



Virtual Startup day

Breakout sessions

Paul Abbott



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Electrical Design

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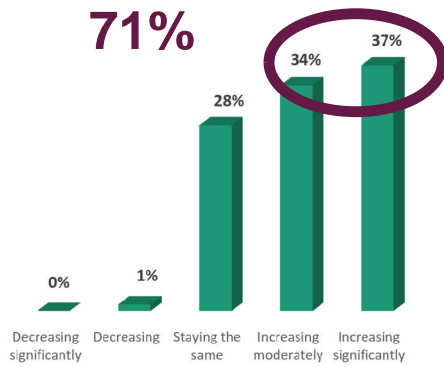
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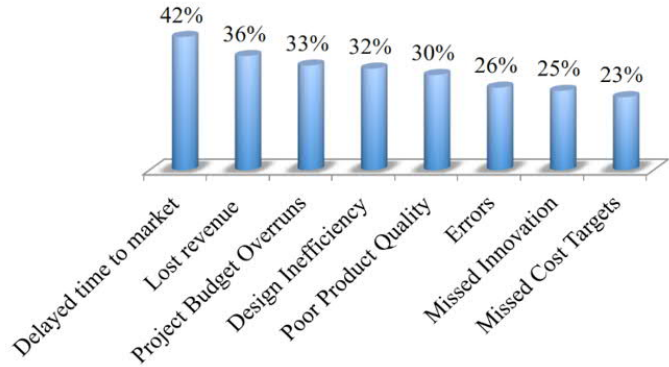
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Increasing demand for connected, customizable products "Smart Connected Products"



Value Attributable to Electrical Systems



Impact of Increased Design Complexity

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Electrical systems design



Companies are differentiating products with electronics

Design complexity is increasing

Traditional methods are no longer working

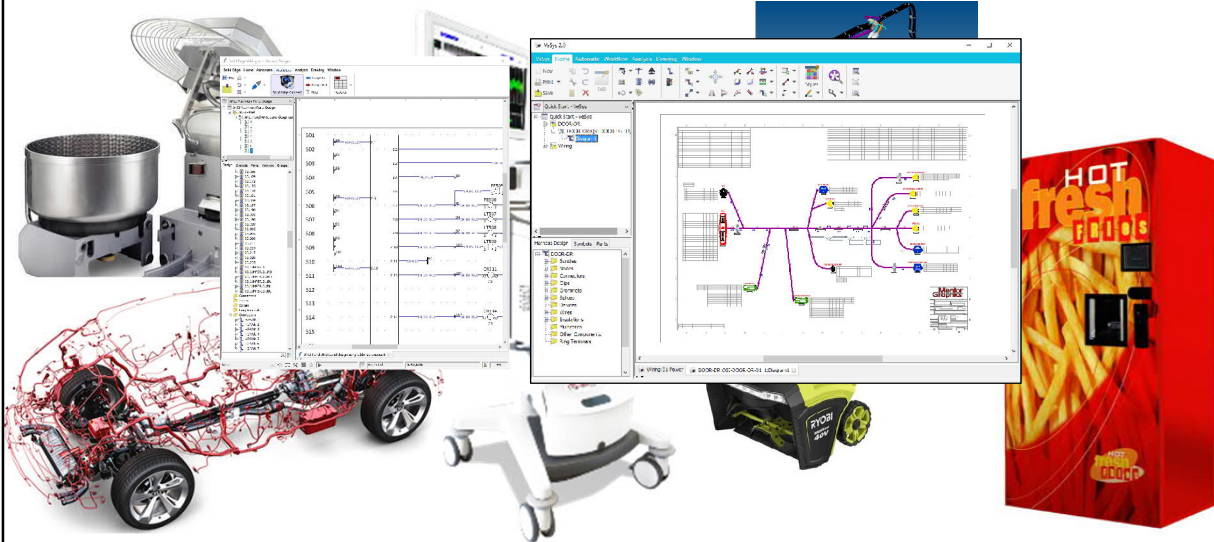
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Smart connected products




