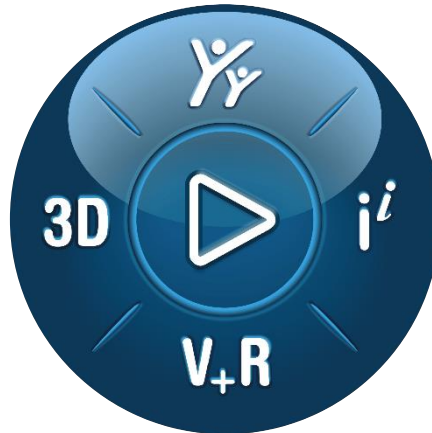


BEACON Newsletter - May 2024

What's New in SOLIDWORKS CAD 2024: Unleashing Innovation and Efficiency



Greetings, SOLIDWORKS enthusiasts! We're thrilled to introduce you to the latest enhancements in SOLIDWORKS 3D CAD 2024. Buckle up as we dive into the exciting features that will transform your design experience.

1. Release Compatibility and Rule-Based Defeaturing

- Seamlessly collaborate across versions: SOLIDWORKS 2024 ensures compatibility with older releases, fostering efficient teamwork.
- Rule-based defeaturing: Customize your defeaturing process using the Silhouette option, streamlining model simplification.

2. Symmetric Linear Patterns for Effortless Design Intent

- Achieve design perfection effortlessly: The new Symmetric option in Linear Pattern simplifies complex patterns.
- Import assemblies with precision: Filter out unwanted components when importing STEP files, maintaining design intent.

3. Enhanced Assembly Workflows

- Speed meets precision: SOLIDWORKS 2024 optimizes large assembly design and documentation.
- New assembly workflows: Boost productivity with streamlined processes.

4. Custom Properties and Notes

- Communicate effectively: Display units of measurement as custom properties in notes and tables.
- Streamline documentation: Enhance clarity and consistency in your designs.

5. 3D Performance Optimization

- Tailored views: Exclude specific parts from 3D views while including them in BOMs and reports.
- Fine-tune your model: Optimize performance without compromising accuracy.

6. Electrical Design Enhancements

- Flexibility in routing: Add electrical routes as single segments or in bundles.
- Seamless integration: Elevate your electrical designs within the SOLIDWORKS ecosystem.

7. Improved Sheet Metal Functionality

- Precision unfolding: Refine sheet metal designs with enhanced flat pattern capabilities.
- Bend allowance control: Achieve accurate results in manufacturing.

8. Dynamic Section View Enhancements

- Visualize with clarity: Dynamic section views now support hatch patterns and transparency.
- Communicate complex designs: Present intricate details effectively.

9. Streamlined Collaboration with 3D Interconnect

- Harmonize data exchange: Improved 3D Interconnect capabilities simplify working with non-native CAD files.
- Seamlessly integrate multi-CAD environments.

10. Enhanced Visualization and Rendering

- Realistic renderings: SOLIDWORKS Visualize integration allows stunning visual representations.
- Showcase your designs: Impress clients and stakeholders with lifelike images.

Unlock the Power of SOLIDWORKS 2024

Explore these enhancements, elevate your design game, and stay ahead of the curve. Remember, innovation awaits—let SOLIDWORKS 2024 be your creative canvas!

To know more details, please reach out to us at:

Phone: +91 7406663589

Email ID: info@beacon-india.com

Website: <http://beacon-india.com>

Request a Quote Now: <https://www.beacon-india.com/request-a-quote>

Request a Demo Now: <https://www.beacon-india.com/request-a-demo>