

AVOIDING TIME WASTERS IN CAD Design



START

OBJECTIVE

Avoid the time wasters to meet design due dates

CAUTION

Companies waste **15%** of engineering time on non-value-added data management

CAN'T REUSE DESIGN DATA, TAKE DETOUR

Reuse existing CAD model

Recreate design from scratch

39% of companies report slow search and data retrieval¹

Rework / recreate design

CAD DATA OVERRITTEN, GO BACK THREE STEPS

Conflicting document versions is an issue for **41%** of manufacturers¹

PREPARE DESIGN DATA FOR OTHERS, LOSE A TURN

Manually prepare data for design review and status meetings

21% of non-value-added engineering time is spent collecting data for others⁴

UNMANAGED COMPLEXITY, ROLL DOUBLES TO CONTINUE

Unmanaged complexity demands additional effort

Managed Configurations and Multi-CAD

3/4 of companies say that complexity has increased due to more software and electronics in their designs, aka "smarter" products¹

Ineffective change management leads to errors and rework

SHARED THE WRONG DATA WITH MANUFACTURING, GO BACK

40% of companies report using the outdated or wrong data as a design challenge¹

GAME OVER

DUE DATE MISSED

DESIGN COMPLETED, COLLECT BONUS

61% of companies share that the impact of data management and product development challenges is wasted time and effort, **35%** report missed design due dates³

Congratulations
You completed your design on time

Companies with effective design data management capabilities spend **25%** less time on nonproductive data management tasks²

WIN



Learn more about how to win at CAD Design by reading the eBook **"How to Avoid Time Wasters and Win the CAD Design Game"**

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- ¹ Design Data Management Maturity Improves Profitability, Tech-Clarity
- ² Best Practices for Managing Design Data, Tech-Clarity
- ³ Extending PDM Beyond Design Data Management, Tech-Clarity
- ⁴ Reducing Non-Value-Added Work in Engineering, Tech-Clarity