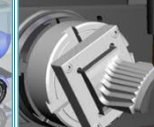
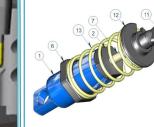

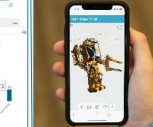


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The Solid Edge Portfolio

Mechanical Design	Electrical Design	Simulation	Manufacturing	Technical Publications	Data Management	Cloud Collaboration
 <ul style="list-style-type: none"> • Solid Edge Premium • Solid Edge Classic • Solid Edge Foundation • Solid Edge Design & Drafting • Solid Edge 2D Drafting • Solid Edge P&ID Design • Solid Edge Piping Design • Solid Edge Generative Design Pro • NEW Solid Edge Model Based Definition 	 <ul style="list-style-type: none"> • Solid Edge Electrical Routing • Solid Edge Wiring Design • Solid Edge Harness Design • Solid Edge PCB Collaboration 	 <ul style="list-style-type: none"> • Solid Edge Premium • NEW Solid Edge Simulation - Standard • NEW Solid Edge Simulation - Advanced • Simcenter FLOEFD for Solid Edge 	 <ul style="list-style-type: none"> • Solid Edge CAM Pro Foundation • Solid Edge CAM Pro Total Machining • Solid Edge CAM Pro 5 Axis Milling • NEW Solid Edge 2D Nesting 	 <ul style="list-style-type: none"> • Solid Edge Illustrations • Solid Edge 3D Publishing 	 <ul style="list-style-type: none"> • Solid Edge data management • Solid Edge Requirements Management • Solid Edge Teamcenter Integration 	 <ul style="list-style-type: none"> • Solid Edge Portal

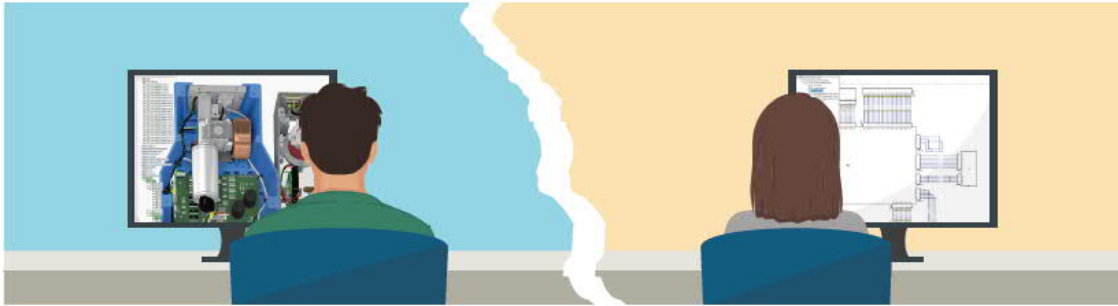
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Traditionally approach

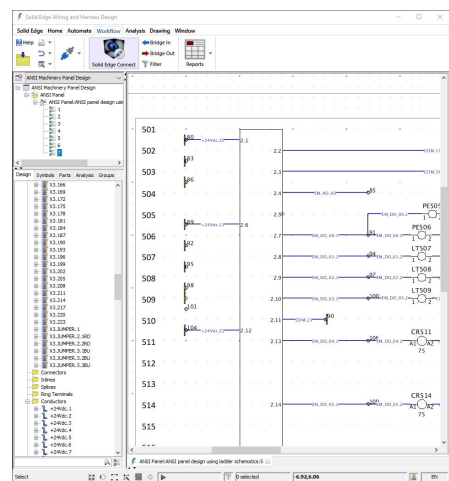
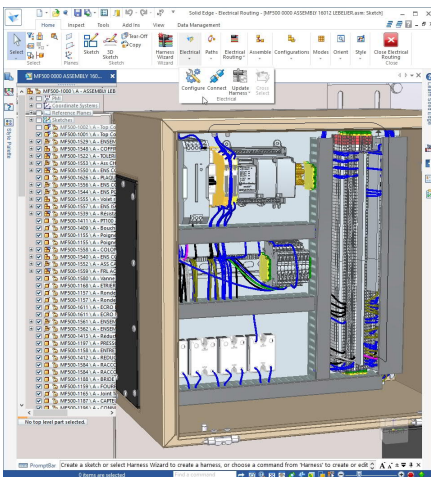


