

Building Solution Frameworks

A white paper



L&T Infotech

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Solution Framework Definition

Solution framework consists of the knowledge repository of business scenarios and its related business processes for the Energy and Petrochemical (E&PC) industry. This framework enables project implementation team members to capture and analyze the client's business processes and work on as is and to be business scenarios for ERP mapping and configuration. The framework bundle also offers various tools and approach papers required for ERP Solution deployments.

Approaches to Building Solution Framework

SAP's Solution Manager is proposed to build solution frameworks for different spaces identified in solution framework matrix. SOLMAN would be used to create global templates for each proposed solution as an offering for (E&PC) customers.

Building Scenarios

Multiple process steps would define a business process while a combination of various related business processes would define a Business Scenario. The framework would consist of business scenarios required for the implementation of a solution.

Global Templates

A global template would consist of a full bundle of business scenarios and processes offering for an E&PC customer. These templates would be ready to use and would serve as take off points for the project team responsible for delivering ERP solution to the customer.

The Solution Framework Matrix

The concept of solution framework matrix aims at defining the scope and capability to be built for a solution. The matrix is built around a frame of Task type & Business type. Business type represent various business offerings or enquires from the customers and Task type represents the overall boundary or scope for the business offering/enquiry. This matrix is shown in Exhibit 1.

Business Type →	Implementation	Support	Upgrades	User training	Rollouts	Integration
Task Type ↓						
Vanilla						
Advanced						
End-to-end						
Pre-configured						
Niche area						
White space						
Out-of-box						

Exhibit 1: Solution Framework Matrix

Task type definitions

Vanilla: These tasks are limited to typical software capabilities. Vanilla implementations are software implementations without additional developments and other changes in the basic software/ERP applications.

Advanced: Tasks involving implementation of advanced embedded and/or add-on functionalities to an ERP system. For example, Supply Chain Management (SCM), CRM, Middleware, Web connectivity etc.

End-to-End: Tasks involving implementations of end-to-end business process. For example "Procurement to Payment", "Inquiry to Cash" etc. These tasks would include multiple module implementations that are required to cater to the specific business process.

Pre-configured: Where SAP/JDE pre-configured ERP implementations are undertaken.

Niche Area: Tasks which are undertaken to cater to a very specific business activity within an existing business process. Niche area solutions are specifically developed/offered to the customers. Niche tasks may provide a replacement to the existing way of doing the activity by the customer. For example, RFID for a tank / truck.

White Space: These are tasks/solutions, which are undertaken to bridge the gaps identified in business process handling by SAP ERP system. White spaces would be identified and solutions would be built to address the identified gaps. Generally SAP/JDE would not have any road map for White space solutions. These solutions would also be certified by SAP.

Out-of-Box: - L&T Infotech's pre-configured clients. These solutions would be built based on L&T Infotech's implementation experiences of the past. Outbox offering targets customers



who do not wish to involve their own manpower for SAP implementation and would like to adapt best practices straightway from the ERP's offering.

About L&T Infotech

L&T Infotech offers domain-specific IT services and solutions. We are sharply focused on a set of industries that include manufacturing, banking and financial services, insurance, energy and petrochemicals and telecom (product engineering services). We are part of Larsen & Toubro, a multi-billion dollar engineering and construction conglomerate. We leverage this unique business-to-IT connect to offer the winning edge to our clients.

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