DataBridge for Primavera P6

Load a P6 schedule into BFVZ PowerGantt in three steps

1. Export from P6

1. Open the project (one or several) in P6 Professional or P6 EPPM.
2. **File > Export**. Choose **Primavera PM - (XER)**, then **Project**.
3. Tick the project(s) and finish. Save the `.xer` file somewhere you can find it.

> That is the whole export. No layout, no column picking, no Excel. An XER always contains activities, WBS, relationships, calendars, resources and assignments, whatever your screen layout shows.

2. Load in Power BI

1. Double-click `BFVZ_DataBridge_P6_v2.pbit`.
2. Paste the full path to the `.xer` into **P6_FilePath** (for example `C:\Exports\Program.xer`).
3. Leave **DataDateOverride** blank unless you want to force a different status date. Blank uses each project's own data date from the file.
4. Click **Load**. A **P6_TASKS** table appears in the Data pane.

3. What you get

PowerGantt field	From P6
TaskID	Activity ID. Predecessors use the same IDs, so every relationship resolves.
ProjectName / ProjectID	Project WBS root name / Project ID (short name)
WBSPath / Phase	Full WBS path from the project node down (backslash-separated, same as P6's WBS Path) / first WBS level under the project
StartDate / FinishDate	Actual dates when present, otherwise current (remaining early) dates, otherwise planned
BaselineStart / BaselineFinish	Planned dates. XER files carry no separate baseline unless a baseline project is exported.
PercentComplete	Follows each activity's percent-complete type (Duration, Units or Physical)
PredecessorList	`A1000FS, A1010SS+5d` -- Activity ID + relationship type + lag in working days

MilestoneType	Start Milestone / Finish Milestone. WBS Summary activities are excluded; Level of Effort activities are tagged LOE in DataLabel.
Resources	Flattened per activity: ResourceName (comma-separated), ResourceDiscipline (role, or resource type), BudgetedWork, ActualWork, ResourceCapacity, BudgetedCost, ActualCost
Extras	TotalFloat (working days), IsCritical (float <= 0 or on the longest path), ConstraintType, ConstraintDate, DataDate. GridColumn1 = status, GridColumn2 = constraint date.

Multi-project XER files work as-is; each activity carries its own project name and data date.

Mapping into PowerGantt

Drag these fields into the PowerGantt wells of the same name:

- ProjectName
- Phase
- TaskName
- TaskID
- MilestoneType
- PredecessorList
- StartDate
- FinishDate
- BaselineStart
- BaselineFinish
- PercentComplete
- BaselinePercentComplete
- DataLabel
- ResourceName
- ResourceDiscipline
- BudgetedWork
- ActualWork
- ResourceCapacity
- GridColumn1
- GridColumn2
- WBSPath
- Company, OwnerPM, OwnerController, ContractorPM (blank; fill from your own data if wanted)

In the Format pane, Schedule & Layout > Hierarchy Source: choose **WBS Path** for the full tree, or leave **Project > Phase** for the two-level view.

> **BaselinePercentComplete** is computed by the bridge: where each task should be at the data date according to its baseline dates (calendar-day linear interpolation, 0 to 100). Tasks without baseline dates are left blank.

Refreshing and reusing

- Re-export to the same file path and click **Refresh** in Power BI.
- To point at a different file: Home > Transform data > Edit Parameters.
- To add the bridge to an existing report, use the `.pq` text version: in Power Query create the parameters listed at the top of the file (Manage Parameters > New), then New Source > Blank Query > Advanced Editor, paste, Done.

Privacy

The bridge is Power Query code only. It reads the file you point it at and nothing else. No add-ins, no services, no data leaves your machine.