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A better way of working

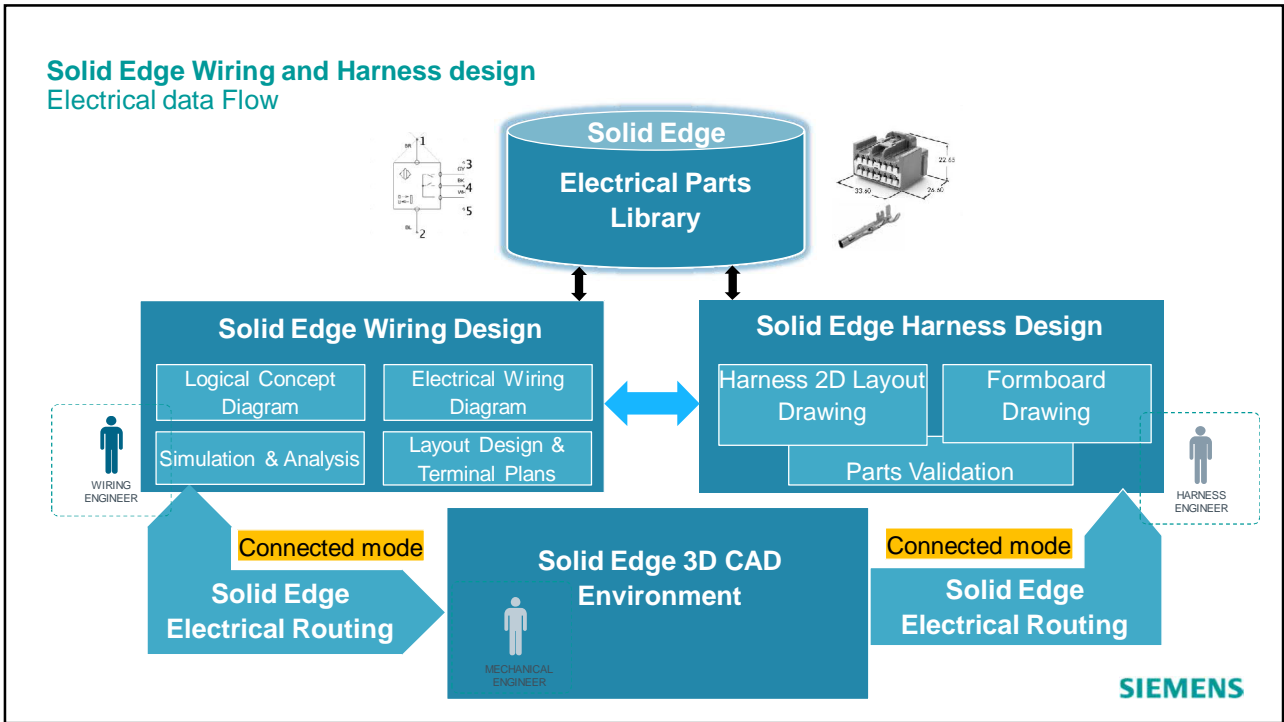


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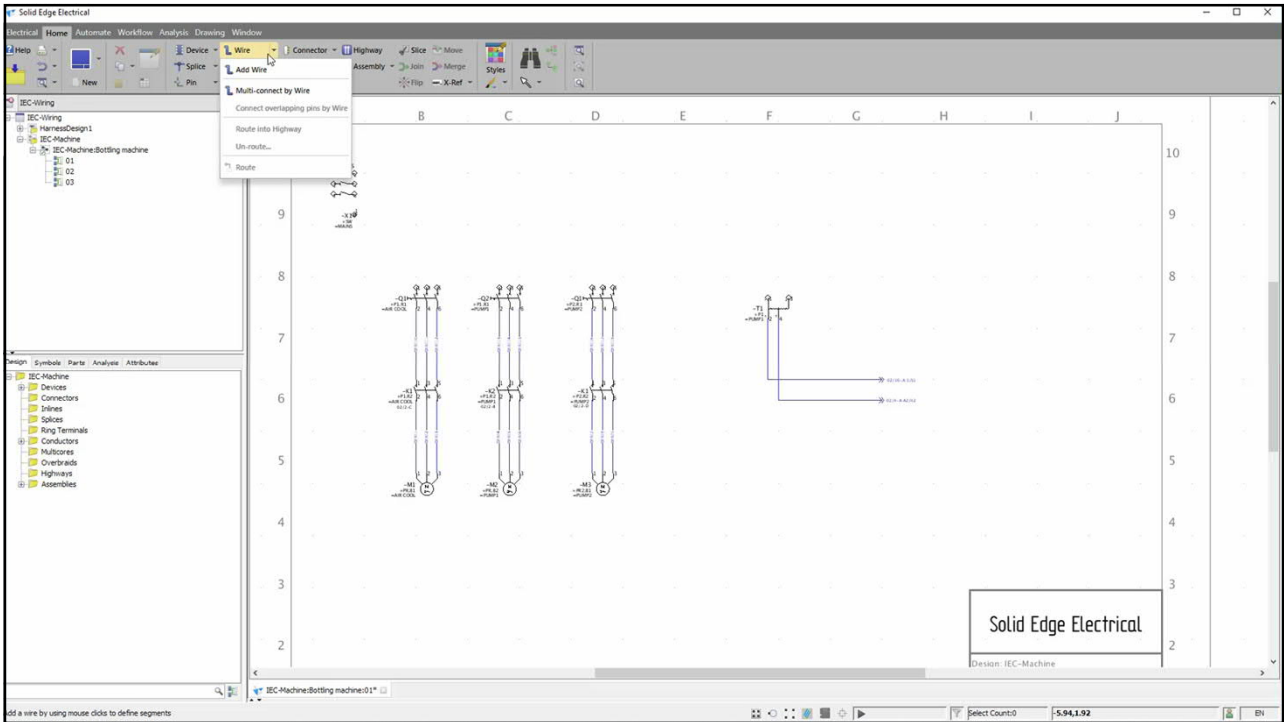
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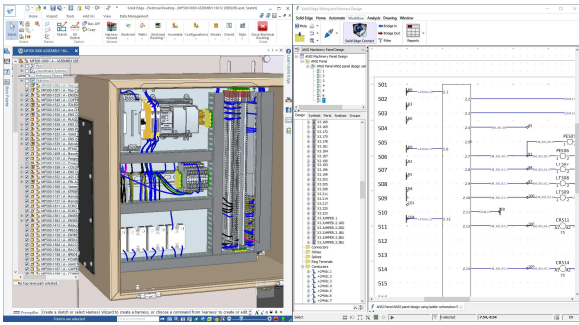
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Electrical design Summary



- Intelligent Diagrams
- Electrical Parts Library
- Consistency with Styling
- Design Rule Checks
- Simulation

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Electrical design Summary - take away

Solid Edge Wiring and Integrated Panel Layout provides an Integrated solution where ECAD and MCAD Engineers can work seamlessly together getting the job done right first time



