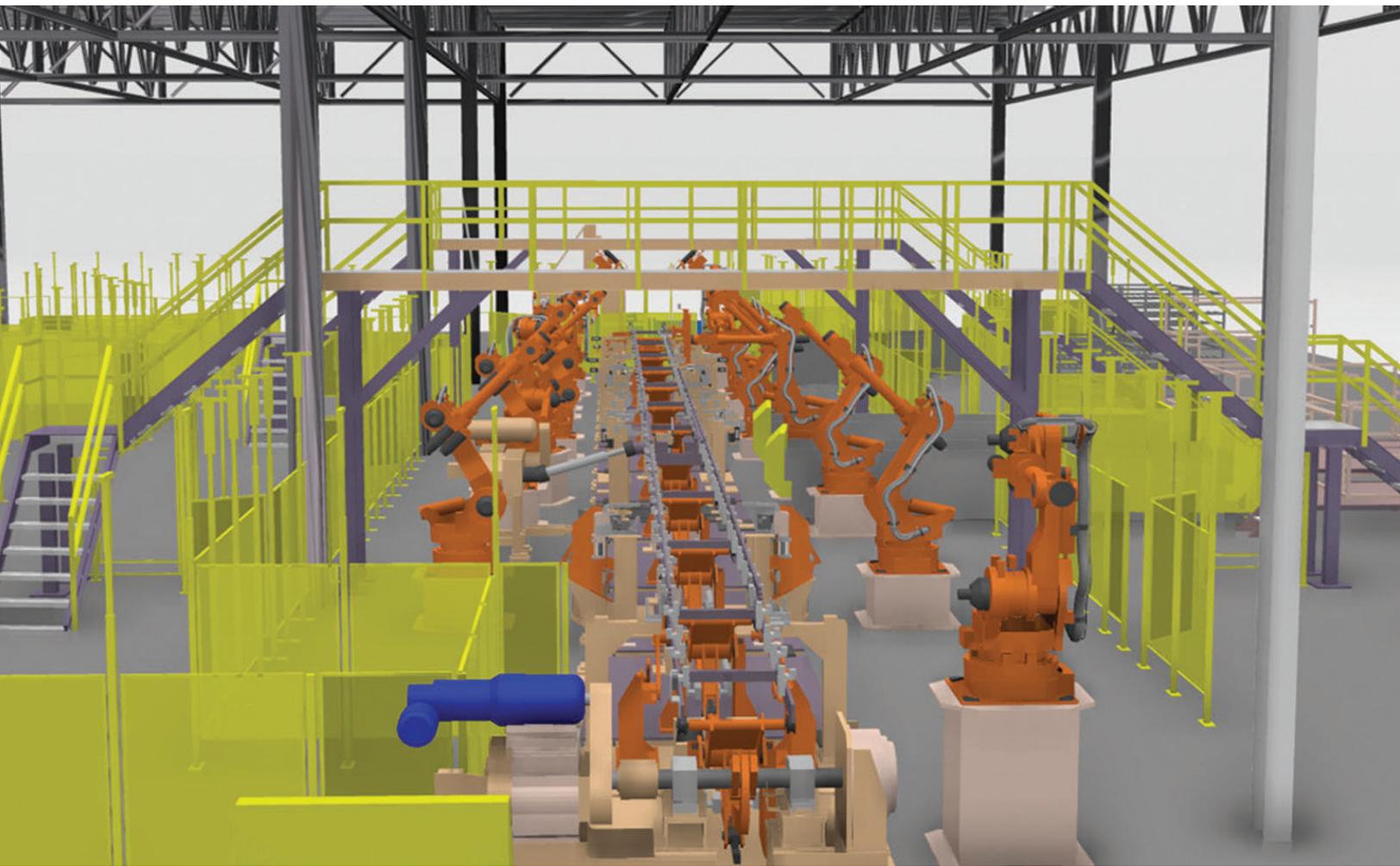


PLANT LAYOUT DESIGNER

3DEXPERIENCE MANUFACTURING & PRODUCTION ROLE



DEFINE PLANT LAYOUTS

Plant Layout Designer delivers advanced, efficient tools for factory resource layout.

Plant Layout Designer provides a realistic environment for defining and validating shop floor layouts, delivering the layouts to the shop floor for construction, and sharing them with stakeholders to enrich and validate process plans. A catalog of parametric resources can leverage existing 2D factory drawings by being snapped to these drawings to quickly realize the 3D layout. Advanced positioning makes it very easy to move, snap and align these resources.

Fast and efficient layout definition

3D catalogs of parametric equipment eases the work of plant designers. Widely used plant equipment is readily available; no need to design it from scratch for every new layout. Simplified layout tools let users position, align and snap layout objects quickly. They are easy to use and intuitive; non-CAD experts can efficiently define plant layout designs.

Collaborative plant design and early discovery of layout problems

Plant Layout Designer helps users avoid costly layout redesigns by enabling them to collaborate and share 3D layouts throughout the enterprise for review and feedback, avoiding costly rework.

Access to layout data throughout the extended enterprise

Layout data can easily be shared across the enterprise as 3DXML, 2D drawings or other formats for review, feedback and collaboration with suppliers. The data can be used seamlessly for resource planning and 3D validation studies.



Resource layout efficiency: catalogs, collaboration and data sharing



Tools that accelerate and refine the factory layout process

Leveraging of intellectual property

Planners are able to create and validate best practices, then save them to catalogs for reuse by other stakeholders and to build corporate standards.

Role Highlights

- Groundbreaking **3DEXPERIENCE**® platform
- Intuitive layout tools for efficient resource layout definition
- 2D layout drawing integration supports 3D layout definition
- Extendable catalog of parametric industrial objects
- Position, align and snap layout objects quickly
- Clash detection in the 3D Live simulation environment
- 2D footprint and 3D space reservation
- Import and extract 2D drawings
- Supports On-the-Go option

Our 3DEXPERIENCE Platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the **3DEXPERIENCE** Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 190,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.



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