Design

Blueprint[4IT] Lifecycle Suite™

Adaptivity
The IT Blueprint Company™

$$\text{Adaptivity IT Design Science} = \frac{\left(\dfrac{\textit{IT Demand}}{\textit{IT Supply}}\right) + \left(\dfrac{\textit{Workload}}{\textit{DC Footprint}}\right) + \left(\dfrac{\textit{Consumption}}{\textit{Fulfillment}}\right)}{\Delta \begin{array}{l}\textit{What you}\\\textit{Leverage}\end{array} + \Delta \begin{array}{l}\textit{How you}\\\textit{Manage}\end{array} + \Delta \begin{array}{l}\textit{Quality of}\\\textit{IT Delivery}\end{array}}$$

IT Economics   *IT Physics*   *IT Supply Chain Mgt*

(Performance, Costs, Risk, Cycle Time, Productivity)

Knowledge Capital

Leveraging knowledge capital is about capturing the best practices and logic used by IT veterans to create a repeatable, consistent and business-aligned method that is codified within an embedded design process for Enterprise IT Delivery.

Adaptivity's Blueprint^{4IT} Lifecycle Suite™ Design Studio provides the IT Design precision and automation to create tailored IT Blueprints and prescriptive roadmaps that integrate architecture, engineering and system operations into business-optimized IT designs.

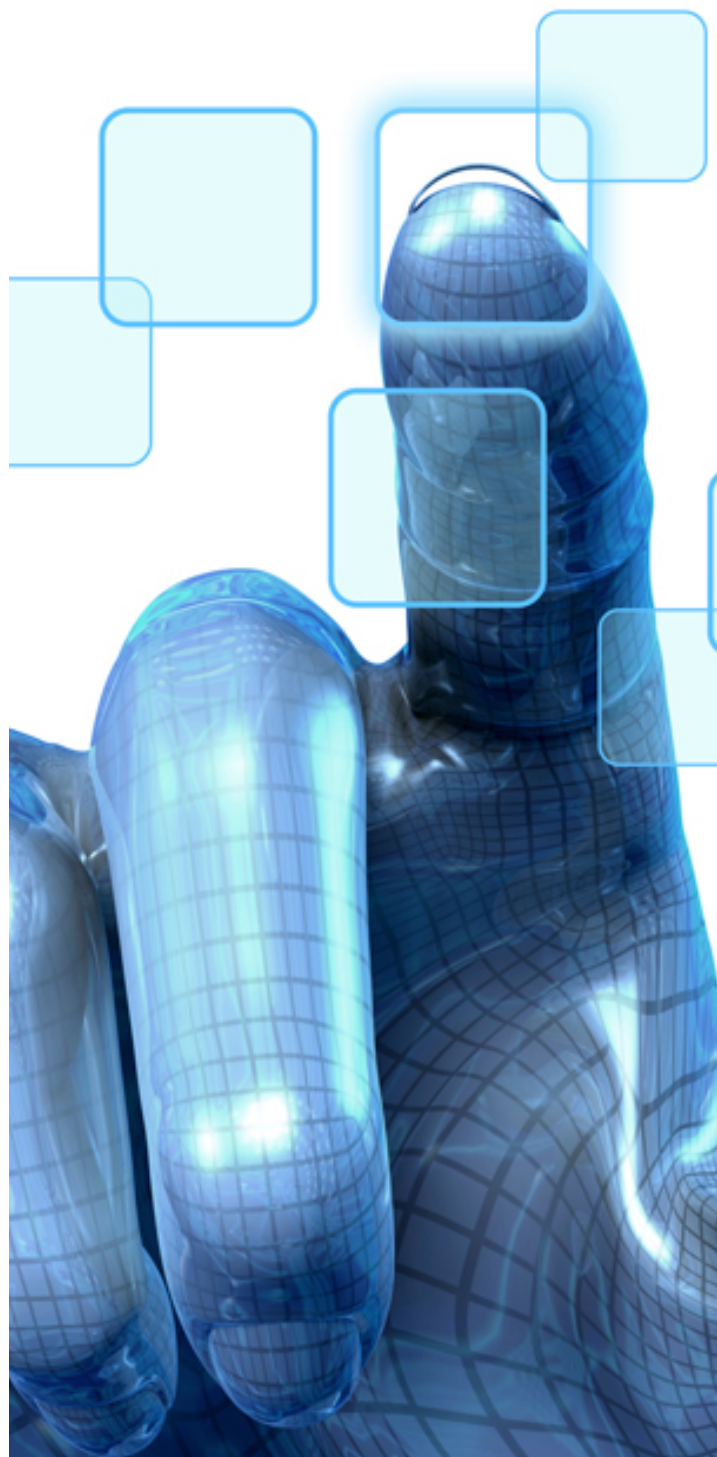**The "Living" Blueprint for Enterprise IT**
The living blueprint enables IT to embed its knowledge capital into the design and deployment process. We believe that Business Demand and IT Supply should be modeled on a continuous basis and fed into a widely accessible document – a "Living Blueprint" – that will keep business, architecture, engineering, and operations teams abreast of business needs and properly aligned.

