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3.12.08 Project Chart

The **project chart** implements the project-related charts. This includes the project overview chart, the [work breakdown structure](#) (project structure plan), target/actual comparison chart for projects and jobs, the [milestone-trend-analysis](#) chart, the visualization of [degree of completion](#), time sheets and a skill matrix.

The following charts can be generated here:

- [Project Overview Chart](#)
- [Project Structure Plan \(Work Breakdown Structure\)](#)
- [Project Chart Target/Actual](#)
- [Jobs Target/Actual](#)
- [Milestone-Trend-Analysis](#)
- [Degree of Completion Chart](#)
- [Skill-Matrix](#)

Project Overview Chart

This chart generates an overview of the most relevant key figures of the project. Here, the plan and actual time/effort and incurred costs/revenues are displayed as planned and actual values for the projects and sub-projects. Additionally in this chart, offer values and invoice values as well as degree of completion of projects and sub-projects are listed.

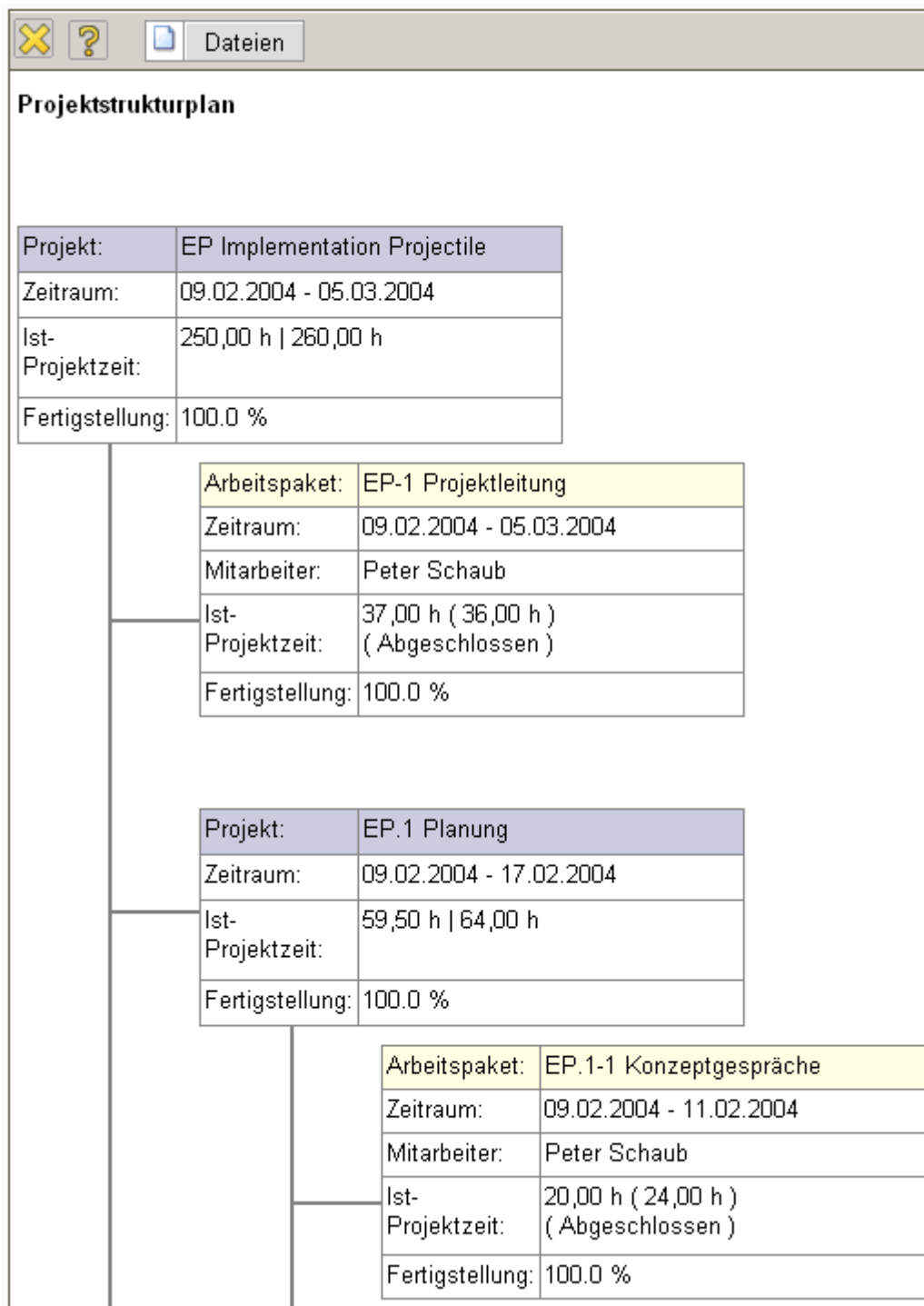
The planned costs specify the internal cost which are based on the planning data of the [jobs](#) and from the [budget administration](#). The internal costs are determined from tracking and recording ([TimeTracker](#)) and [cost recording](#). The project budget is, if necessary, defined in the project and the planned revenue is calculated from the external evaluation of the jobs and budget administration. The external revenue specifies all billable services in the system (time and costs).

