

## *Magnys Innovative Solutions: Case Study*

# Magnys Partnered With Mercedes Benz To Create Alabama Facilities

When Mercedes Benz began planning its manufacturing facilities in Vance, Alabama (MBUSI), it turned to Magnys people to ensure that conveyors were installed on-time and on-budget.

Magnys is a full-service engineering firm that offers customers an unmatched combination of manufacturing and process engineering expertise, project management experience and software innovation to help customers improve their manufacturing efficiency and increase profitability. Magnys professionals have been recognized as results-focused industry leaders since 1980.

Magnys assembled an on-site team of engineers and project managers, and Mercedes put them to work in the Trim, Chassis and Final Assembly departments of Plant #2.



Once there, Magnys was given responsibility for a wide range of activity concerning conveyors, overhead EMS systems and skilnet systems, including:

- Conducting drawing reviews and approvals
- Coordinating pre-approval of equipment concepts with the Mercedes organization in Germany
- Coordinating product-to-carrier interface between the Mercedes design group and conveyor suppliers
- Conducting all quality inspections for conveyor equipment
- Monitoring schedule adherence by conveyor suppliers

- Coordinating component and assembly buy-offs
- Installing Kanban process with plant trades
- Using Kanban to track open issues through design build and installation
- Controlling equipment punch lists

Once production launched at the two plants, Mercedes asked the Magnys team to remain on-site. This was evidence that Mercedes, a company with a worldwide reputation for manufacturing excellence, recognized the value that we brought to its launch.

The Magnys team that remained on-site was tasked with supporting the Mercedes manufacturing engineering organization with plant changes and modifications based on short-term process deviations and system upgrades.

Magnys engineers went to work within both MBUSI plants, and completed several significant projects in a variety of areas, including:

- Plant #1: Tooling set-up and calibration
- Plant #1: Paint shop
- Plant #2: Engine line
- Plant #2: Final line
- Plant #2: Door line
- Plant #2: Line-side sub-assemblies
- Plant #2: Trim-line support

To learn more about how Magnys can help you, please call us at (248) 449-2600 or visit us online at [www.magnys.com](http://www.magnys.com).

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