

Emerald's P6 Loader v2.0

Manipulate large or complex data sets in and out of P6 with ease. No manual data entry required.

INNOVATIVE PRODUCTIVITY TOOLS

The P6 Loader is one of many exclusive add-on tools offered by Emerald that increase efficiency, flexibility and accuracy in conjunction with Primavera tools.

Emerald add-ons for P6 include:

- **CAPPS** (Capital Project Progressing System)
- **TAPS** (Turnaround Progressing System)
- **EP-dashboard** and **EP-datawarehouse** Enterprise Reporting Tools.

Emerald also offers add-ons and loader solutions for Primavera Contract Management and Unifier.

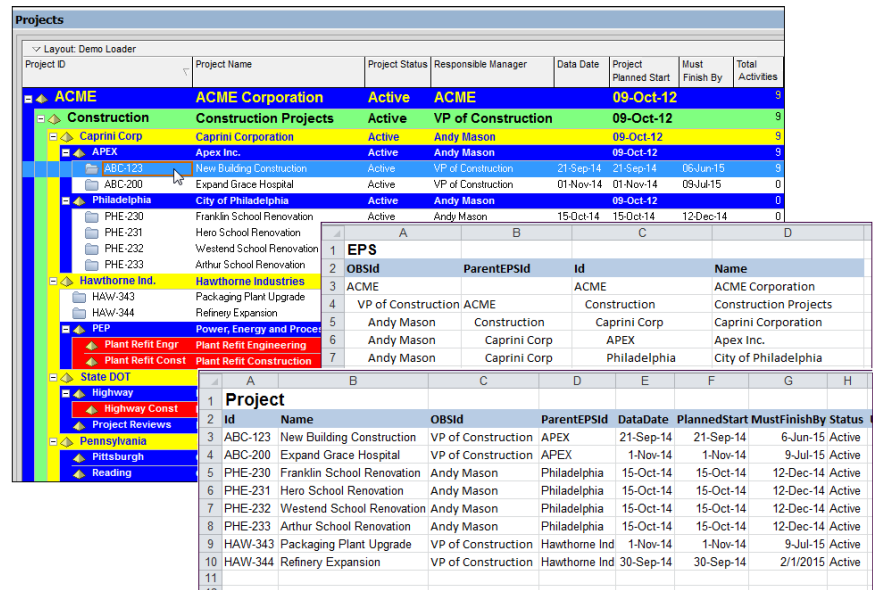
THE CHALLENGE

Project teams often have the need to import data into P6 from legacy scheduling systems, other applications (ERP, estimating, accounting, Excel, etc.) or when making project updates. The manual data entry required to make these changes involves extensive time and effort and/or expensive custom integrations or middleware. Loading enterprise data, such as global Activity Codes, isn't possible with P6's out-of-the-box functionality. Additionally, cleaning up data elements in an existing P6 environment, making mass modifications to P6 data and the EPS structure, or saving database backups can be lengthy and difficult processes that are sometimes not possible to accomplish with P6's standard import/export functionality.

THE SOLUTION

The Emerald P6 Loader is a flexible and secure solution to automate Primavera P6 data loading and updating. The P6 Loader gives users the ability to import and export nearly every data element available in P6, allowing for the movement of data back and forth between Primavera P6 and Excel in a controlled manner. Emerald's P6 Loader goes above and beyond P6's built-in Excel and XER import functionality and keeps your data safe (unlike the recently unsupported SDK) by only pushing data through the Primavera API's.

With version 2.0, export capabilities have been significantly enhanced. Users can now move entire P6 environments over to a new instance, export dictionaries into Excel and conveniently manipulate them before reloading them back into P6. The tool can even enable disaster recovery by creating backups of an entire database including global data (baselines, global dictionaries, assignments etc.).



Project ID	Project Name	Project Status	Responsible Manager	Data Date	Project Planned Start	Must Finish By	Total Activities
ACME	ACME Corporation	Active	ACME		09-Oct-12		9
Construction	Construction Projects	Active	VP of Construction		09-Oct-12		9
Caprini Corp	Caprini Corporation	Active	Andy Mason		09-Oct-12		9
APEX	Apex Inc.	Active	Andy Mason		09-Oct-12		9
ABC-123	New Building Construction	Active	VP of Construction	21-Sep-14	21-Sep-14	06-Jun-15	9
ABC-200	Expand Grace Hospital	Active	VP of Construction	01-Nov-14	01-Nov-14	09-Jul-15	0
Philadelphia	City of Philadelphia	Active	Andy Mason		09-Oct-12		0
PHE-230	Franklin School Renovation	Active	Andy Mason	15-Oct-14	15-Oct-14	12-Dec-14	0
PHE-231	Hero School Renovation	Active	Andy Mason	15-Oct-14	15-Oct-14	12-Dec-14	0
PHE-232	Westend School Renovation	Active	Andy Mason	15-Oct-14	15-Oct-14	12-Dec-14	0
PHE-233	Arthur School Renovation	Active	Andy Mason	15-Oct-14	15-Oct-14	12-Dec-14	0
Hawthorne Ind.	Hawthorne Industries	Active	VP of Construction				0
HAW-343	Packaging Plant Upgrade	Active	VP of Construction				0
HAW-344	Refinery Expansion	Active	VP of Construction				0
PEP	Power, Energy and Process	Active	VP of Construction				0
Plant Refit Engr	Plant Refit Engineering	Active	VP of Construction				0
Plant Refit Const	Plant Refit Construction	Active	VP of Construction				0
State DOT	State DOT	Active	VP of Construction				0
Highway	Highway	Active	VP of Construction				0
Highway Const	Highway Const	Active	VP of Construction				0
Project Reviews	Project Reviews	Active	VP of Construction				0
Pennsylvania	Pennsylvania	Active	VP of Construction				0
Pittsburgh	Pittsburgh	Active	VP of Construction				0
Reading	Reading	Active	VP of Construction				0

