QA
Services

The foundation that ensures the success of your software.

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Introduction
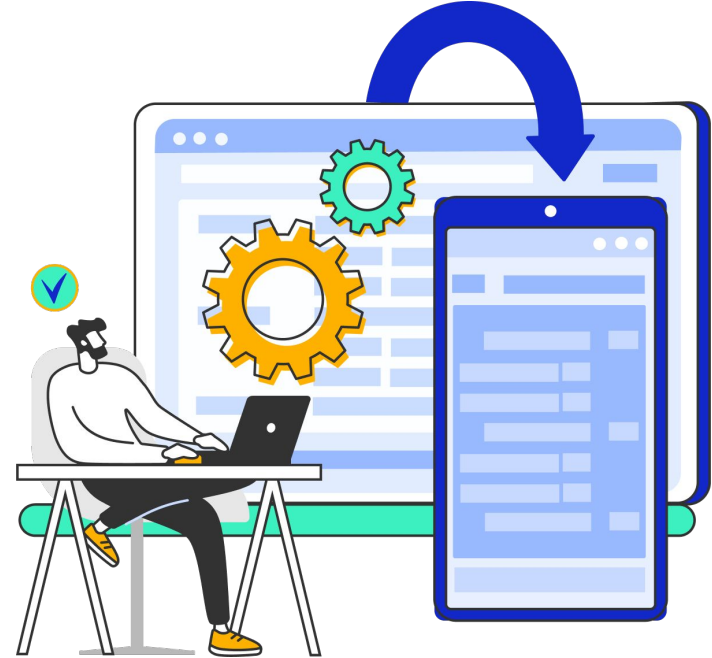
Headquartered in India, Ecosmob stands at the forefront of VoIP innovation, serving a diverse, global clientele.

- **Pioneering Since 2007:** Delivering cutting-edge VoIP solutions through proven expertise.

- **Open-Source Tech Mastery:** Expertise in open-source technologies for reliable, scalable VoIP solutions.

- **Custom Solutions:** Tailored end-to-end development services uniquely crafted for every business need.

- **Client-First Approach:** Prioritizing a consultative, collaborative, and client-centric partnership with each client.

Why Your Software Needs QA

Bugs and glitches in your software can lead to:

- **Frustrated Users:** Bugs in your software can negatively affect user experience and hinder user adoption.

- **Increased Costs:** Fixing bugs post-deployment is significantly more expensive than proactive QA.

- **Damaged Reputation:** Software failures can damage your brand reputation and lead to customer churn.

- **Missed Deadlines:** Bugs can delay project timelines and lead to missed deadlines.

Financial losses, customer churn, reputational damage-none of that's worth not learning what good QA services can do for you.

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How QA Can Transform Your Software

A good QA service is your secret weapon to turn your software from good to great.

- **Enhanced User Experience:** Deliver a seamless and delightful user experience that drives customer satisfaction.

- **Increased Revenue:** Reduce software failures, improve user adoption, and boost your bottom line.

- **Faster Time-to-Market:** Identify and fix issues early in the development cycle, accelerating your product launch.

- **Competitive Advantage:** Gain a competitive edge by delivering high-quality software that exceeds expectations.

- **Risk Mitigation:** Protect your brand reputation and avoid costly recalls or legal issues.

Why Partner with Ecosmob for QA

Your software's success blueprint starts here.

- **Deep Industry Expertise:** Our experience across various domains ensures tailored QA solutions.

- **Cutting-Edge Technology:** We leverage the latest tools and methodologies for efficient testing.

- **Dedicated QA Team:** Our skilled professionals are committed to delivering exceptional results.

- **Client-Centric Approach:** We work closely with you to understand your specific needs and goals.

- **Happy Clients:** Our successful partnerships are a testament to our commitment to quality..

- **Cost-Effective Solutions:** We offer flexible pricing options to fit your budget.

Ecosmob's QA Services

Everything you need to build exceptional software.

