



Testing and Validation

Vanteon's Quality Assurance team offers complete software and electronic device testing, compatibility testing, and assistance with requirements verification and validation for regulatory and standards compliance.

SERVICES



Since 1985 Vanteon has been providing in-house testing of the software and hardware that we deliver to our clients. We have also provided the same services as stand-alone Custom Software and Device Testing to our client's development teams. We have experience testing software and electronic products in nearly every industry.

Software QA:

- Applications
- Middleware
- Host and device drivers
- Embedded algorithms
- Mobile applications
- Web applications

Electronics Hardware Test & Diagnostics:

- System level
- Board level

DO-178B/C and DO-254 Certifications:

- Code coverage analysis
- Requirements verification

Full Product (Device) Testing:

- Applications
- Functional testing
- Regression testing
- Black-Box testing
- White-Box testing
- Configuration testing
- Compatibility testing
- Integration testing
- WHQL
- Accessibility (Web/Mobile)

Medical Devices:

- Requirements verification

Independent Verification and Validation Services

- Scoping the required testing and verification activities, tools, procedures, and documentation mechanisms
- Co-developing test methodology, procedures, cases and reporting
- Providing independent testing and verification for software and hardware
- Planning hardware verification and validation activities
- Performing requirements traceability
- Delivering reports and documentation

“Vanteon is... pro-active, pointing out testing criteria we might have overlooked to ensure the most rigorous testing of our products.”

Barbara Nachtigall, Quality Assurance Coordinator, Pearson Education

Accelerate Your Design

Let Vanteon's engineering team help your risk mitigation with independent verification and validation services.

Call us at 888.506.5677



Celebrating over 30 years of service, innovation, and collaboration.