Projektübersicht											
Projekt	Plan [h]	Ist[h]	Differenz Aufwand [h]	Plankosten [EUR]	Ist-Kosten [EUR]	Differenz Kosten [EUR]	Planumsatz [EUR]	Angebotsbetrag	Ist-Umsatz [EUR]	Differenz Umsatz [EUR]	Fertigstellung
EP Implementation Projectile	36,00	37,00	-1,00	8.520,00	3.354,28	5.165,72	11.500,00	34.840,00	33.366,28	-21.866,28	100,00
EP.1 Planung	64,00	59,50	4,50	3.080,00	2.782,50	297,50	6.400,00	0,00	0,00	6.400,00	100,00
EP.2 Customizing	128,00	117,00	11,00	9.998,00	4.545,50	5.452,50	16.280,00	0,00	0,00	16.280,00	100,00
EP.3 Einführung	32,00	36,50	-4,50	2.720,00	3.125,00	-405,00	3.040,00	0,00	0,00	3.040,00	100,00
NAV Navision interface	8,00	22,00	-14,00	2.304,00	836,00	1.468,00	2.800,00	25.120,00	25.120,00	-22.320,00	60,00
NAV.1 Planung	72,00	37,75	34,25	2.264,00	1.352,75	911,25	7.600,00	0,00	0,00	7.600,00	0,00
NAV.2 Schnittstelle	76,00	52,00	24,00	4.480,00	3.640,00	840,00	6.800,00	0,00	0,00	6.800,00	0,00
NAV.3 Basissystem	72,00	131,25	-59,25	3.800,00	5.547,50	-1.747,50	5.760,00	0,00	0,00	5.760,00	0,00
	488,00	493,00	-5,00	37.166,00	25.183,53	11.982,47	60.180,00	59.960,00	58.486,28	1.693,72	

Project Structure Plan (Work Breakdown Structure)

The Work Breakdown Structure diagram illustrates the project structure. The [work breakdown](#)

structure (project structure plan) in Projectile displays the relationship of the **project** and the sub-projects with the corresponding **jobs**. The logical structure of the project (project structure/project hierarchy) down to the jobs level is visualized graphically. This chart also contains important planned and actual data of the projects, sub-projects and jobs.



