Quality Assurance

NovareSys, LLC

Projects

- Test strategy and verification for embedded printer, MFP and camera controllers.
- Debugging of rendering issues, memory leaks and device driver problems.
- Device and service data analysis that led to fines on a vendor not meeting quality targets.
- Pre-emptive maintenance that kept devices in the field operational and perceptions of quality high.
- Test processes and release criteria for client product teams.

Activities

Test Planning and Strategy

- Requirements-based test plans with traceability from requirement to test result.
- Risk-based prioritization of test effort and clear release readiness criteria.

Verification and Validation

- Functional, integration, system, regression, performance and stress testing.
- Interoperability and standards conformance, including print, scan and image output quality.
- Embedded, host, enterprise and cloud components tested as one system.

Automation and Tools

- Test harnesses, simulators and scripts for automated regression testing.
- Defect tracking, metrics and dashboards that show the true state of the product.

Process Quality

- Design and code reviews, root-cause analysis and corrective action.
- Supplier and vendor quality monitoring using real device data.
- Support for regulated (for example, medical device, defense, etc.) development processes.



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Above and Beyond

Quality built in from the start, not tested in at the end.

Field data from remote diagnostics and M2M feeds back into design and service.

Independent, objective view of product readiness, so your decisions are based on facts.