DECISION DRIVEN® SOLUTIONS FRAMEWORK

The Decision Driven® Solutions Framework is a unique suite of integrated web applications that can simplify and align your Systems Engineering, Product Development and Strategic Planning processes. Powered by our Decision Driven® Information Architecture, the framework enables seamless traceability between stakeholder needs, requirements, decisions, solution designs, implementation plans and roadmaps.

SMART METHODS

The Decision Driven® Solutions Framework is built around a set of lean, integrated methods that will guide your thinking as you tackle complex engineering and strategy tasks. These methods leverage the Decision Driven® Information Architecture to control the attributes and business rules (i.e. decomposition and link policy) associated with each class of engineering and strategy knowledge. These built-in controls ensure that your users produce consistent and seamless work products that inform, confirm or implement the decisions that drive the success of your project, product or strategy.
FRAMEWORK—COMMON FEATURES
The Decision Driven® Solutions Framework uses a “learn once, use everywhere” design philosophy. No longer will you have to master the complex user interface for multiple tools and use clunky, point-to-point integrations to synchronize data stored in multiple files and locations.

When using our framework you will enjoy common visualizations and behaviors across all types of engineering and strategy knowledge. Data access, navigation, decomposition, traceability/linking, knowledge patterns, importing, filtering, views, discussion threads, reporting, baselines/history, metrics and attachments operate the same way across all tools. You will manage diverse types of knowledge from within a single virtual desktop that runs within your browser.

These simple, common features enable a broad base of stakeholders and subject matter experts to collaborate and share their expertise. Rather than depending on a few requirements or architecture specialists to push occasional reports to the masses, the Decision Driven® Solutions Framework facilitates continuous, real-time interaction around key requirements, decisions and solution concepts.

Your data is securely hosted in our dedicated cloud server; simple administration features gives you control over all your projects, groups, users and tools. Web delivery provides you with software updates without the need for desktop installations of multiple applications. You will be free to focus on the quality of your thinking, not slogging through the complexity of managing multiple disjointed tools, integrations, databases and environments.

CORE TOOLS
Your subscription to the Decision Driven® Solutions Framework includes a core set of web applications that are designed to accelerate and enhance your product development process.

STAKEHOLDER NEEDS ANALYSIS
You will use the Stakeholder Needs tool to capture the voice of your customers, sift through competing and overlapping needs, organize these needs using an affinity process, clarify and refine these needs with collaborative discussion threads and prioritize these refined needs as an input to formal product or system requirements.

REQUIREMENTS ANALYSIS
You will use the Requirements Analysis tool to capture and decompose operational requirements (use cases) into a flow of actions and associated performance requirements and constraints. You will define your system/product requirements using a simple, yet powerful functional decomposition model. You will maintain explicit traceability between your stakeholder needs, use cases and requirements to ensure a complete understanding of your customers’ problem. You will conduct online requirements reviews guided by discussion threads that have been populated by your stakeholders and subject matter experts.
DECISION MANAGEMENT
You will create a Decision Breakdown Structure (DBS) that identifies and prioritizes the operational, design and lifecycle decisions that will drive the success of your project. You will use this DBS as a data-gathering and evaluation framework to guide your decision analysis and modeling & simulation efforts.

You will use the Decision Trace Tool (DTT) and Decision Analysis Tool (DAT) to capture and communicate your decision rationale, manage decision consequences and maintain decision-requirement traceability and decision-plan traceability. You will grow a set of decision patterns for your business that may be used to jump-start future projects and improve decision speed, quality and efficiency.

SYSTEM ARCHITECTURE
You will use our Architecture tool to build logical and physical architecture models of your products/systems and to allocate your requirements to the models. You will capture functional, physical, data and control interactions between architecture elements.

POWERFUL OPTIONS
You can magnify the power of the Decision Driven® Solutions Framework for your organization by licensing one of our unique options.

DECISION DRIVEN® ROADMAPS
The Decision Driven® Solutions Framework includes an optional extension that supports technology, product, platform, capability and strategy roadmaps. With the Decision Driven® Roadmap option you will fast-forward your Decision Breakdown Structure into the future to forecast the future state of your most critical decisions. You will align your Research & Development and Product Development projects with the capabilities that you and your customers need and proactively identify and resolve gaps in these capabilities. You will facilitate strategic collaboration between the parts of your organization or supply chain.
PROJECTPROTECTOR™

Decisions create risks and opportunities! Every decision analyzed within the Decision Driven® Solutions Framework includes the ability to assess risks and opportunities that factor into the selection of a best-fit solution. As soon as you commit to implement a specific alternative, you buy into all the risks and gain the opportunities associated with that alternative.

The Decision Driven® Solutions Framework includes an optional extension, the ProjectProtector™, to enable you to formally manage these risks and grow these opportunities. You will jump-start your risk mitigation and opportunity growth planning to protect the implementation of your decisions.

TRANSFORMATIONAL SERVICES

*Decision Driven® Solutions exists to help you (our customer) accelerate your ideas into world-transforming solutions.*

To enable this vision, we combine our unique and powerful tools with truly transformational services that include methods training, project jumpstarts, knowledge pattern development and refinement, Decision Driven® process design and customized software applications and integrations. We want to become your preferred partners in helping you succeed.

FREE TRIAL

Transformational change takes serious and creative thinking, bold leadership (that’s you!) and stakeholder buy-in.

To get you off to a great start, we offer a 60-day free trial of our Decision Driven® Solutions Framework. This gives you the time to explore what the framework can offer and apply these tools to a significant pilot project that will give you a taste of the benefits to come.

During your trial, we are happy to come along side at no cost to help you maximize your results. When you decide to subscribe to the Decision Driven® Solutions Framework, your pilot data will be migrated to your production database so that you don’t lose momentum.

Start a trial today at www.decisiondriven.com or by sending an email request to solutions@decisiondriven.com.