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Technical Publications

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The digital twin




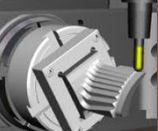


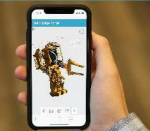


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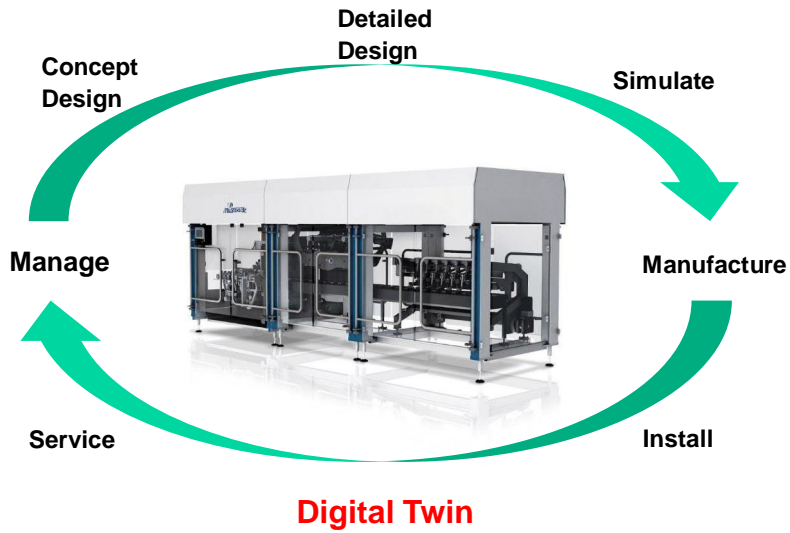
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The Solid Edge Portfolio driving digital transformation



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Solid Edge Technical Publications Widespread PLM Users

Manufacturing & Go-To-Market

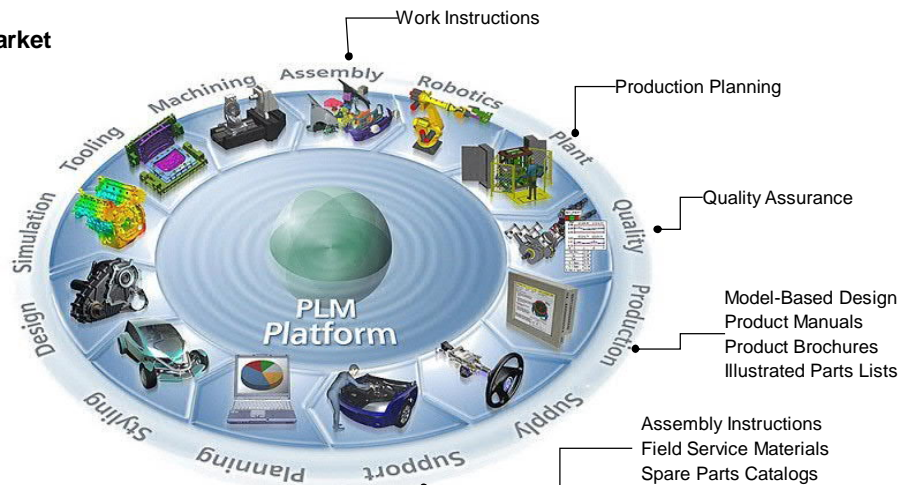
- Transition from a design to deliverable product faster
- Reduce assembly errors

Marketing & Sales

- Engage prospects
- Communicate product benefits

Support

- Help service departments maintain products
- Assist dealers with part identification & ordering
- Reduce support costs with better informed customers



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Solid Edge Technical Publications Universal delivery options

Print

- Physical Hardcopy
- In-the-box and legacy documentation
- Printed Packets



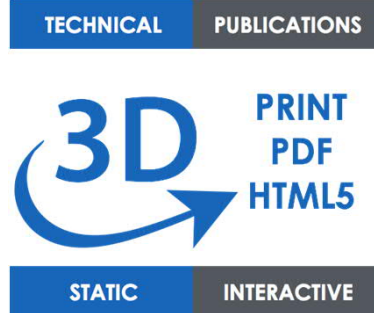
PDF

- Static or Interactive 3D
- Single-File Sharing
- Adobe Reader



HTML5

- Interactive 3D
- Online or Offline Viewing
- Modern Browser, No Plugins



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Solid Edge Technical Publications Complete publishing workflow



