

## **“Achieve greater productivity”**

e-SPIR provides an online portal for consultants and contractors to provide asset data, asset specifications, spare parts listings, preventive maintenance schedules, and more.



# **e-SPIR**



## **eSolutions**

### **Contact Us**

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# Main Features

**Workflow Process;** A formal process driven by an electronic workflow is provided to allow an organization to review and approve spare parts interchangeability records (SPIR's) and visualize the complete spare parts requirement. Workflow is enabled to automate Projects & SPIR records process flow

**Data Capture;** All data captured by the online portal is structured such that upon review and approval, it can be transferred automatically to the organizations asset management or enterprise resource planning system

**Spare parts;** Allows for initiation of spare parts data collection through specific Contractors and their relevant Vendors against a particular Project

**ERP/EAM Integration;** Uploads finalized SPIR records into production EAM or ERP through API

**Online Access;** Accessible online, no pre-requisites.

**Common platform;** Uses similar platform as IBM Maximo EAM, hence simplifies the terminologies.

**Procurement Integration;** Integrated with other e-Procurement solutions if available such as supplier registration for unified access for Suppliers.

**Reports;** Reports available with the system for validation and progress monitoring include:

- Cost Control Detail & Summary
- Project Cost Summary
- BOM by Equipment
- Item Duplicate Check
- SPIR Print / Approval Sheet
- SPIR List of Materials with Interchange Item Report
- SPIR Progress Tracking
- Analysis of 2 Years Operational Spares and Costing

**Multiple Roles:** The following roles are supported and used to drive the business process, assign responsibilities, and partition data:

- Project Management Team
- EPC Contractor

- Vendor
- Supply Chain Team
- Operations / Technical Support
- Originator/Users (Authorized individuals only)
- Owner (Dynamic value)



## Use Case

An organization in the process of acquiring new assets will receive a considerable amount of data during design, procurement, construction and commissioning, from the various parties involved including (often) multiple consultants, vendors, and contractors.

One of the more challenging aspects of preparing for commissioning of a new package of assets is gaining visibility of the required upcoming spare parts purchase and reconciling the various different quantities proposed by vendors, contractors, and reconciling these quantities across multiple projects and referencing internal inventories.

## Main Advantages

- The system consists of a set of applications designed to capture and validate data. The components correspond to an application suite where data is entered and cross validated. All applications are supported with the ability for suppliers to add and update their data via Excel, or through direct data entry in the applications provided.
  - The e-SPIR structure indicates that a number of independent SPIR's can be created under a project, each with its own assets and spares.
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