

# Project Resource Planning

*Enhance your ability to plan complex projects with a rich set of features, including date synchronization, impact analysis and simulation tools*

Now all of your projects can have the planning visibility needed to stay on schedule and respond quickly to change. glovia G2 Project Resource Planning provides multilevel planning tools, which include an easy-to-use workbench for developing and modifying plans online. You can optimize your planning capabilities with sophisticated simulation, date synchronization and impact analysis features to assure on-time and on-target projects.

## *Advanced Service Planning*

Project Resource Planning (PRP) provides a sophisticated set of planning tools for material-based, service-only and service-plus-material projects. PRP plans and re-plans activities and tasks, synchronizes dates and performs impact analyses and simulations to improve on-time completion.

Through the glovia G2 Project Management Interface application, PRP can access Microsoft Project to enhance scheduling, graphic displays and networking capabilities. By associating routings and bills of material with service items, PRP ensures that materials and resources get to the right place at the right time.

## *Analyzing “What-Ifs”*

Project Resource Planning offers a variety of tools for developing “what if” scenarios and analyzing their impact. Simulations allow you to view anticipated changes to planned orders; multilevel pegging provides full visibility to all items in a bill of material; impact analysis displays the imploded, multilevel impact of lead-time delays. PRP reconciles dates between contracts, projects and orders/displays mismatches. You can then synchronize dates based on multiple options to determine the best plan for your requirements.

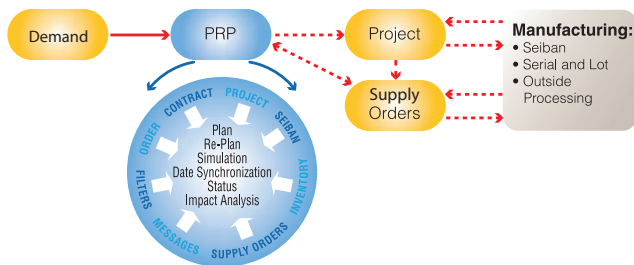
## *Workbench Utility*

A workbench provides a single point of entry for developing and modifying plans and accessing necessary data files. This allows you to make optimal use of resources and to respond quickly and appropriately to scheduling changes.

## *Revising a Project*

Because requirements can change, Project Definition allows you to modify project activities and schedules easily. To analyze the effects of schedule changes, activity start and end dates can be calculated in glovia G2 Project Resource Planning and saved in Project Definition for later reference.

## *The Project View of Demand & Supply*



### *Lot-for-Lot Versus Seiban*

For cost effective purchasing and production, PRP allows you to choose either consolidated or lot-for-lot planning. In lot-for-lot planning, supply order quantities are matched to demand quantities with variables such as scrap factor taken into consideration. This structure enables multilevel pegging and is especially useful for engineer-to-order and make-to-order items.

Consolidated planning in PRP is addressed by way of glovia G2 Seiban functionality. Using Seiban, a unique number is assigned to an assembly line. All component items are then assigned the same number. Costs can be assigned to each component item and rolled up using Seiban costing.

### *PRP Workbench Actions*

The actions that can be performed on items in the Workbench include:

- Establish initial dates based on demand or linked task
- Generate supply orders
- Reconcile dates based on linked task
- Re-plan demand/supply
- Perform impact analysis
- Conduct simulations
- Establish Seiban

### *PRP Workbench Displays*

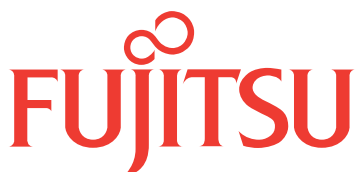
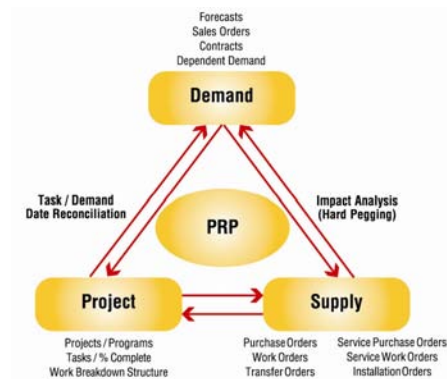
- Exceptions only
- Single level
- Multi-level
- PRP items only
- Critical items only
- By customer
- By date range
- By Seiban
- Multi-level status by customer
- Multi-level status by individual demand

### *Date Reconciliation Options*

During reconciliation, PRP will synchronize dates based on one of the following options:

- Reconcile task dates to contract line item dates
- Reconcile contract line item dates to task dates
- Reconcile task dates to supply order dates
- Reconcile supply order dates to task dates
- Reconcile material line item dates to delivery line item dates
- Reconcile delivery line item dates to material line item dates

### *Glovia Triangle ©*



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