VoIP
Testing

Mobile
Testing

Performance
Testing

Functional
Testing

Non-functional
Testing
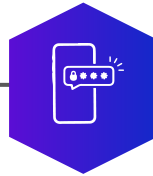
QA
Automation

APIs Testing
with Postman

On-demand
Testing
Services

Load
Testing

Smoke
Testing

Code
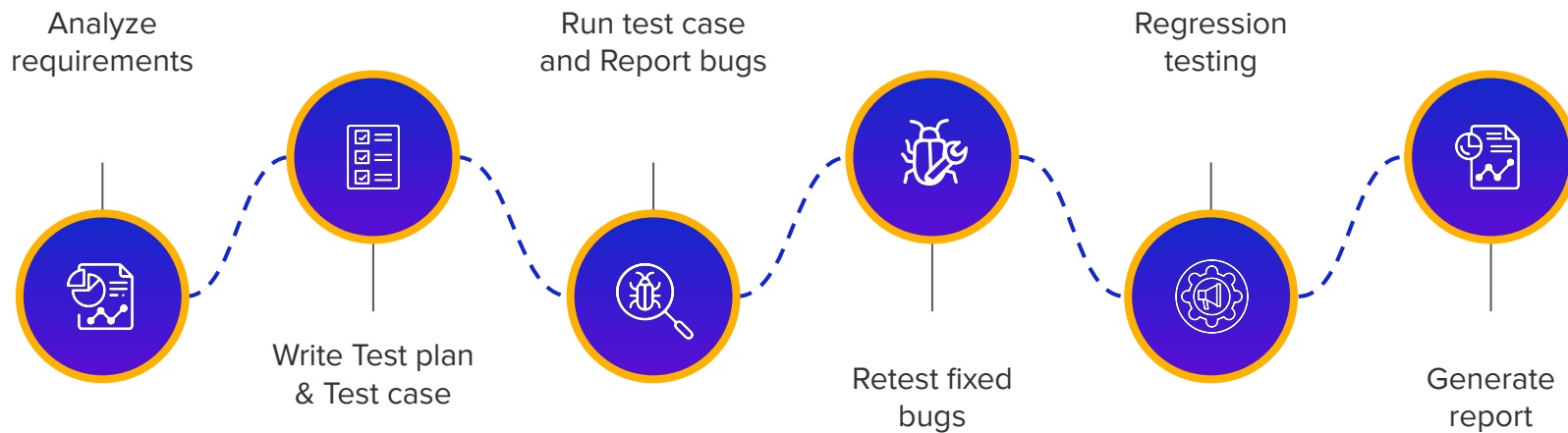Verification

Compatibility
Testing

Manual
Testing

Security
Testing

Our Process

Our tried and tested approach to exceptional quality and performance.

Analyze
requirements

Write Test plan
& Test case

Run test case
and Report bugs

Retest fixed
bugs

Regression
testing

Generate
report

**Automating WebRTC
Application for SignalWire**

SignalWire, a leading provider of real-time communication solutions, partnered with Ecosmob to automate testing for their WebRTC application.

Challenge

- Guarantee consistent performance after code changes and new features.

- Manage video, audio, and data flow seamlessly.

- Automate testing for user actions like starting calls and screen sharing.

- Ensure smooth functionality across different browsers and operating systems.

Automating WebRTC Application for SignalWire

Ecosmob's Solution

- Integrated Cypress, a powerful automation testing framework.

- Created automated test scripts to cover key functionalities.

- Navigated the complexities of WebRTC applications.

- Ensured application compatibility across diverse platforms.

Impact

- Faster release cycles with efficient testing.

- Enhanced reliability and user experience.

- Efficient automation freed up resources.

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Telephony Refined for Phone.com

Phone.com, a telephony industry leader, sought to enhance its VoIP system's reliability and efficiency.

Challenge

- Ensure flawless operation of core telephony features (call routing, queuing, conferencing, forwarding, voicemail, recording).

- Seamless integration with FreeSwitch and Kamailio platforms.

- Optimize system performance to handle increased call volume and complexity.

Telephony Refined for Phone.com

Ecosmob's Solution

- Implemented comprehensive QA, including manual, regression, load, security, and performance testing.

- Utilized specialized tools like SIPp, SNGREP, vulnerability scanners, and performance testing tools.

- Collaborated closely with Phone.com's development team for efficient issue resolution.

Impact

- Identified and resolved over 100 critical bugs.

- Significantly improved system stability, performance, and security.

- Enhanced call quality, reduced drop rates, and increased customer satisfaction.

- Optimized system to handle increased call volume and complexity.

Deltapath's Comprehensive Testing Journey

Deltapath, a leading Hong Kong-based IT firm specializing in VoIP solutions, sought to optimize performance testing for various IP phone models.

Challenge

- Handle complex custom call flows in Deltapath with seamless integration.

- Ensure performance and reliability under varied loads for custom call flows.

- Manage options call flows with intricate branching and error handling.

- Handle concurrent calls, dynamic adaptation, and recording/analysis for receiving call scenarios.

- Master SIPp automation for transfer, conference scenarios, and tool integration

Deltapath's Comprehensive Testing Journey

Ecosmob's Solution

- Implemented comprehensive QA with manual, script-based automation for Deltapath's needs.

- Conducted testing on actual devices for real-world relevance (not simulations).

- Utilized SIPp for system automation and PCAP files for detailed analysis.

Impact

- Achieved alignment with client expectations through automation and real-world testing.

- Identified and resolved numerous issues related to custom call flows and SIPp functionalities.

- Enhanced overall product quality and performance through a systematic approach

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Elevating App Performance For Wonet

Wonet, a French IT firm offering cross-platform instant messaging and VoIP services, sought to enhance the performance and reliability of its mobile app.

Challenge

- Conduct thorough QA testing of Wonet's mobile app against international benchmarks and WhatsApp.

- Uncover and document performance issues and bugs, especially in audio/video calls under various scenarios.

- Maximize bug discovery through rigorous testing.

Elevating App Performance For Wonet

Ecosmob's Solution

- Implemented a multi-pronged QA approach including test case management, manual testing, and exploratory testing.

- Utilized Testlink, Quickscrum, and WatchRTC for streamlined test management, project management, and quality-of-service (QoS) measurements.

- Addressed user-specific issues and crashes through Crashlytics and log analysis.

- Maintained close collaboration with Wonet through weekly meetings and platform-specific bug reporting.

Impact

- Identified and documented over 250 defects in iOS and Android versions, including major and blocker issues.

- Significantly improved app quality through comprehensive reporting and prompt communication.

- Wonet expressed high satisfaction with Ecosmob's work and commitment to quality enhancement.

Industry Verticals

Leveraging our extensive experience, we have served clients across various industries. Here's an overview:

Our Key Clients

Contact Us

Ecosmob warmly welcomes new collaborations. We're eager to hear your questions and suggestions. Please share them with us; we'll gladly address them for you.

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