

fabLIVE



Provides real-time status visual representation of a factory in three dimensions

Overview

Having real-time visibility of the state of the factory is quite important to quickly react to problems. Visual dashboards can provide easy to understand information in an intuitive way.

fabLIVE allows the customer to design the real physical layout of the plant and then to monitor the equipment with instantaneous updates delivered using a publish/subscribe mechanism.

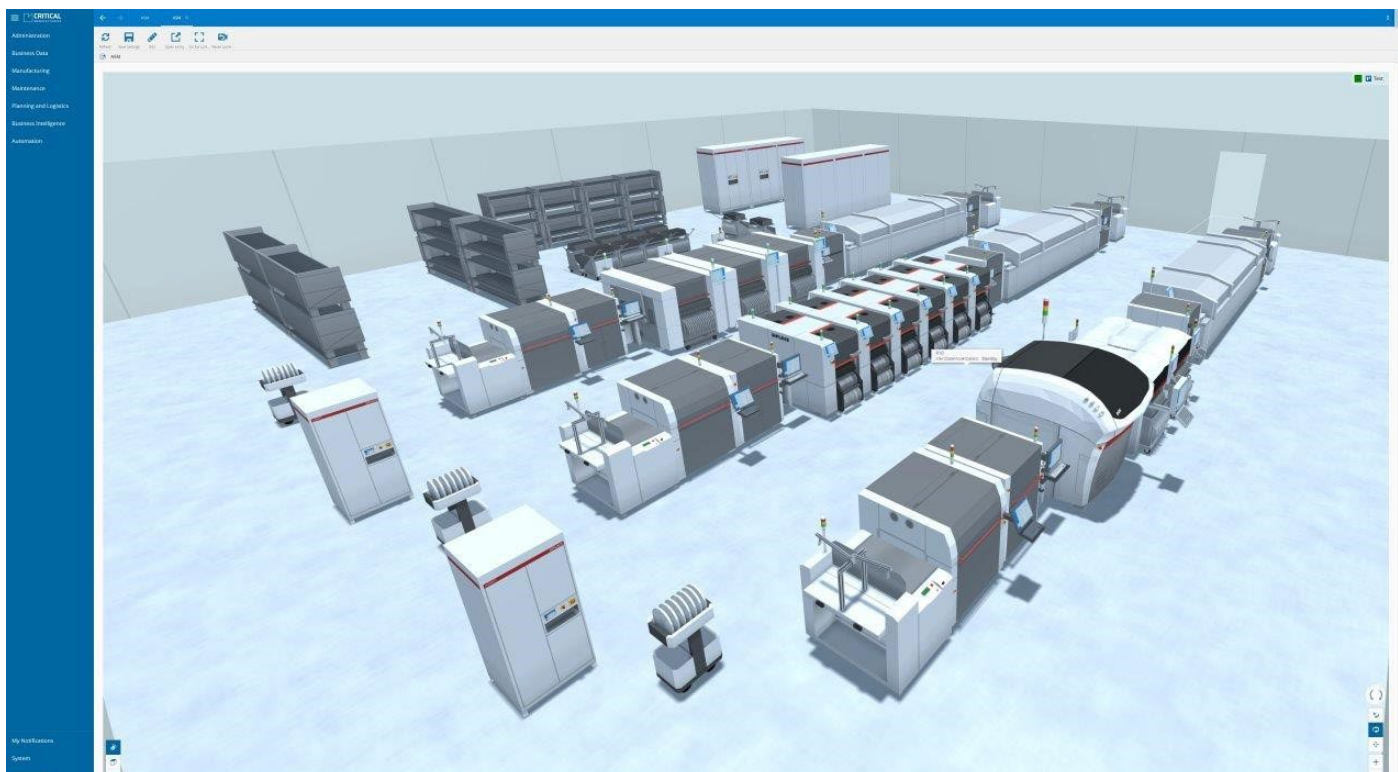


Figure 1 fabLIVE example



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contact@criticalmanufacturing.com · www.criticalmanufacturing.com

Key Features

- Graphical 3D designer with support for 3D shapes and textures.
- Support for a shape library with import of .obj three-dimensional models.
- Support for multiple layers with different object types.
- Support for different colors based on some property values.
- Support for multiple fabLIVEs to provide visualization of different areas of the factory.
- Interactive visualization with support for panning, zooming, and rotating in any of the three axes.
- Capability to be embedded as widget in a Dashboard.
- Live updates using a publish/subscribe mechanism.

Benefits

- Increased visibility, tracking and monitoring of equipment
- Increased operational efficiency



Figure 2 fabLIVE running on an Android tablet