Adaptivity's Design Studio provides the functionality needed to create that document and enable IT organizations to harvest and institutionalize their best practices, enterprise architecture standards, and technology portfolio into the Living Blueprint.

Leverage and Automate your IT Knowledge Capital
Blueprint4IT Design Studio was designed as an extensible platform that enables any IT organization to harvest and institutionalize their best practices, enterprise architecture standards and technology portfolio. This allows you to codify your rules for how to properly architect, engineer and operate your IT Supply Chain within acceptable thresholds for business performance, agility and efficiency.

With this knowledge captured within the Design Studio you can now leverage the automation available to consistently implement and apply your rules, standards and best practices to optimize legacy infrastructure operations and accelerate delivery of new services.

The Design Studio provides an intelligent platform that leverages a combination of data import adapters and knowledge modules to unify Enterprise IT through an integrated execution blueprint.

Mission Impossible: Data-Driven Design

You can't optimize what you don't understand. Adaptivity's Design Studio leverages adapters and an intuitive profiling interface that integrates both human- and system-generated data from your environment to create an objective baseline. This enables you to make better decisions and continually evolve IT capabilities while maintaining business-IT alignment.
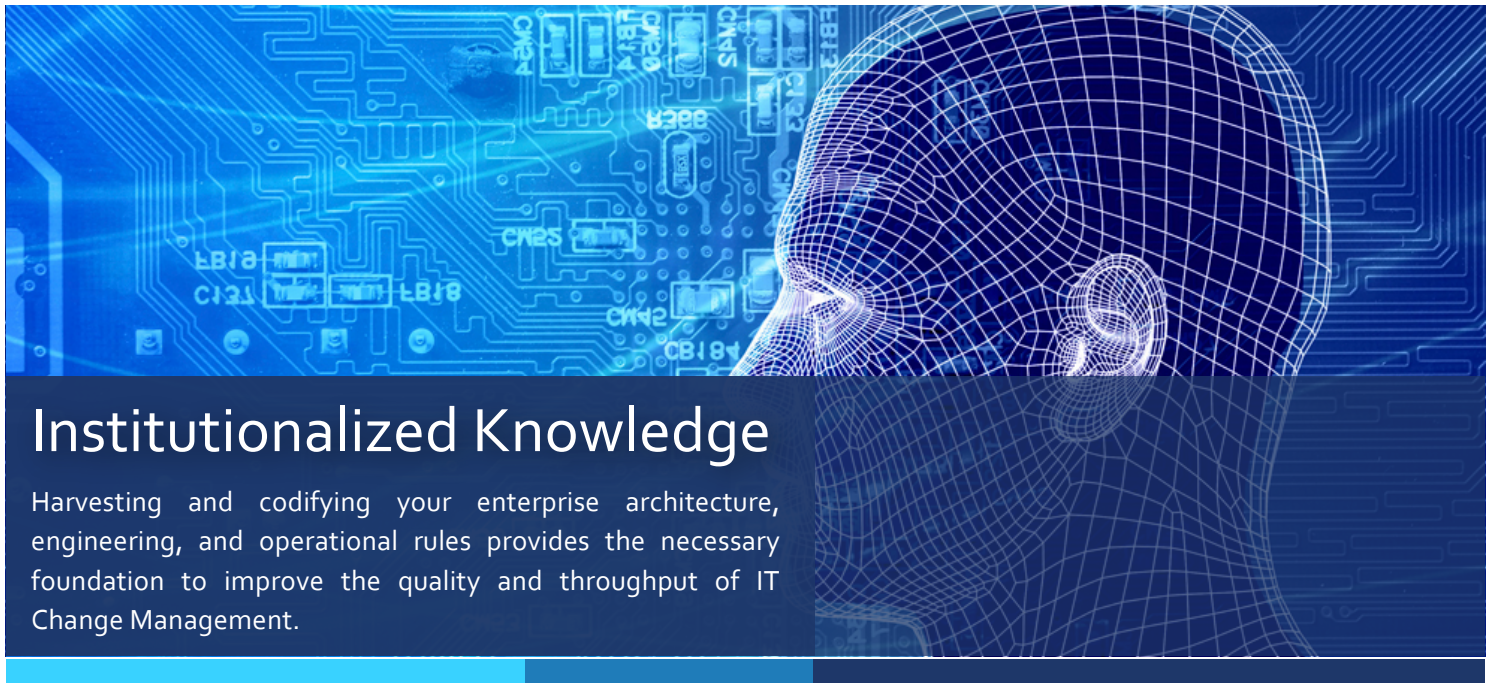
Playbooks to Success

The Design Studio provides workflow-driven program templates for Application Optimization, Data Center Transformation and Cloud Computing that can be adapted to your assessed maturity level. These programs identify the required execution roadmap with the hardware and software capabilities needed to drive your program to the desired target state.