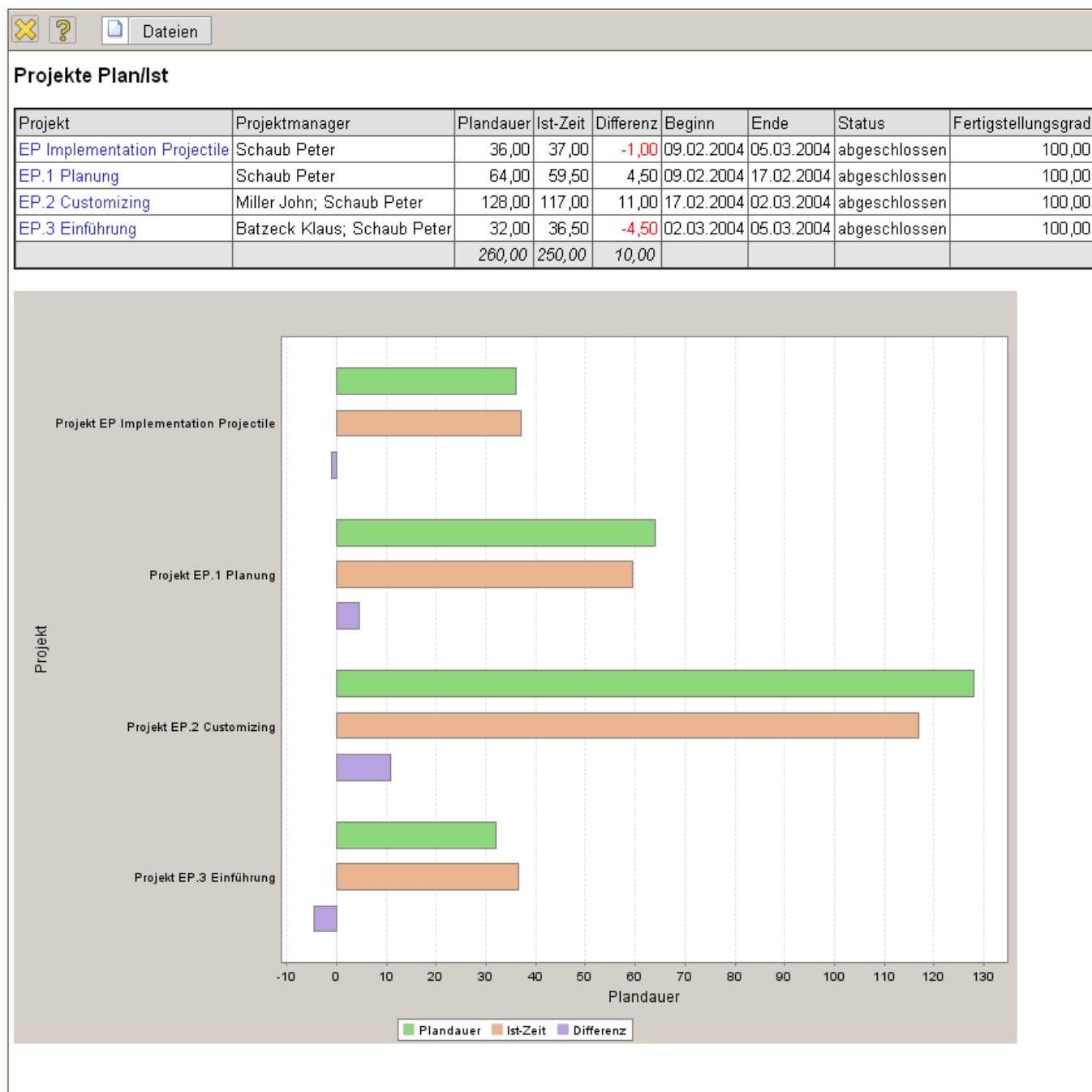
Project Chart Target/Actual

The project chart target/actual provides an overview of the work services of the individual **projects** including the corresponding sub-projects. The target times and actual times for the project are displayed as a diagram and as a list. The planning data is determined directly through the assignment

of the jobs to the project or sub-project and the actual times are used through tracking and recording in [TimeTracker](#).

The chart also contains information for planned-start and planned-end, of the project status and the estimated [degree of completion](#).

The chart can display the planned data and actual data graphically, if the option “with image” (format tab) is set.



Jobs Target/Actual

The chart **jobs target/actual** provides an overview of the work services of the individual [jobs](#) of the selected projects. The planned times and actual times for the work packages are displayed as a diagram or as a list. The planning data is determined through jobs and the actual times are used

through tracking and recording in [TimeTracker](#).

The chart also contains information for planned-start and planned-end of the jobs, of the status (including the due date) of the jobs and the estimated [degree of completion](#) through TimeTracker.

