

Main Features in PC-DMIS Planner

New Product PC-DMIS Planner

- First commercial release was [Planner 2010](#).
- Stand-alone application targeted for designers.
- Similar look-and-feel as PC-DMIS.
- Supports a range of Direct CAD Interface (DCI) and Direct CAD Translators (DCT) to various CAD products.
- Ways to create the plan: 1) from the CAD model, 2) via toolbar icons and 3) menus.
- Plan can be written into a .cad file and/or exported to a .ip file. Both are compatible with PC-DMIS.
- Create Plans using menu items or graphics display.
- Change Manager allows CAD model and inspection plan to stay in sync.
- Inspection plans can be easily imported into PC-DMIS.
- Optimization tools improve part programs.

PC-DMIS Planner Operations

- The plan describes the features to be measured, the datums and the dimensions.
- The plan does not describe the technology of the inspection (e.g. machine, probe, etc.)
- The plan default file (.ipd) describes the default parameters for creating PC-DMIS commands.
- PC-DMIS has optimization tools that allow the user to improve the efficiency of the part program.
- PC-DMIS has tools that can automatically add auto clearance moves.
- The CAD model, part program and plan can always be in sync.
 - If a reference is maintained when importing a .cad file, PC-DMIS will alert the user when the plan has changed.
 - PC-DMIS has a Change Manager that compares the plan with the part program and shows modifications, additions and deletions.
 - PC-DMIS Planner has a Change Manager that compares the plan with the CAD model and shows modifications, additions and deletions.

Planner 2011 Release Updates and Fixes

Enhancements for PC-DMIS Planner 2011

- 506040 – Added support for recall alignments
- 108417 – Calculate values for offsets of constructed plane

Planner Fixes for PC-DMIS Planner 2011

- 269903 – Corrected normal vector for plane constructed from points
- 269135 – Correctly handle negative side of +/- tolerances
- 270044 – update graphic display when deleting points from perimeter feature
- 267160 – Corrected trihedron display after an alignment
- 270815 – Corrected one click selection of auto cylinder feature
- 269983 – Corrected count of features for multi select operation