Complexity Simplified

In today's IT environment there are multiple dimensions to consider when building and managing IT. The goal is to get the design right the first time, and make sure it is properly deployed in the run-time environment. The Design Studio takes care of understanding the relationships and dependencies between the business drivers, workload requirements, infrastructure capabilities and the various IT deployment models to ensure selection and design of IT infrastructure solutions satisfy the business needs.
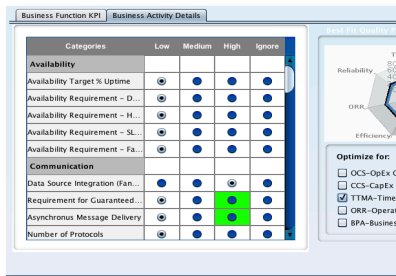
Lifecycle Automation

Creating a consistent and optimized process for embedding architecture guidance for applying your standards, rules and best practices requires an automated workflow that is integrated around how to design, build and run IT infrastructure and services.

Institutionalized Knowledge

Harvesting and codifying your enterprise architecture, engineering, and operational rules provides the necessary foundation to improve the quality and throughput of IT Change Management.

Business Optimized Designs

Linking workload requirements to IT architecture, engineering and operations enables your IT organization to deliver solutions optimized for the way that business activities collaborate, the concurrency of that collaboration, and how they operate to provide business products and services to their clients. This context-based design approach drives significant IT
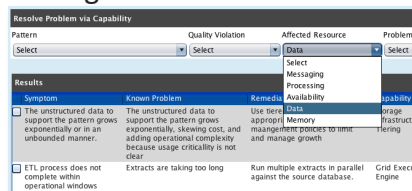
Known Problem / Known Remediation Database

The Design Studio provides a very rich and robust repository containing the typical problems causing disruptions to normal service operations within a datacenter. This knowledge is built around our patterns, which enable the tool to discern not only what the most likely issue is affecting certain resources or service level targets, but also which solution(s) are best suited to resolve the problem.

Solution Evaluation & Fitness Analysis

Constraints and trade offs are a normal part of operations in the life of an IT delivery organization. It is a challenging task to understand how different technologies or deployment models impact the ability to meet business demands. The Design Studio provides an auto-generated, visual heat map that clearly identifies how well your combinations of technical and process capabilities satisfy business workload requirements.

From Patterns to Bill of Materials

Any good blueprint not only provides the diagrammatic rendering of what is to be built, but also identifies the appropriate materials for building the solution to specification. The Design Studio provides a prioritized list of what capabilities are needed as well as the recommended provider of each capability for turnkey program execution – from design

> *"We believe that our Blueprint⁴ᴵᵀ Lifecycle Suite will radically transform the business of IT and create a sustainable competitive advantage for our clients and partners." - Tony Bishop, Founder & CEO*

Flexible and Extensible Algorithmic Design Engine

The design engine provides you with a baseline of expert knowledge that can be tailored to your needs. It is based on an Enterprise IT taxonomy of 300+ capabilities that allow you to standardize the use of hardware, software and processes. The algorithmic design engine is driven by workload and KPIs, and influenced by a maturity model. With the Design Studio's Blueprint Development Kit (BDK) you can re-engineer your design process to take advantage of the algorithmic design engine and automated blueprint generation capabilities. This BDK enables you to define custom blueprint sheets and design rules. It also allows you to import your own reference architecture and engineering builds to maintain compliance with your technology standards.

Dynamic Blueprint Generation

Each IT Blueprint provides different levels of information to users based on roles. The Design Studio auto-generates blueprints that provide the engineering specification and operational model required to deliver business optimized IT services along with the bill of materials and roadmap to ensure turnkey deployment execution. This type of visualization is possible due to Adaptivity's patented Dynamic Server Graphics technology.

About Adaptivity

The IT Blueprint Company™

Adaptivity was founded in 2007 to help companies address the complexities associated with IT design and implementation. Adaptivity's Blueprint4IT Lifecycle Suite™ enables intelligent IT design decisions to be integrated into repeatable actions across the technology build and deployment lifecycle. This is accomplished by providing access to a content rich repository consisting of a blueprint library, knowledge database and data contributions from ecosystem partners.

Blueprint4IT Lifecycle Suite™ enables companies to plan and implement with the precision needed to ensure desired system outcomes are achieved. Whether seeking to rationalize an IT portfolio or design a cloud program companies use our tailored blueprints to optimize legacy infrastructure operations and accelerate the delivery of new IT services.

Adaptivity Blueprint[4IT] Lifecycle Suite™ – Design Studio

For more information

Please visit our website at http://www.blueprint4it.com

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