



RLA Engineering, LLC

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- Founded: 2010
- Service-Disabled Veteran Owned
- Minority Owned
- Family Owned



DUNS: 063273903

UEI: NM2LJ13M4CM1

Cage code: 7DJC4

NAICS:

541330 541511
541512 541420
541614 541715

Ariba, Supplier io, and Avetta
certified

RLA Engineering is a Vancouver, WA based SDVOSB and MBE engineering firm providing hardware development, software/firmware development, and test and measurement system solutions to help clients nationwide bring complex products to market.

Hardware Development

Our expertise covers end-to-end development of electro-mechanical solutions for our clients.

- Mechanical part and assembly design (machined, sheet metal, 3D printed, plastic injected)
- Electro-mechanical design at the system, sub-system, and component levels
- Circuit and PCB design (analog/digital/mixed-signal, high speed, dense layout, stacked boards)
- Embedded systems and wireless module design
- Packaging simulation and design (functional and regulatory compliance)
- Design for manufacturing (DFM), design for test (DFT), and field serviceable optimization
- Bill of material (BOM) cost reduction and regulatory compliance

Software Development

Our expertise spans from updating an existing code base to a complete architecture rebuild for our clients.

- AI enabled solutions
- Desktop, web, and mobile app solutions
- Firmware optimization
- Database design
- Scripting

Test and Measurement Solutions

Our expertise enables our clients to increase their production yield and throughput, optimize production data analysis, implement test standards, and meet test coverage requirements.

- In-line (in-situ), end of line, and offline production tester solutions
- Benchtop tester solutions for production and R&D lab environments
- Mechanical tooling and process design
- Production floor and field telemetry
- Configurable and automated test and measurement data analysis and reporting

16+ years of HW/SW R&D and Test and Measurement System experience

Industries Served

- | | | |
|------------------------|-------------------|-----------------------|
| ➤ Manufacturing | ➤ Medical Devices | ➤ Logistics |
| ➤ Energy | ➤ Technology | ➤ Aerospace |
| ➤ Consumer Electronics | ➤ Semiconductors | ➤ Specialty Equipment |

Clients

- | | | |
|-----------------------|------------------------|---------------------------|
| ➤ HP | ➤ Microsoft | ➤ Logitech |
| ➤ Nike | ➤ Shell Oil | ➤ Holly Frontier |
| ➤ HF Sinclair | ➤ OpConnect | ➤ Amazon |
| ➤ A-DEC | ➤ Deep Photonics | ➤ EZ Wireless |
| ➤ Simplicity | ➤ Oxford International | ➤ Elyon International |
| ➤ Intel | ➤ GroveTEC | ➤ PECO |
| ➤ Precision Equipment | ➤ Cobham | ➤ Sanremo Coffee Machines |