



Embedded Software Case Study

Robust QA Road Map for Mobile Handset Manufacturer

"We were looking for a reliable and trusted partner to test our Bluetooth software and glad that our search ended with STC. They offered us comprehensive testing for our software. I would recommend STC to any organization"

Head- Reputed Mobile Company.

The Customer

The client is a market leader for mobile phones and a total solution provider for 3G and Mobile Internet. The client's handsets are known for their large color screens, built in cameras, Wireless connectivity such as Bluetooth and other functions that make them ideal for use in the mobile Internet domain.

Challenges

Increase in customer demands and pressure to release quality products in reduced timelines.

Defining and providing intermediate solutions for product testing

Scarcity of resources in the field of embedded testing

The pace at which technology changes results in competitors leapfrogging the current technology to go ahead

Sunken investments and larger time to market resulting in revenue loss

Embedded systems have evolved from simple isolated systems to complex networked set-ups making it difficult for companies to test projects within the time and budget constraints

Situation

The client faced time-to-market and extreme pressure in launching the new product of GSM/GPRS mobile phones and required a robust feature rich bluetooth software solution to be integrated into the product to enable full bluetooth functionality for the applications on it's mobiles to transfer data to a stand alone machine through a bluetooth dongle.

Solution

To meet the customer expectations STC leveraged its expertise to provide a testing solution for accurate real-time software functionality that combined domain expertise with mature processes delivering high quality testing services to client specifications in challenging timelines. Our quality assurance methodology improved embedded development productivity by automating the process of test-case creation, measurement and recording, and assist in conforming to quality standards in a defined software testing process.

STC'S Area of expertise in Embedded System Software Testing

- Industrial Automation
- Consumer and Electronics
- Storage
- Office Automation
- Medical Electronics
- Mobile And Wireless

Benefits

- Collaboration is seamless.
- Compliance with product life cycle regulations is assured.
- Technology is ready to meet a growing market need.
- Improved Customer Satisfaction
- Streamlined Product release cycle
- Implement new capabilities that can accelerate and improve testing processes.
- Reduce production sales and delivery costs
- Ability to deliver high-quality, cutting-edge products that can provide a faster time to market
- Accuracy and robustness

About STC

STC ThirdEye Technology (India) Pvt Ltd, is India's largest Independent software testing organization providing End-to-End testing Services We build and operate dedicated India-based testing centers for our customers with the latest computing and data communication technologies, and deliver our services, with high standards of security and confidentiality. Consistent qualities of deliverables under compressed time schedules enable us to get repeat business. We help Fortune 500 ERP, BFSI, Healthcare, Gaming and Telecom solution providers We are ISO 9001:2000 certified organization. For more details, please visit us at www.stcthirdeye.com