Arbeitspakete Plan/Ist												
Projekt	Auftraggeber	Vorgang	Mitarbeiter	Plan [h]	Ist [h]	Rest [h]	Differenz	Plan-Beginn	Plan-Ende	Ist-Ende	Status	Fertigstellung [%]
EP.1 Planung	CONSULT GmbH	EP.1-2 Pflichtenheft erstellen	Meier Dieter	40,00	39,50	0,00	0,50	11.02.2004	17.02.2004	17.02.2004	erledigt	100
EP.2 Customizing	CONSULT GmbH	EP.2-2 Dokumentation	Meier Dieter	24,00	26,00	0,00	-2,00	26.02.2004	01.03.2004	02.03.2004	erledigt, verspätet	100
EP.2 Customizing	CONSULT GmbH	EP.2-1 Entwicklung	Miller John	96,00	79,50	0,00	16,50	17.02.2004	26.02.2004	27.02.2004	erledigt, verspätet	100
EP.3 Einführung	CONSULT GmbH	EP.3-2 Schulung	Müller Julia	24,00	28,50	0,00	-4,50	03.03.2004	05.03.2004	08.03.2004	erledigt, verspätet	100
EP Implementation Projectile	CONSULT GmbH	EP.1 Projektleitung	Schaub Peter	36,00	37,00	0,00	-1,00	09.02.2004	05.03.2004	08.03.2004	erledigt, verspätet	100
EP.1 Planung	CONSULT GmbH	EP.1-1 Konzeptgespräche	Schaub Peter	24,00	20,00	0,00	4,00	09.02.2004	11.02.2004	11.02.2004	erledigt	100
EP.2 Customizing	CONSULT GmbH	EP.2-3 Testen	Schaub Peter	8,00	11,50	0,00	-3,50	26.02.2004	01.03.2004	01.03.2004	erledigt	100
EP.3 Einführung	CONSULT GmbH	EP.3-1 Installation	Schaub Peter	8,00	8,00	0,00	0,00	02.03.2004	03.03.2004	03.03.2004	erledigt	100
				260,00	250,00	0,00	10,00					

