ENGINEERS ARE BEHIND EVERYTHING WE DO.

Because of engineers, we have buildings, transportation, machinery. Without engineers, we wouldn't have an economy. In fact, we wouldn't have much of a world at all. But even engineers are sometimes in need of engineers. At Quartus, we’re engineers who are even more specialized and ready to take on the most unique technical challenge, so you can take your engineering project or idea to the next level.

THE ENGINEERS’ ENGINEERS.

Over 100 engineers strong, our team is made up of experts in advanced structures, simulation, optical systems, electronics and automation—and imagination. We’ve collaborated on some of the most complex and ambitious projects of the 21st century, including designing optical systems for the Giant Magellan Telescope, design and fabrication of an entire airborne Lidar system for L3Harris, and thermal analysis for the NASA Lunar Orbiter Cameras.

WORKING WITH US.

Our expertise is matched by our sense of integrity, discipline and innovation. We pride ourselves on being agile, entrepreneurial engineering partners. And excellent human beings.
“QUARTUS IS ENTHUSIASTICALLY TACKLING EACH PROBLEM AS THEY OCCUR AND FINDING SOME OF THE ERRORS FROM FORMER ANALYSES. OVERALL, IT WAS GREAT TO WORK WITH THEM.”

CHARLES BAKER
LROC THERMAL DIRECTOR,
NASA GSFC
WE HELP SOLVE SOME OF YOUR MOST CHALLENGING PROBLEMS.

At Quartus, we collaborate with some of the world’s top engineers in a wide variety of industries. Our abilities in industrial automation—in space flight hardware builds, for example—are unmatched. And our unique expertise in the design, analysis, testing and manufacturing of mechanical systems for your industry means you focus on doing what you do best. And leave certain highly specialized problem solving to us.

– Consumer
– Civil space
– Medical / Life Science
– Aircraft / Transportation
– Optics / Photonics
– Defense
– And many others

WE CHALLENGE YOU!

We’ve solved some of the most complex engineering challenges for our partners, involving:

– Aircraft
– Industrial Automation
– Laser Communication
– Launch Vehicles
– Hypersonic
– Mechatronics
– Metrology
– Remote Sensing
– Spacecraft
– UAV
– Many others

– And many others
**WHAT WE DO.**

Our superpowers include analysis, testing, design and hardware. While most of our customers are among the world’s most sophisticated and complex enterprises, they sometimes require specialized outsourced engineering services for highly specialized projects. Visit us online at quartus.com or follow us on Linked In to see how we’ve contributed to specific projects.

**Hardware**
- Prototype
- LRIP
- Cleanroom
- Spaceflight
- FDA Compliant
- Custom Tooling/Fixturing

**Simulation Analysis**
- Structural
- Optical
- Thermal
- CFD
- Vibroacoustics
- Aeroelastic
- Non-Linear
- Coupled Loads
- Composite
- STOP

**Testing Services**
- Static Load
- Dynamic
- Thermal
- Vacuum
- Optical Metrology
- Reliability
- Model Correlation
- Custom Solutions

**Design & Development**
- Systems Engineering
- Mechanical
- Optical
- Opto-Mech
- Electrical
- Embedded / FPGA
- Software
LOCATIONS

Between our San Diego, CA and Washington D.C. Metro locations, we have 17,000 sq. ft. of manufacturing and assembly space, including five ISO 7 (class 10,000) cleanrooms in a 5,000 sq. ft. cleanroom complex.

CONTACT US

We’re located in San Diego, CA and Herndon, VA. To learn more about how we can help tackle your next engineering challenge, please visit us online or call us to arrange a tour.

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