



Proven MES for GM Tier Suppliers

Trusted by GM Suppliers for 30+ Years

Value

Manage GM product builds for flawless on-time, in-sequence delivery

- Decrease costs by optimizing workflows, reducing warranty issues, and supporting right-sized operations
- Improve quality and error-proof operations, leveraging poka-yoke best practices
- Boost flexibility and agility to accelerate production
- Support regulatory compliance and end-to-end traceability



On-time every day, in-sequence as required, and compliant manufacturing that reduces warranty costs – that's a rule for supplying to GM.

Matrix Automation makes it happen, every day. Whether it's expertise in GM's Just-in-Sequence GEPICS (Global Enterprise Production Information Control System) broadcast or reducing costs by streamlining complex assembly with Digital Lean, Matrix is your partner to ensure manufacturing success when supplying to GM.

Quality & Error-Proofing

Our proven solutions error-proof to elevate quality, optimize product flow, and make compliance effortless—so you can meet your commitments to GM and win more business.

GEPICS & On-Time Delivery

Furthermore, our solutions are fully integrated with GM's digital supply chain, ensuring on-time delivery and enhancing your reputation.

Long-Term Partnership for Success

Every single day for 30+ years, Matrix has been managing production within the GM supply chain.

As an experienced solution provider to GM Tier suppliers, Matrix can help you:

- Orchestrate high quality production to execute GM product builds, seamlessly line balance operations, and support operators for success
- Receive and translate GM EDI broadcast data with expert integration and response
- Optimize product flow by utilizing GEPICS data to pre-sequence and pre-build delivery products
- Manage and integrate multiple workflows including Kanban, Bulk, WIP, and Sequenced Build to Order
- Build in-sequence with rack assignments in advance
- Improve agility, managing GM COS holds and pulls via special identification and labeling at the time of expected call-off
- Increase efficiency by managing GM reorders utilizing special labeling and call-offs at the plant floor in real-time
- Manage GM SKD / CKD builds by utilizing a custom scheduler, special labeling, and MES control specific for these builds
- Boost throughput with efficient bulk process and batch build control





Leverage Manufacturing Success with GM

Automotive Industry Experts Since 1983

Capabilities

- Manage production builds for both sequenced and non-sequenced product flows – with the agility and flexibility to easily customize and reconfigure as your needs change
- Orchestrate sequenced pre-production days ahead of call-off by utilizing GM GEPICS data
- Provide MES stations that support build recipe conformance, traceability, increased efficiency, improved quality control, poka-yokes for error-proofing, and labeling
- Interface with machines, equipment, and assembly lines across your plants
- Capture and store process data for traceability, analysis, and continuous improvement
- Support standard and custom reporting for compliance and best-in-class production management
- Increase visibility with Andon boards and alert system that interface to each MES station: operators and supervisors receive immediate feedback, minimizing downtime and ensuring accountability on the line

Automotive Interiors

- Instrument Panels
- Door Panels
- Seat Sets
- Headliners
- Center Consoles

Automotive Powertrain

- Engine Dress
- Suspensions
- Transmissions
- Front End Modules
- Axles

Manufacturing Execution Systems (MES) & Intelligence

Work Order Management

- Production scheduling
- BOM management
- Production sequencing

Process Management

- Work instructions
- Production Line & work cell
- Tool monitoring & control

Materials Management

- Component validation
- Lineside replenishment
- Pick to light

Integration

- Broadcast
- Level I & II systems
- ERP

Quality Management

- Inline testing
- Visual audit
- Defect logging
- Real-time SPC

Finished Goods

- Pack out
- Labeling / Label printing
- Warehouse & shipping

Reporting & Visualization

- Andon and alert systems
- Out of Spec
- Genealogy / Traceability
- Defect logging
- Takt time
- Process execution history

Matrix's Extensive Automotive Experience

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| • ADIENT, BRIDGEWATER | • FORVIA / FAURECIA | • MERITOR AUTOMOTIVE |
| • AMERICAN TOOL & DIE | • HUSCO | • MERITOR WABCO |
| • AUTOKINITON (TOWER) | • IAC GROUP | • POWER PACK |
| • BENDIX | • INTELLITRAK (OCS) | • TOOLCRAFT |
| • COMP. LOGISTICS, CLI | • ISOLA | • VENTRA |
| • DAKKOTA INT. SYSTEMS | • JOHNSON CONTROLS | • VISTEON |
| • DELPHI, PHINIA INC. | • LEAR | • WOODBRIDGE GROUP |
| • DETROIT CHASSIS | • MAYCO INTERNATIONAL | • YANFENG |