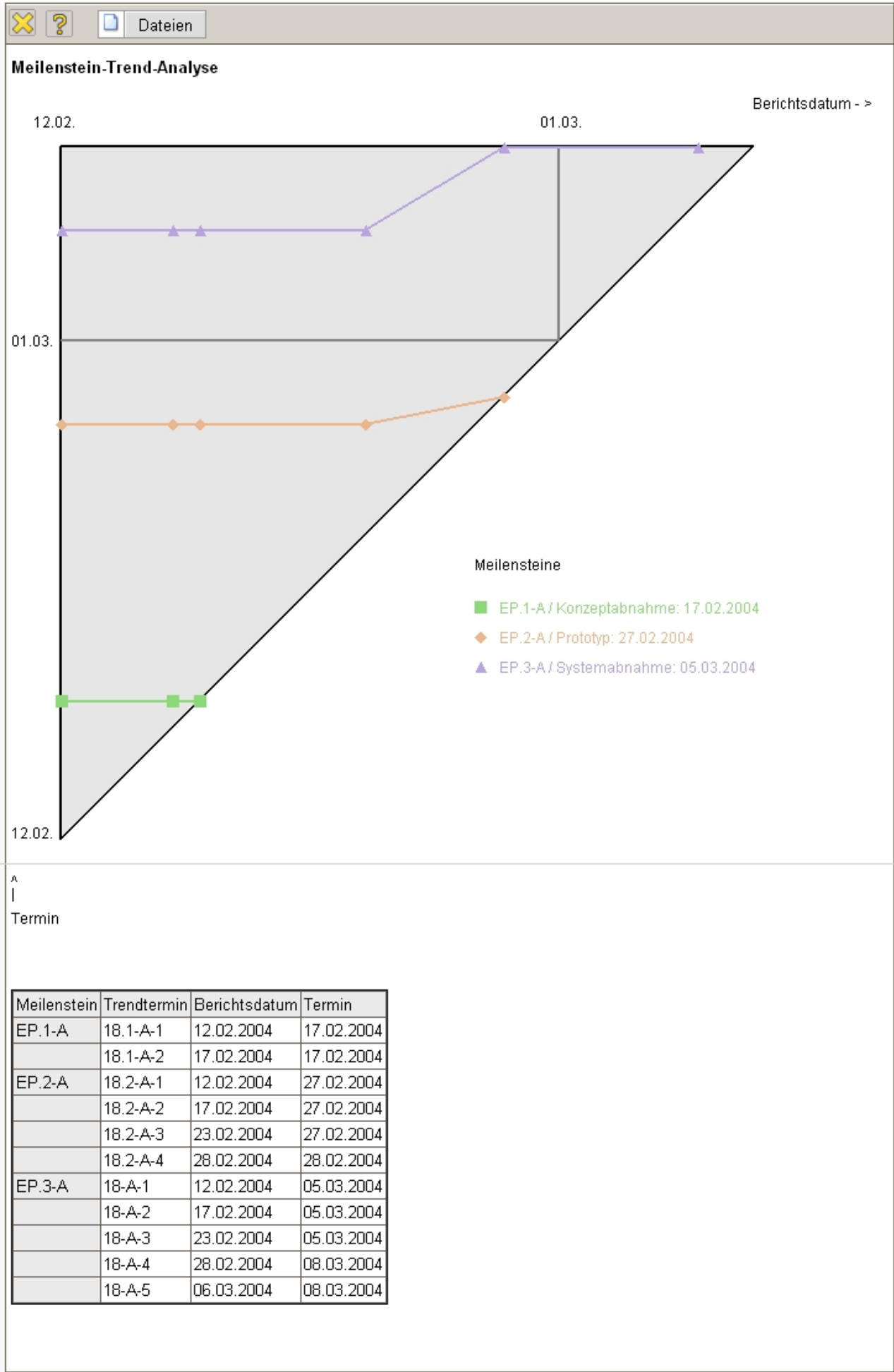
The chart can display the planned data and actual data graphically, if the option “with image” (format tab) is set.

Milestone-Trend-Analysis

The Milestone-Trend-Analysis (MTA) chart displays trends for completing the defined [milestones](#). The milestone-trend-analysis is a future-related instrument used for controlling deadlines of a [project](#): On regular reporting dates, the project [scheduling](#) is estimated through a query of trend data for the probable time of achieving the objective. Through the course of the curve, a trend can be concluded through the deadlines of the project. The due dates for the milestones can be administered in the document type [deadline](#).

