



Reporting and Analysis

The analytic strengths of TN Planning lie in the area of business-designed tabular evaluations. OEM components of Business Objects or the tools of our partner MicroStrategy are used to create business graphics and dashboards.

In TN Planning, the following functionalities for reporting and dynamic analysis can be configured easily:

Report types and layout

- **OLAP analyses:** The simplest form of analysis puts selected dimensions of a cube into rows and columns and permits typical OLAP analyses such as slice & dice, drill-down, and roll-up.
- **Line reports:** A typical business evaluation such as the display of a management result account with the columns "actual previous year," "forecast," "plan following year," and corresponding absolute and percentage variances cannot be displayed by a breakdown of dimensions in the columns. For such expanded cross-dimensional analyses, dynamic reporting lines in the sense of repeating row or column breakdowns can be defined in TN Planning. These "lines" can then be used in reporting just like "real" structures.
- **Cell reports:** If a report cannot be displayed by crossing individual reporting lines in the rows and columns, you can rely on a cell report. In the cell report, each cell of the report can be defined individually.
- **Free reports and SDK:** The TN Planning Software Developer's Kit permits the free design of reports, analyses, and other custom-tailored user interfaces.
- **Dynamic layout:** The layout of a report can be adapted dynamically depending on the selected "point of view" and/or globally-set defaults.
- **Comments:** TN Planning manages comments on report and cell level and displays them accordingly during reporting and analysis.

Report logic

- **Calculations:** TN Planning reports can also contain elements (e.g. deviations) calculated locally. These calculated elements are not saved, but rather calculated "on the fly."
- **Reference items:** TN Planning allows the definition of reference nodes that can be consulted for the calculation. Typical is the identification of shares in a reference position (e.g. "in % of sales") or of deviations from a standard value (e.g. "deviation from the average across all branch offices").
- **Exception reporting:** TN Planning calculates deviations and threshold compliance. Exceptions are marked either in color (color coding) or with an appropriate icon.

Management and help tools

- **Personalization:** All reports are subject to authorization in TN Planning. Thus report access can be limited to particular users and/or user groups. Even within a report, only that data is displayed which the user in question may see. Vice-versa, it is ensured that a report displays relevant information immediately for the respective user.
- **Report portfolios:** TN Planning's report portfolio functionality permits the convenient creation of mass reports (e.g. report portfolios) for printing or as Excel or PDF files.
- **Excel integration:** A report can be transferred into Microsoft Excel at any time via the context menu. The formatting of the report is taken over 1:1.

Incorporated partner solutions

- **Graphical evaluation with Business Objects:** As an option, TN Planning can include an OEM component of Business Objects, which can access TN Planning directly thanks to a corresponding universe. With respect to the many graphic evaluation possibilities of Business Objects, we refer you to the corresponding Business Objects product descriptions.
- **Analysis with MicroStrategy:** If TN Planning is used as a planning engine in connection with a data warehouse, it is possible to evaluate the data with MicroStrategy. Furthermore, TN Planning reports can be integrated seamlessly into MicroStrategy's Web interface (see MicroStrategy plug-in).