



# OVERCOME CHALLENGES

Additive manufacturing is making  
**COMPLEX AND CUSTOM DESIGNS POSSIBLE**

Marketing is driving better user experience and  
**INDUSTRIAL DESIGN CONCEPTS**

Increasing focus on visual appeal  
**IN ADDITION TO FUNCTION**

Tremendous pressure to  
**QUICKLY GET TO THE MARKET**

Reduced RMA and warranty costs due to overall  
**HIGHER PRODUCT QUALITY**



900 years of combined experience

Strategic partnerships and suppliers

Expertise in mechanical, electrical, component, manufacturing, project management, and ECAD engineering

Deep understanding of all design stages, manufacturing processes, and supply chain choices

# DIFFERENTIATORS

● **Best-in-Class DfX**  
Consistent Visual Quality

● **Component cross-reference database**  
with over 337,000 parts

● **Strategic partnerships**  
with large group of suppliers

● **1980 square feet**  
product teardown lab  
St. Petersburg, FL

● **40 engineers**  
with over 900 years combined  
experience in mechanical,  
electrical, component,  
manufacturing, project  
management, and ECAD  
engineering

● **In FY15**  
value engineering had  
1007 project requests  
accounting for 2400  
different activity tasks

# CUSTOMER IMPACT

# INDUSTRY TRENDS

✓ ADHERENCE TO ENVIRONMENTAL COMPLIANCE AND WASTE/ RECYCLE RULES

✓ REDUCED RMA AND WARRANTY COSTS DUE TO OVERALL HIGHER PRODUCT QUALITY

✓ CROSS-POLLINATION OF IDEAS FOR THE MOST DIVERSE IDEATION TO CREATE THE BEST SOLUTIONS

✓ UNDERSTAND THE IMPLICATIONS OF YOUR DESIGN FOR MANUFACTURING

✓ THE ABSOLUTE HIGHEST LEVEL OF PERFORMANCE AND EFFICIENCY FROM YOUR COMPONENTS



In 2020 five mega technology trends will require engineering re-designs: The Cloud, Web 3.0, Going Mobile, Wearables, and Surface Computing



Automation is creating cheaper labor solutions and more precise application



New technologies are changing the way products are being manufactured



Printed electronics are changing the way we think about traditional electronics and are pushing the boundaries of size and form factors

