



M2M Telematics Platform- SW Development

Company had grown by acquisition, resulting in multiple customer-facing and carrier-facing SW platforms. Gadgeon helped with SW development, integration and migration services, focusing on OSS/BSS functionality.

Project Period: Ongoing

Team Size: 25 members

Tools Used: .NET Framework, WCF, WebServices, SQL, LINQ, LAMBDA, ASP.net, workflow, nHibernate, Windsor Castle, Tellerik

Challenge

- Company had existing customers on multiple Telematics Platforms
- Functionality of multiple platforms had to be integrated into one unified platform
- Required ramping a team of 25 engineers, while learning the customer's SW Architecture in a very short period of time

Outcome

- With minimal support, Gadgeon's team ramped up in 4 weeks
- Customer has been able to focus their internal SW Development teams on developing new features and products
- Customer churn has been dramatically reduced

Project Details

What did GadgEon do?

- Ramped-up a SW development team of 25 in 30 days.
- Learned the customer's Telematics Platform architecture with minimum support from their technical team.
- Internalized the customer's SW development processes.
- Developed new Telematics Platform features (Carrier onboarding, Threshold barring ...)

Platforms/ Technologies used

- Robust web platform for the M2M clients to control all aspects of the wireless services
- Use Cases Included:
 - Stock orders or order SIMs
 - Activations:
 - Reactivations
 - Deactivations
 - Batch Activations
 - Profile changes
 - Plan changes
 - Billing and reporting

Requirements and Technologies

Gadgion Strengths	Platforms/ Technologies used
<ul style="list-style-type: none">• Strong technical expertise in<ul style="list-style-type: none">○ .Net Framework, ASP.net Framework (Web forms & MVC) & C#○ Designing services (WCF & WebAPI)○ Distributed system design / Micro service / Event Driven architecture.○ Designing for Non Functional Requirements (NFR's)	<ul style="list-style-type: none">• Telematics platform is developed using .Net framework<ul style="list-style-type: none">○ WCF○ Webservices○ SQL○ LINQ○ LAMBDA○ ASP.net○ Workflow○ nHibernate○ Windsor castle○ Tellerik

Why Gadgeon?

- Our ability to scale large teams rapidly
 - Ramp up a team of 15-20 engineers in as little as 30 days
- Core competency in OSS/BSS Platforms
- End-to-End M2M/IoT expertise
- Experts at Test Automation for complex Telematics Platforms

THANK YOU

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