Earned Value

Instructions for Merlin Project

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Earned Value - Status June 2018

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Note for Merlin Project Express users

The following functions can only be found in Merlin Project.

Earned Value

The Earned Value analysis is related to the current status date.

The columns are related to the current status date, therefore

1. please switch on the time line first (it shows the status date of the project), so you have a better overview of the calculations.

   See the Time scale guide to learn more about the time line.

2. check the set Project Status Date: Settings > General > Status Date

   Is it set to automatic? Are grey dates displayed in Merlin Project? Then the Status Date is the Today Date.

Is it set to a different date? Merlin uses this date as the status date for the project.

How the values are calculated

BCWS corresponds to the planned costs up to the current status date in the project.

ACWP corresponds to the current costs up to the current status date in the project.

BCWP indicates how high the originally planned costs were up to the current completion. Merlin uses the current completion and uses the planned values (gray bars) to calculate the costs, with the view what if the planned bars were already completed.

The schedule variance calculates BCWP - BCWS

Cost variance calculates BCWP - ACWP

Cost Performance Index (CPI) calculates BCWP / ACWP

Total cost estimate calculates ACWP + ((PlannedCost - BCWP) / CPI)

Variance at completion calculates PlannedCost - TotalCostEstimate

All Earned Value contain only values up to current status date in the project!