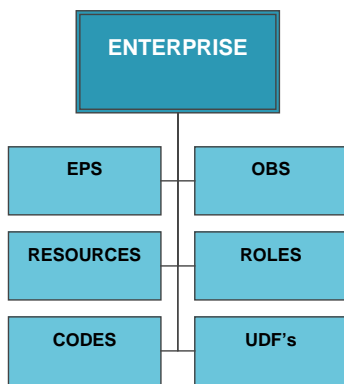
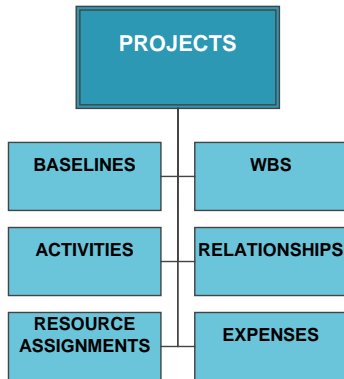
1	A	B	C	D	E	F	G	H
1	EPS							
2	OBSId	ParentEPSId	Id	Name				
3	ACME		ACME	ACME Corporation				
4	VP of Construction	ACME	Construction	Construction Projects				
5	Andy Mason	Construction	Caprini Corp	Caprini Corporation				
6	Andy Mason	Caprini Corp	APEX	Apex Inc.				
7	Andy Mason	Caprini Corp	Philadelphia	City of Philadelphia				

1	A	B	C	D	E	F	G	H
1	Project							
2	Id	Name	OBSId	ParentEPSId	DataDate	PlannedStart	MustFinishBy	Status
3	ABC-123	New Building Construction	VP of Construction	APEX	21-Sep-14	21-Sep-14	6-Jun-15	Active
4	ABC-200	Expand Grace Hospital	VP of Construction	APEX	1-Nov-14	1-Nov-14	9-Jul-15	Active
5	PHE-230	Franklin School Renovation	Andy Mason	Philadelphia	15-Oct-14	15-Oct-14	12-Dec-14	Active
6	PHE-231	Hero School Renovation	Andy Mason	Philadelphia	15-Oct-14	15-Oct-14	12-Dec-14	Active
7	PHE-232	Westend School Renovation	Andy Mason	Philadelphia	15-Oct-14	15-Oct-14	12-Dec-14	Active
8	PHE-233	Arthur School Renovation	Andy Mason	Philadelphia	15-Oct-14	15-Oct-14	12-Dec-14	Active
9	HAW-343	Packaging Plant Upgrade	VP of Construction	Hawthorne Ind	1-Nov-14	1-Nov-14	9-Jul-15	Active
10	HAW-344	Refinery Expansion	VP of Construction	Hawthorne Ind	30-Sep-14	30-Sep-14	2/1/2015	Active



P6 LOADER

Use Emerald's P6 Loader to load data into virtually all data elements in P6.



TECHNICAL SPECS

- Client: IE / Firefox / Chrome
- Application Server: Tomcat or Weblogic
- 256 MB RAM, 1GB free disk space
- Java Runtime Environment: JRE 6
- Primavera API Compatible Database (EPPM)

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Activity % Complete	Actual Labor Units
ABC-123	New Building Construction	48.00d	21.00d	22-Sep-14 A	26-Nov-14		110.00d
Design and Engineering							
A1000	Kickoff	10.00d	0.00d	22-Sep-14 A	06-Oct-14 A	100%	40.00d
A1010	Design and Engineering	10.00d	0.00d	22-Sep-14 A	06-Oct-14 A	100%	40.00d
Procurement							
A1020	Procurement	5.00d	1.00d	09-Oct-14 A	15-Oct-14	80%	60.00d
Foundation Construction							
A1030	Foundation Construction	10.00d	7.00d	10-Oct-14 A	24-Oct-14	30%	10.00d
Structural							
A1040	Structural	15.00d	15.00d	16-Oct-14	05-Nov-14	0%	0.00d
Rough-In							
A1050	Rough-In						
Close-In							
A1060	Close-In						
Finishes and Closeout							
A1070	Finishes and Closeout						
A1080	Completion						

THE BENEFIT

There is a definite need for efficiency in data manipulation processes related to the transfer of global and project related information. Emerald's P6 Loader can significantly accelerate P6 implementations, monthly statusing from multiple P6 systems, clean-up efforts and project updates. Its user friendly nature means that it can be used by any user without requiring database administrator knowledge or security privileges and requires little to no training. Because the loader uses the P6 API's, security profiles created in P6 are respected by the loader and there is no need for a user to be a Project Superuser in order to update an existing schedule.

PRODUCT HIGHLIGHTS

User Friendly

- Web based with remote site updating functionality
- Export only what you need by defining the project(s) and module(s)
- Requires little to no training for those familiar with P6

Saves Time

- Load into all of the data dictionaries within P6 (EPS, OBS, Resources, Roles, Activity Codes, Project Codes, Resource Codes, Cost Accounts, etc.) and create User Defined Fields and missing code/dictionary values
- Streamline project updates from contractors without giving access to P6 using a more robust approval process than Reflection allows
- Update baselines without restoring those baselines into projects

Saves Money

- Load information into P6 from another system without building a custom dedicated integration (expenses, timesheet hours, etc.)

Secure

- Works through P6 API so P6 security is respected and the system is always supported by Oracle
- Prevents database corruptions that can occur when manipulating XER files

- CALGARY
- EDMONTON
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