

# Solution Design Package

A practical design with balance of Process and Technology

This service is a packaged tailored offering from Suthars, offering clients an implementation design for a specific functionality or for a more wholistic solution. Our Solution Design as a Service offering caters for client's Existing BAU Enhancements, In-flight IT Initiatives, as well as new IT Initiatives.

## Our Approach

Our design approach focuses on these critical aspects from the beginning of the design engagement:

Scope/Requirement with Business Context



Production Go-Live impact of the solution for systems availability

- Duration of Out of Hours - Acceptable disruption during Business Hours for roll out



Delivery Duration to align with existing IT Roadmap, Organisational Goal or critical Business Operational change.



Active System Design Changes under Existing In-flight Initiatives



Upcoming Scheduled System Design Changes under any New Initiatives

## Our Solution Design Delivery

We aim to deliver our Solution Designs with two types of artefacts:



### 1. SOLUTION DESIGN DOCUMENT

**Our Solution Design Document includes:**

- Scope/Requirement of the Solution Design with Business Context
- Identified critical aspects for the Solution Design
- Any existing solution design work already performed by the client
- Existing Business Processes provided by the client
- Solution Design Packages



### 2. SOLUTION DESIGN DIAGRAMS

**Our Solution Design Diagrams includes:**

- Sequence Diagrams outlining Information Request-Response flow across applications or screens within applications.
- Application Component Diagram - describing implementation required at User Interface Layer, Business Layer or Data Access Layer within Application.
- Data Model with Updated Entities - Diagram showing changes to the entities supporting the solution design.

# Process for delivering Solution Design

**01.**

## INITIATION

Introduction to sponsors of engagement. Introduction to Implementation team (PM, Delivery Lead, Solution Architect, Analysts and Technical Implementors)

**02.**

## DISCOVERY AND COLLABORATION

- Discussions with Implementation team
- Identify and capture critical aspects for solution design
- Review of existing documentation
- Applications and Integration solution design workshops with critical aspects

**03.**

## DESIGN WALKTHROUGH, PRESENTATION AND FEEDBACK

Presentation to Implementation team and the sponsors. The feedback is collected and addressed before delivery of the Design artefacts.

**04.**

## SOLUTION DESIGN DELIVERY

Delivery of Design artefacts to the sponsors.

## Requests to Client during Solution Design engagement

- ✓ Access to existing documentation for current system implementation
- ✓ Access to existing Business Process documents
- ✓ Read Access to source code for a set duration
- ✓ Read Access / Shadow walkthrough of configuration & functionality of systems within non-PROD/ PROD instance (PROD is only in the case when there is environment specific configuration just within PROD, equivalent of which do not exist in non-PROD environments)
- ✓ Read access to Data stores or Data Models with Sample Data (Application databases, Datawarehouse DB or API endpoints) for the data used within the solution
- ✓ Availability of Sponsors and Stakeholders for discussions

**Solution Design and its artefacts are based on the identified critical aspects at the beginning of the engagement. If client identifies any changes to any of the five critical aspects or direction, then proposed solution design must be reviewed and updated as a separate engagement or extension to the current engagement.**



Let's talk about how we can help make system management simpler and more effective.

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