Embedded Software Development

Delivering Quality, Custom Solutions for Your Business
Why Choose BRISA?

Since 1988, BRISA has provided business solutions and communication technology services through the development of strategic and technical projects.

With 90% of our revenue coming from recurrent clients, we have become well-known for pioneering projects relating to software, digital TV, Internet and more.

BRISA has been building a solid expertise in software development since its inception in 1988. We create and implement solutions based on different technologies, programming languages, tools and market development frameworks. BRISA’s software development team is particularly strong in embedded software solutions, for both mobile and fixed devices.

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BRISA has performed embedded software development for medium and large companies around the world, adding value to their hardware products through the development of core systems and technical features, as well as additional mobile and Internet-based solutions.

The commitment of our projects goes beyond the functional requirements. We’re always considering aspects of usability, performance, portability and scalability.

Our software process is based on methodologies and strong management processes to ensure the high-quality of our deliverables within the agreed time frame.
Agile Process

Our Software Development team adopts the Agile process to avoid common scope definition problems, adapt well to changing priorities and quickly respond to customer needs. We utilize a collaborative, hands-on approach with each one of our clients.

Consulting, Negotiating & Planning
Our team works diligently to ensure your plans are executed thoroughly and efficiently.

Development & Testing
We perform several rounds of meticulous testing during and after development.

Features Prioritization
We'll arrange features effectively to maximize the value of your software and product.

Demonstration & Delivery
Our developers present a prototype so you can gauge the performance of your software.

Deliverables

Our hands-on approach includes detailed documentation and reporting to ensure software development success.

Business Specification
Describes all of the business requirements using diagrams and examples in end-user language

High Level Design
Documentation of the end-user interface as a final system prototype

Low Level Design
Technical documentation using case analysis, flow/status diagrams, database models, data dictionaries and a glossary

Test Report
Reporting on three cycles: development, unitary and integration. This report has step-by-step tests, expected results, actual results and correction status

User Manual
Step-by-step user manual describing the behavior and business rules of each field and button

Installation Manual
Hardware and software platform prerequisites, configuration and installation process
Software Tools & Languages

Our team utilizes the latest industry tools to ensure high-quality software development for your applications.

Along with state-of-the-art tools, we have extensive experience with key software development languages, including:

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Some of Our Clients

We’re privileged to have provided our specialized services to many reputable companies in a variety of industries.

Benefiting 70+ Companies
Featured Success Cases

Our versatile software development services have helped companies around the world build high-quality, embedded systems.

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Our embedded software solution allowed the adoption of a document management process for credit analysis running on Lexmark multifunctional printers, resulting in greater agility and much less operational customer service issues.

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We developed and tested several software localization projects in order to enable the commercialization of LGE mobile phones in Latin America countries, including the development of new features and the adherence to local laws and the carrier’s demands.

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We have collaborated on research and technological development in a complex context related to fiscal printers. In order to meet Brazilian tributes and taxes legislation, such equipment has been improved with embedded communication processes protected by digital certificates.

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We have been developing technical features for Quanta tracking devices, enabling the creation of innovative services and enhancing the added value to its users.

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Our technical team developed embedded solutions for Huawei’s equipment, allowing the commercialization of Huawei’s products already customized to the Brazilian market, as well as the implementation of carrier’s specific needs.
Contact Us

To learn more about BRISA’s software development expertise and how we can benefit your company, please email or call our primary business representative.

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