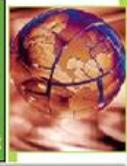# Offshore Product Development Engineering

Offshore Product Engineering Process

Rapidsoft Systems, unlike other offshore or outsourcing vendors that you may have dealt, operates on the principles of complete transparency of the process. What it means that we really tell you all the good stuff and successes, but we also discuss issues and problems first hand. We don't believe in twisting facts just to keep you happy, and don't put any marketing or sales spin on it. As a professionally run, R&D oriented company, we don't believe in spins that you may find with other companies. Our primary purpose is to complete projects with honesty, integrity and to the best of technical abilities. Our main emphasis, in whatever we do, is to ensure the best value realization for our customers.

Our Product Development Process

This process is quite similar to our offshore software development project. However, all hardware design is done in the US only. We do not take the hardware design work to our offshore facility.

1. **Product Development Scope** The first and most important thing in any project design is to get detailed product scope. The client can prepare this or we can prepare this.
2. **Product Design:** Once the scope is done our engineers will do the hardware design if needed, prepare BOM, do the costing and create necessary infrastructure to develop and test a prototype model. We develop a lot of embedded systems and doing so requires a fully equipped lab. The turn around time depends on the complexity of the project.
3. **Product Development:** This stage involves a number of specialists such as Hardware Designers, BSP developers, Programmers, Designers, Quality Engineers and the Clients product management team.
4. **Product Testing:** This is an obvious step. Once the project is ready - it needs to be tested in a black-box configuration with all hardware and software loaded as needed in a real use environment.
5. **Product Documentation:** At this stage all products user documents, support documents and design documents are finally modified.
6. **Product Delivery:** Once product is tested it is ready for delivery. At this stage the design with documentation can be handed off to a manufacturing unit.
7. **Product Maintenance Support:** rapidsoft's team is available for any after market product support and modifications.
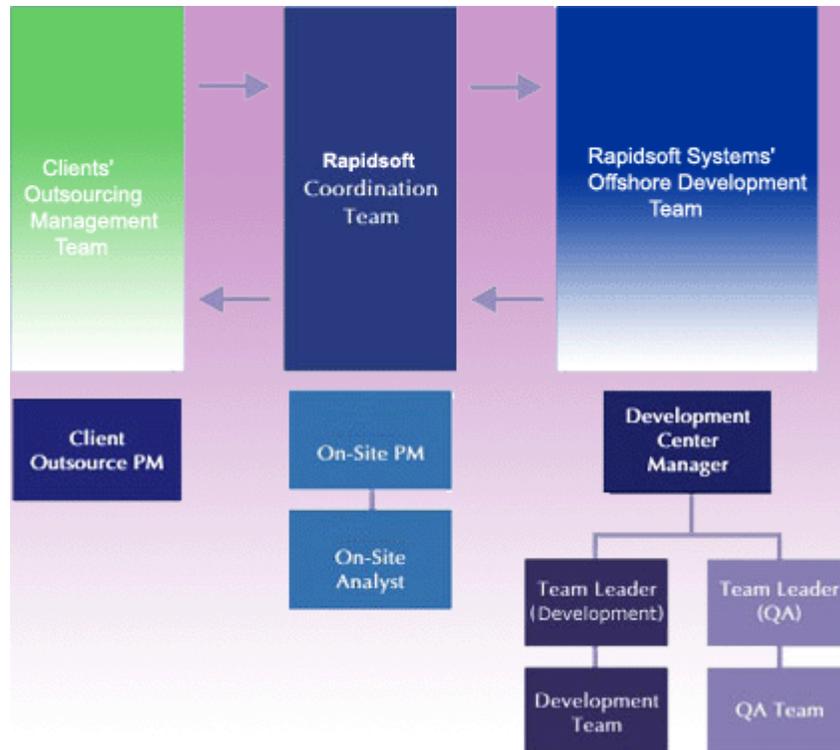
Tools for Hardware Product Design

Interaction with the Client and Working Closely With Offshore Teams

A challenging aspect of offshore development is gaining visibility into the development process while maintaining control. For example, do you know what developer made what changes in the latest release that went into production? Do you know that all the automated unit tests were run and passed on the latest build that made it into production? Were automated functional tests run and did they all pass? If not, then how did the build make it all the way to production? We at Rapidsoft Systems can make your life easier and project manageable because of our transparent approach to project management.

Rapidsoft Systems can help you regain visibility into your off-shore development process so that you can once again feel like you know what is going on, your experience is being utilized, and the process and safeguards that you designed are actually being followed. Our team works closely with the clients team. The process is shown below in the diagram below:

Interaction Between Rapidsoft Systems Project Management Team and the Customer's Management

Project Management

Rapidsoft designates a project manager for all its projects. The project manager is will provide continuous updates to the clients on weekly basis.

Project Level Communication

Our project management lead will provide appropriate communication on the project. Apropriate means such as teleconferences, written status reports and such other communications are used.

Online Project Monitoring

We make us of online project management and monitoring tools providing full access to our clients. This allows them to communicate with our team in a protected and secure environment.

Rapidsoft Systems Benefits

Working with our experienced team of developers offers the following advantages:

- Quick, cost-effective development cycle
- Experience across a broad range of industries
- Large library of component code (Shopping Cart, Calendar, Mailing List, .Net/PHP Scripts, Mobile Software, Networking Software Components, Routing protocols & and more Tools)
- Efficient management structure
- Comprehensive suite of services

We are dedicated to providing innovative and professional services that will exceed your expectations. Please contact us to explore the broad range of solutions we can provide to empower your company to conduct business on the web.

Why Rapidsoft Systems:

With over 350+ software projects executed, you can simply count on our expertise, experience in giving you the right solution at absolutely lowest possible cost. If you would like more information, or want us to submit an estimate or a "no-obligation" quote for your project, contact us for more information.

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