



# **PART** **WORKS**

Scanning, Reverse Engineering & Prototyping  
Capabilities Overview Deck

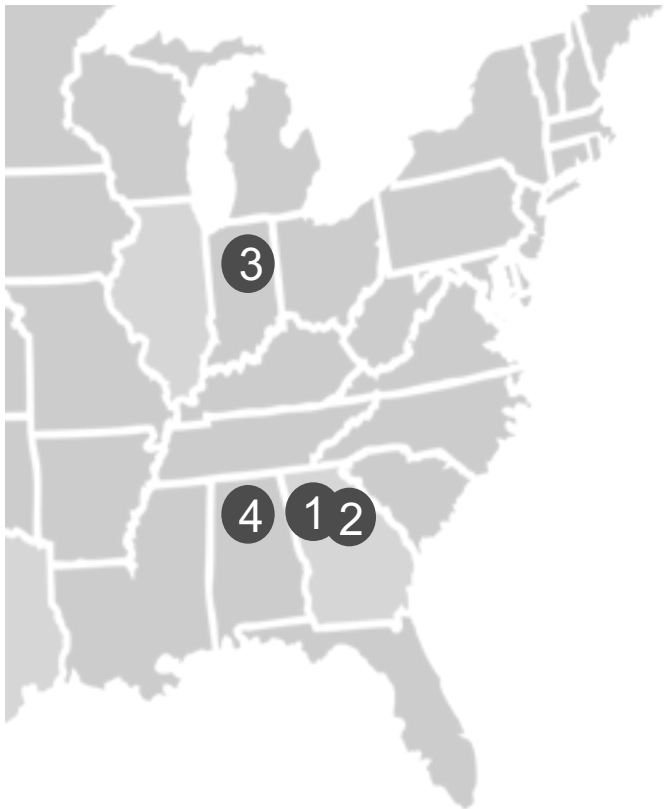
Scott Geller, CEO

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# PARTWORKS LLC

*a subsidiary of Phoenix Stamping Group  
Based in Atlanta, GA*

## An Integrated Approach to Scanning, Reverse Engineering and Prototyping



### ● INTEGRITY

Simply put, we do what we say, and say what we'll do. Earning your trust on your first order and every subsequent order is of the utmost importance to us.

### ● INNOVATION

We use the latest reliable technologies and processes to design, reverse engineer and source your parts..

### ● VALUE

We commit to provide a quality solution that provides significant value to you, our customer, on each and every project.

### ● TEAM

Our leadership, board and staff have decades of experience and proven track records of success at the highest levels.

### ● 30 YEARS OF GROWTH

Since 1985, we have committed to expanding our capabilities becoming a more complete supplier.

### ● VOSB

PSG is a Veteran Owned Small Business.



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**200+ employees, 300,000+ sq. feet combined  
PSG is ISO 9001 Certified**



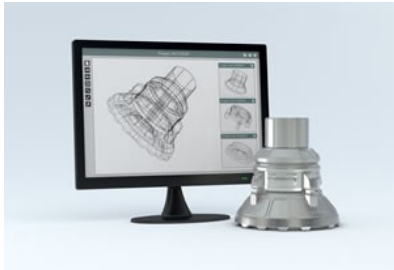
# SCANNING & REVERSE ENGINEERING

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Laser Scanning and CMM Onsite, Offsite with Faro Edge ScanArm

- or Offsite File Analysis for:

- Inspection using GeoMagic Control X, GOM Inspect
  - Inbound Part Verification
  - Outbound First Article Inspection, Conformance
- Animation/Simulation
- Reverse Engineering



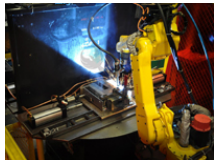
# DESIGN & PROTOTYPING SERVICES



- 3D Printing: Carbon 3D, Stratasys, EOS, Desktop Metal
- Plastic (FDM/SLS/SLA) in Ultem 1010/9085
  - Metal (DMLS, MIM) in SS, AL, Inconel 625/718, Ti
  - Mold making for cast urethane & epoxy prototypes



- CNC Machining
- Haas 3, 4 & 5-axis
  - Mold making for prototypes



- Metal Fabrication and Stamping
- Stamping, Laser Cutting, Robotic Welding
  - Dies, Fixtures, Jigs, Machine tools



- Casting in Urethane, Silicone with 3D Printed or Machined AL Molds