The means by which an organization regulates and normalizes its IT framework to align with its business goals is commonly referred to as enterprise architecture (EA). EA requires analysis, outlining, planning and application of enterprise analysis in order to successfully implement business strategies. This will help a business construct IT projects and policies so that they may achieve their desired results and stay ahead of their industry’s trends or disruptions. EA as a structure can be vague since it encompasses an organization, so several methodologies exist to assist businesses.

The Open Group Architectural Framework (TOGAF) states that it has been embraced by more than 80% of the world’s leading enterprises. TOGAF supplies principles for creating, planning, applying and governing enterprise IT architecture. This framework assists organizations in creating a standardized method to EA with common terminology, suggested standards, compliance techniques, and recommended tools and software.

Federal Enterprise Architecture Framework (FEAF) introduced mandates regarding IT efficiency to ensure a high degree of integration between federal agencies. FEAF provides a specialized approach for EA practice as well as a complete classification for it. While designed for the US Government, it can also be practiced by private companies.

The NATO Architecture Framework (NAF) supplies rules, advice, and templates to establish a common denominator for comprehending, analyzing, and incorporating architectures in NATO. Applying NAF is supposed to give architectures the ability to contribute most effectively to procuring and handling cost-effective and interoperable military capabilities. NAF has a Version 4 available whose goal is to supply a norm for creating and detailing architectures for both military and business use.

The Unified Modeling Language (UML) characterizes rules and notations for distinguishing business and software systems. It isn’t a tool for creating software systems, but rather a visual language for corresponding, designing, indicating, and defining systems. There is also no method or process, UML is simply a language and is therefore flexible and useable in many ways. The UML system is generic yet comprehensive enough to serve as the building blocks for all system design necessities.

The Sherwood Applied Business Security Architecture (SABSA) focuses on both enterprise and solution levels to help develop business-driven, risk and opportunity centered Security Architectures. This seamlessly aligns and meshes security and risk management into an IT Architecture’s method and structure. SABSA ensures that the demands of your enterprise are met fully and that security services are constructed, delivered and supported as an elemental part of your business and IT management framework.

Based off the research that I have done regarding EA; I would have to choose SABSA. Since 1995, they have developed and sustained the design and certify and accredit the qualified Architects who use it in roughly 50 countries around the globe and became the ‘approach of choice’. This method is used in many diverse professions such as Banking, Nuclear Power, Information Services, Manufacturing, and Government.

References

EA Principals. *What is FEAF?* Retrieved from: <https://www.eaprincipals.com/content/what-feaf>

The SABSA Institute C.I.C. (2020). *SABSA Executive Summary.* Retrieved from: <https://sabsa.org/sabsa-executive-summary/>

Sparx Systems Pty Ltd. (2000-2021). *Unified modeling language (UML).* Retrieved from: <https://sparxsystems.com/enterprise_architect_user_guide/15.2/model_domains/whatisuml.html>

Visual Paradigm. (2021). *What is NATO architecture framework (NAF).* Retrieved from: <https://www.visual-paradigm.com/guide/enterprise-architecture/what-is-nato-architecture-framework/>

White, Sarah K. (2018, October 16). *What is enterprise architecture? A framework for transformation.* Retrieved from: <https://www.cio.com/article/3313657/what-is-enterprise-architecture-a-framework-for-transformation.html>