



General Motors Corp. Manufacturing Integration Center

PROJECT SUMMARY



Location

Pontiac, Michigan, USA

Total Investment

Confidential

Project Type

Conceptual Engineering & Planning
for More than 4 Greenfield and 10
Brownfield Projects

Global Performance Role

Industrial Engineering
Manufacturing Engineering
Project Scheduling
Web & Database Development

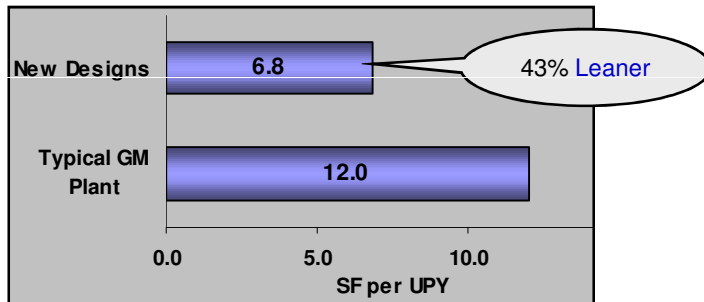
Annual Volume

Confidential

Global Performance Impact

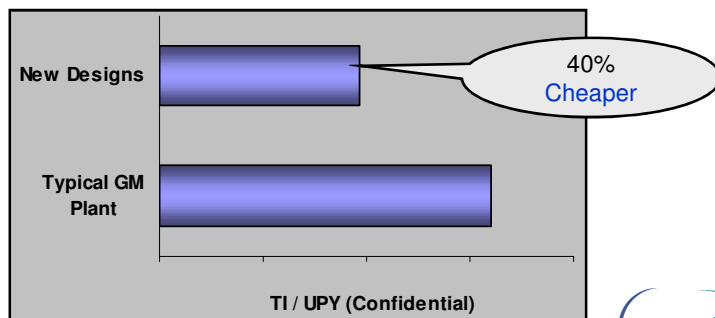
Floor Space Utilization

(Total Manufacturing Sq. Ft. / Units Per Year)



Investment Efficiency

(Total Investment / Units Per Year)



Project Highlights

General Motors selected Global Performance to provide manufacturing and industrial engineering services to its Manufacturing Integration Center (MIC) in Pontiac, Michigan. The MIC's role was to ensure that corporation's major programs were planned and designed to be world class plants in terms of quality and lean manufacturing capability.

To support this effort, Global Performance provided [innovative conceptual designs](#) for stamping, body shop, paint shop, general assembly, and the overall site. Specific services included [process layout development](#), [material flow analysis](#), [cost estimating](#), [phasing plan development](#), and [trade-off analysis](#). The focus of all efforts was to provide lean designs that supported quality systems.

The plants/sites considered included the following.

Greenfield

- Lansing Grand River (MI)
- Lansing Delta Township (MI)
- Shreveport, LA
- Other Confidential Sites

Brownfield

- Spring Hill, TN
- Lordstown, OH
- CAMI (Ingersoll, Ont.)
- Oklahoma City, OK
- Wilmington, DE
- Doraville, GA
- Other Confidential Sites

Global Performance also provided [database and web development services](#), including MIC web page, lessons learned tracking system, operating standards web page/database, plant assessment database, and others.