Integrated Project Management in SAP ECC or S4 HANA

SAP Certified
Powered by SAP NetWeaver®

SAP Certified
Integration with SAP S/4HANA®
Business Challenges

Why Noveco?
Noveco Solution Overview
How Quickly Can It Be Implemented?
Our Customers
Business Challenges

**Symptoms:**

- You use SAP Project System as a cost collector
- All planning, forecasting and reporting is done outside of your SAP system

**As a result:**

- High use of excel spreadsheets
- No information transparency and consistency
- Lack of standardization
- High cost of month end processes
- Inaccurate project reports
- Wrong revenue recognition
Business Challenges

What are your options:

• Continue using excel spreadsheets
• Search for a third-party non-SAP product, integrate it with SAP ECC or S4 HANA
• Follow your PS consultant recommendations to develop complex solution in BPC
• Implement complex and expensive SAP CPM tool based on BI platform
• Implement Noveco solution in your SAP ECC or S4 HANA system (no BW, BO or BPC are required)
Business Challenges

**Why Noveco?**

Noveco Solution Overview

How Quickly Can It Be Implemented?

Our Customers
Noveco is a family of seamlessly integrated software components designed to **simplify** SAP standard Project System (PS) and **enhance** it with missing functionality such as cost and revenue estimating, project forecasting, variation management and reporting **directly** in SAP.

Noveco enables integrated financial management of your project lifecycle **directly inside** your SAP system.
Noveco System Architecture

- No middleware (BI, BO etc.)
- No interfaces
- No custom tables
- Always real-time
- Rich functionality
- Automatic forecasting
- Simple and intuitive interface
- Minimum training
- Quick implementation
Project Management Lifecycle

**Efficient Project Management**

- **Project Initiation**
  - Estimating: Costs and Revenues
  - Project Structure & Planning
  - Budget Approval
  - Start/Finish Dates Scheduling
  - Plan Cost Distribution

- **Execution**
  - Purchase Orders / Contracts
  - Time Sheets
  - Invoicing & Billing
  - Variations
  - KPIs Review
  - Cost / Margin Forecast
  - Resource Planning
  - Progress Analysis
  - Materials and Procurement forecast

- **Monitoring & Forecasting**
  - Estimating: Costs and Revenues
  - Project Structure & Planning
  - Budget Approval
  - Start/Finish Dates Scheduling
  - Plan Cost Distribution

- **Reporting**
  - Operational
  - Dash Board
  - Programs/Portfolio
  - Analytical

- **Project Close Out**
  - Final Settlement
  - Project Close
  - Settlement
  - Result Analysis/Profit Take
  - Period Close

- **Period Closing**
  - Settlement
  - Result Analysis/Profit Take
  - Period Close

Run by Noveco
Run by SAP or other software
SAP Project System with Noveco

**SAP standard Project System (ECC or S/4)**
- Create and maintain Project structure: WBS and Networks
- Plan Cost and Revenue
- Schedule Dates
- Assign Purchase Orders to Project
- Assign Maintenance and Production orders to Project
- Assign Sales Orders to Project
- Collect Actual Cost and Revenue
- Settle Costs
- Run Result Analysis
- Reporting

**Noveco**
- Estimation: Revenue and Costs
- Create Cost and Revenue Plan from Estimate
- Distribute (time phase) Cost, Commitments and Revenue
- Forecast remaining costs to complete and calculate Estimate at completion
- Progress Analysis
- Project Risk Management
- PO Accruals Management
- Variation Management
- Forecast History
- Reporting
Integrated Project Management in SAP PS with Noveco

- Cost & Revenue Estimating
- Project Manager Workbench
- Cost, Revenue Forecasting
- Progress Analysis
- Variation Management
- Comprehensive Reporting
Integrated Project Management in SAP

* Project Portal / Reporting

Profit Take (Result Analysis)

Dashboard reporting

Portfolio Planning

Reporting & Analysis

Monitoring

Forecasting

Progress Tracking

* Project Manager Workbench

Planning

Execution

Variations

* Estimate: Cost & Revenue

Create Project

Schedule Dates

Procurement, Time Sheets, Invoicing, Billing

* Project Variations

* Noveco Applications
Why Noveco?

Noveco adds the following functions to your SAP PS:

• Cost and Revenue Estimating
• Create Cost and Revenue plan from Estimate by drag & drop
• Project Cost and Revenue Forecasting (automatic recalculation and manual adjustment)
• Project Variations Management fully integrated with Budgeting, Revenue and Cost Forecasts
• Accruals Management by Purchase Order
• Procurement from the Workbench
• Budget Management with complete change history
• Built-in Progress and Earned Value Analysis
• Risk Management (Threats and Opportunities)
• Enables periodic monthly forecasting with complete forecast history tracking (no version copy)

Noveco is built inside SAP and is natively and seamlessly integrated with all SAP modules (no cost transfer, no interfaces or data exchange, no additional database to manage)
Business Challenges
Why Noveco?