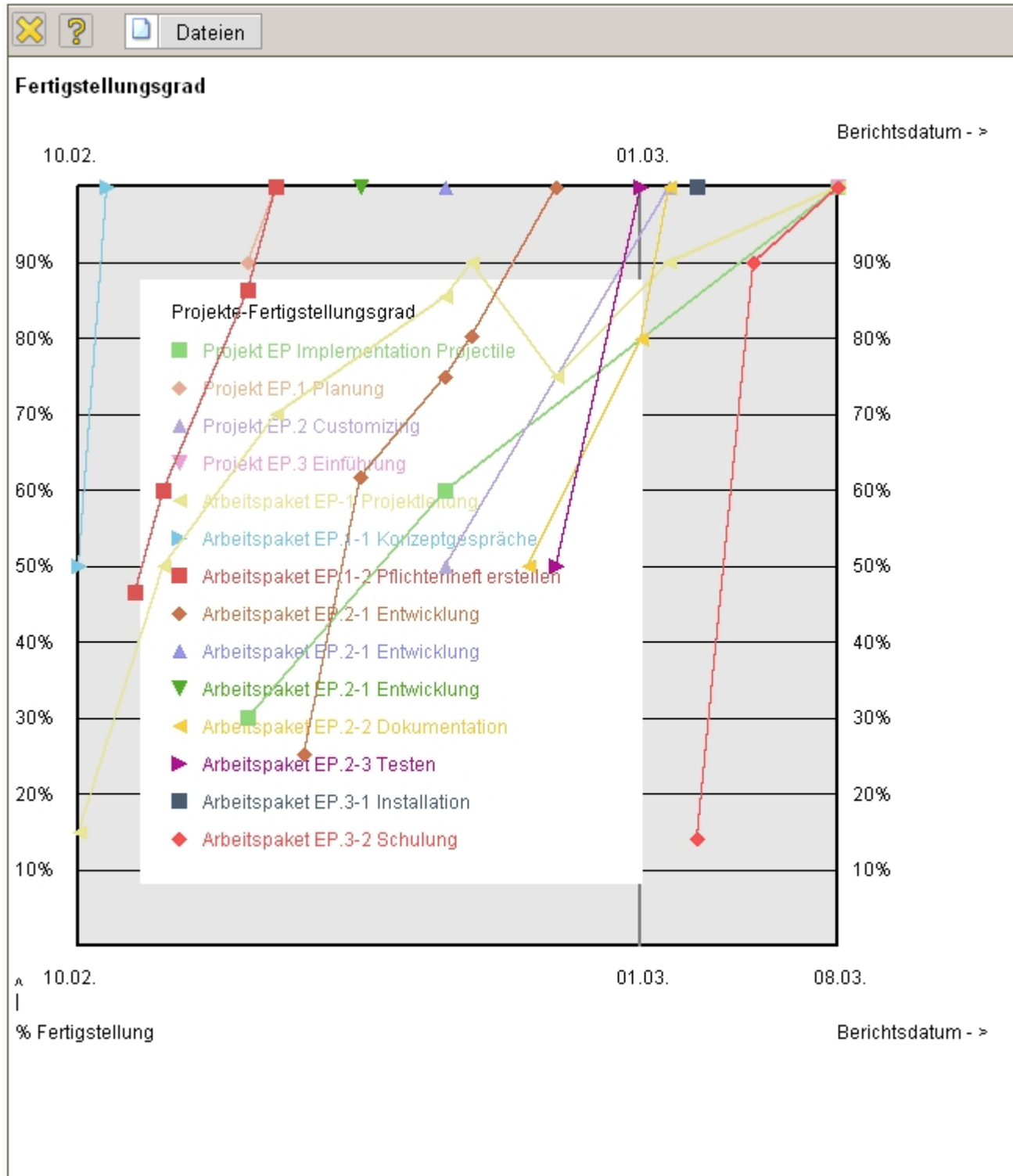
The course of the curve for this chart is interpreted as follows:

- an ascending curve means: a delayment ⇒ The milestone objective will be/is achieved late,
- a horizontal curve means: deadline is met ⇒ The milestone objective will be/is achieved on time and
- a descending curve means: the milestone objective will be/is achieved too early.



Degree of Completion

The **degree of completion** chart displays a graphical overview of the previous estimates for the projects and jobs. These estimates can be performed in the projects and/or the sub-projects or in [TimeTracker](#) for the individual jobs. Further information can be found in chapter [4.2.7 Estimates](#).



Skill-Matrix

The **skill-matrix** chart provides an overview of the project services for the selected projects and sub-projects regarding the individual occupations.

Skill-Matrix										
Topprojekt	Projekt	Programmierung - Java	Beratung	Testen	Analyse	Projektleitung	Installation & Einführung	Dokumentation, Handbücher und Leitfäden	Schulung/Workshops	Gesamt
EP Implementation Projectile		0,00	0,00	0,00	0,00	37,00	0,00	0,00	0,00	37,00
EP Implementation Projectile	EP.1 Planung	0,00	20,00	0,00	39,50	0,00	0,00	0,00	0,00	59,50
EP Implementation Projectile	EP.2 Customizing	79,50	0,00	11,50	0,00	0,00	0,00	26,00	0,00	117,00
EP Implementation Projectile	EP.3 Einführung	0,00	0,00	0,00	0,00	0,00	8,00	0,00	28,50	36,50
EP Implementation Projectile		79,50	20,00	11,50	39,50	37,00	8,00	26,00	28,50	250,00

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