowledge, and skills to the Chief Architects, where is the service we offer.

2) **The New Generation IT Operating Model:** Businesses and governments are experiencing a paradigm shift in how IT, Internet, and digital technologies can impact business opportunities, performance, processes, and organization dynamics. Businesses increasingly rely upon IT to achieve its goals and to implement its strategies. With technologies and products of many generations, and with stove-piped implementations, current IT complexity is growing faster than ever in replying to the required changes and integrations. IT costs are increasing exponentially. Enterprise architecture, SOA, and Cloud Computing are aimed at meeting these challenges. Our New Generation IT Operating Model is to use a *Foundation-Based Approach* with a guidance framework to provide a cohesive solution involving EA, SOA, and Cloud efforts. A white paper can be found in our website.

3) **Big Data and Knowledge Management with Enterprise Architecture:** Information can be obtained through data processing, and knowledge can be obtained through information processing. The conversion from data to information usually doesn't need to consider the information receivers. However, the conversion from information to knowledge has to consider the knowledge receivers. Knowledge to one person can be only information to another, because another person cannot comprehend it. In other words, information is target less, while knowledge has target and beholder. Therefore, for information to become knowledge, we have

to organize them for its targeted audience. We help enterprise in integrating a successful enterprise architecture development process with a process that transforms data to information, and transforms information to knowledge for its targeted audience via various views. We also offer a cohesive management approach for knowledge, information and data with the help of enterprise architecture.

4) **Enterprise System Modernization:** The demands for enterprise system modernization are driven by mainly two reasons: 1) many systems are aging, and cannot meet current e-business and e-government requirements in digital age; and 2) most enterprise architecture (EA) are created in business layer and at a high-level with limited coverage in systems and technologies, which need to be completed for system implementation. Gaps exist in most organizations between enterprise architecture and system level modernization efforts. Our Enterprise System Modernization service is to help organizations in developing solutions to close the gaps between bottom-up system modernization efforts and top-down EA endeavors. We use a Foundation-Based Approach for this effort with a Foundation-Based Framework as guidance, which providing a disciplined and systematical way to achieve Information Technology Management expectations.

5) **Enterprise Mobile Solutions:** In post PC era, we live in a world with great mobility facilitated by smart phones, tablets, laptop, etc. with wireless connections. We are living in a big *Cyber Human Social System* now, thanks to Internet. The impacts from this ecosystem to our lives are tremendous, across both of our work life and personal life; it is actually merging the line between them. The workforce productivity improvement from the usages of mobile computing is well recognized. The enterprise mobile solution is an integral part of the current changing paradigm in IT. The transformations can be considered from the following aspects:

- Enterprise Culture Transformation
- Enterprise Structure Transformation
- Communication Mechanism Transformation
- Enterprise Mobile Technology Transformation

Our enterprise mobile solution will address the above aspects to provide a comprehensive solution roadmap.