Noveco Solution Overview

Estimating
Project Manager Workbench
Project Manager Portal
Variations and Issues

How Quickly ePM Can Be Implemented?

Our Customers
Estimate Structure

- Multi-Level Estimating Tree Hierarchy with work packages and sub-packages
- Version and Status Control
- Fully integrated with Project Costing
- Easy Interface
Transfer cost from the Estimate to Project by drag & drop estimate objects to project WBS or NWA
Transfer Costs from the Estimate To Project

Transferred Costs and Revenue will be saved on PS CO version.

This way you can create project baseline cost values without manual entry.
Business Challenges
Why Noveco?

**Noveco Solution Overview**

- Estimating
  - Project Manager Workbench
- Project Manager Portal
- Variations and Issues

How Quickly ePM Can Be Implemented?
Our Customers
Project Manager Workbench

- Review project KPI
- Automatically re-calculates project cost to complete (CTC) and Estimated at Completion (EAC)
- Manually update cost forecasts where required
- Update Project Progress
- Full forecast history tracking
- Graphical representation of project KPI
- Supports monthly review cycle using planning period concept
- Manual distribution of Budget, Cost To Complete and Purchasing Commitments
- Drill-down into transactional data: open orders, line items, Purchase Orders etc.
- Variation Management
- Risk Analysis
- Workbench uses PS info-system to read and write and resides directly in SAP.
- No BW, BI-IP etc. is required.
- No interfaces, no data transfer
Automatic reduction of Costs and Work To Complete from Actual Costs and Commitments
Cost To Complete are redistributed into the future automatically
Forecast changes are logged
Project Manager Workbench

Displays cumulative values of: Budget, Estimated costs at Completion (EAC), Cost To Complete (CTC), Revenues, Actual costs, Commitments. Values are aggregated by project or selected WBS.
Manually Distribute Budget, Cost To Complete (CTC), Commitments

Distribute by one WBS or network or WBS hierarchy

Distribute by Value Category, Resource or individual cost element
**Progress Analysis**

Plan POC calculated by the system from distributed plan values

Actual POC initially copied from calculated POC and changed manually

Calculated POC calculated by the system from actual values

Easy and intuitive interface

Earned Values and POC are calculated on "Refresh" (no additional steps required)

User can change Actual POC after system recalculation

All data saved back in SAP ECC (no additional custom tables)
Business Challenges
Why Noveco?

**Noveco Solution Overview**

- Estimating
- Project Manager Workbench
- **Variation Management**
- Project Manager Portal

How Quickly ePM Can Be Implemented?
Our Customers
Review Project variation history.
See List of all Variations drill down to variation document.
Business Challenges
Why Noveco?

**Noveco Solution Overview**

- Estimating
- Project Manager Workbench
- Variation Management

*How Quickly ePM Can Be Implemented?*

Our Customers
Project Manager Portal inside ECC

- Project Portal presents all projects assigned to a project manager.
- Personalized project selection is created, saved and “remembered” by the system.
- Projects exceptions and Key Performance Indicators are displayed against each project.
- Graphical representation of project KPIs:
  - For all project portfolio
  - Selected project(s), WBS or network activity
- Drill down to key business transactions:
  - Project Builder, Project Manager Workbench, reports, line items
Project Manager Portal inside ECC

• Displays cumulative values of: Budget, Estimated costs at Completion (EAC), Cost To Complete (CTC), Revenues, Actual costs, Commitments
• Values are presented By entire portfolio (group of projects) or by selected project or WBS
**Project Manager Portal inside ECC**

Displays historical trends from the beginning of the portfolio (or project):
- Budget, Estimated At Completion (EAC), Cost To Complete (CTC), Revenues, Profit Margin etc.

You can see how your portfolio or a project evolved over time.

Values are presented by entire portfolio (group of projects) or by selected project or WBS.
Project Manager Portal inside ECC

Review your Budget, Cost To Complete and Estimated Cost at Completion by Value Categories by Period
How Quickly Noveco ePM can be Implemented

- Technical installation takes approximately 30 minutes (Add-On installation)
- SAP PS and Noveco configuration takes 2 hours to complete
- You may review your value categories and cost element groups
- You will run Noveco in your **SAP Test** environment the same day you installed it
- Implementation in Production environment will be different in each individual case
Business Challenges
Why Noveco?
Noveco Solution Overview
How Quickly Can It Be Implemented?

Our Customers
Our Customers

LafargeHolcim

Hydro Tasmania

Powercor Australia

CITIPower

TRILITY

PENTAIR

PACIFIC POWER

SP AusNet™

A member of Singapore Power Group

Cofinimmo
together in real estate

Sedgman

PETROSEA

Member of Indika Energy Group

Newcrest Mining Limited

Optus

thyssenkrupp
For more information visit Noveco Systems on www.novecosystems.com