Introduction into Enterprise Architecture and a telco case study

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Abstract

An enterprise architecture (EA) is a conceptual blueprint that defines the structure and operation of organizations. The intent of enterprise architecture is to determine how an organization can effectively achieve its current and future objectives. Enterprise architecture involves the practice of analyzing, planning, designing and eventual implementing of analysis on an Enterprise.

Enterprise architecture helps businesses going through digital transformation, since EA focuses on bringing both applications and processes together

When do we need; EA 1-Company Acquisitions and assesments (valuation) 2-Digital transformations (Arch-ASIS-state -> DigitalTransformation→Arch-ToBe-state) 3- Providing the glue information between business processes and the application landscape will be shortly addressed. An real life example will be presented.

Biography

Mr. Eraslan has more than 30+ years of experience across a range of sectors including Telecommunications, ICT, Banking, Hospitality, Transportation & Gambling. He started his career in a software company (Link A.S) a systems programmer in 1987. He worked for several known enterprises such as IMKB Stock Exchange, Takas Bank, Net Holding, Ramada Hotels and Türkiye Jokey Klübü (TJK) on the fields of migration, pilot networks, development projects et cetera.

Mr. Eraslan has held sevaral managerial or high profile Architectural (Technology, IT, Enterprise) positions in Superonline (National ISP), the United Bank of Switzerland (UBS), Turkcell, Swisscom (Switzerland Telcom) and Vodafone Turkey during the last 25 years.

For the last 4 years, Mr. Eraslan served as a R&D Director for a national Defense and Space company (Pavotek), developing carrier and military grade networking equipments. He offers a blend of unique technical and managerial skills to his employers and to projects he is involved in.

Mr. Eraslan holds a Bachelor of Science degree in Control & Computer Engineering from the Technical University of Istanbul (İTÜ-1984). He is fluent in English and is a native Turkish & German speaker.

He is the father of two girls Lidya (20) & Karya (15).

His current interests are "AI on Edge Computing" and "6G networks/Terabit Ethernet"