Author documentation from 3D CAD

Import 3D CAD
Combines 3D and page design
Seamlessly update when CAD changes

Print & save to standard formats

Print manuals
Publish to industry standard formats
Create once, publish to many formats

Deliver online and maintain 3D documents

Hosted on your own local server or web server

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Solid Edge Technical Publications

Customer benefits

Start technical documentation earlier in the design cycle

- Streamline your documentation process
- Reduce documentation errors



Spend less time creating technical documentation by leveraging 3D CAD data

- Support for most common 3D CAD formats via free CAD integration plugin
 - SolidWorks
 - Inventor
 - More

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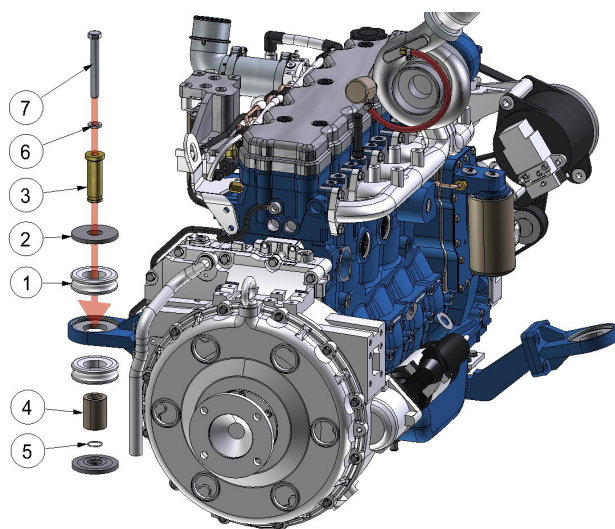
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Solid Edge Technical Publications

Easy and Powerful Creation

Seamless Document Updates

Time Saving Features



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Solid Edge Technical Publications Demo



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Solid Edge Technical Publications Summary....

Create compelling, engaging, interactive documentation

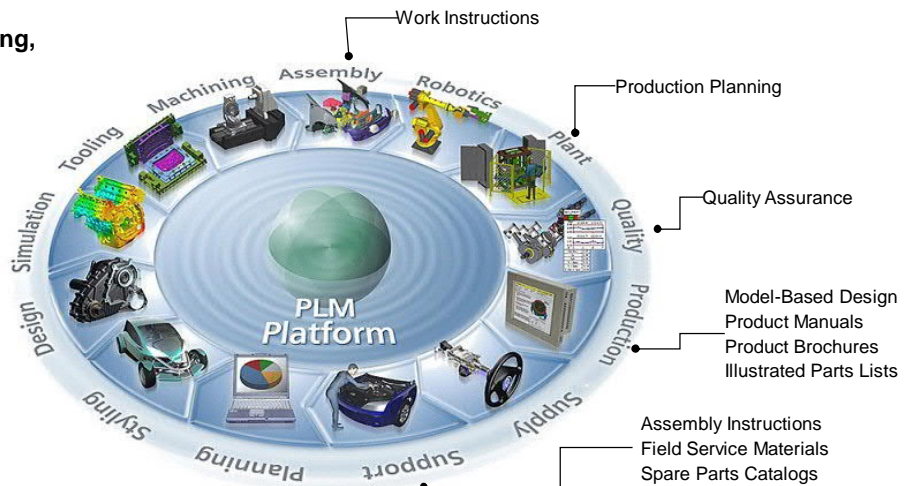
- From multiple CAD sources

Marketing & Sales

- Engage prospects
- Communicate product benefits

Streamlined creation of documentation

- Start documentation before the design is complete



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