

# Lightning Like Execution – Future ready app based on the Most Innovative Idea @ Dreamforce 2014

## The Core Need

YOUR SL, A German Based Salesforce.com Platinum Partner, needed IOT based product to be showcased to enterprise customers in 3 months. The plan was to use Salesforce.com as data layer, C# for business layer and Xamarin for Front end. They needed to quickly form a cross functional teams comfortable with AGILE execution.

## Technology & Personnel Deployed

Formed a stable team comprising of the following personnel

Salesforce.com 401 Developers [8]  
C# developers [10]  
Xamarin Developers [4]  
iOS developers [4]  
Android developers [4]  
QA Resources [4]  
Technical Architects [2]  
Code Management [4]  
QA Managers [1]  
Project Manager

VisualStudioOnline set up & daily code integration with German team for demos. Even set up a virtual window for daily communication with our partner, YOUR SL.

## Solution

Opted SF Lightning like development

- VisualStudioOnline integrated with Salesforce.com
- Used Angular JS single page app to bring Drag-n-Drop functionality. Unlike Lightning, This can support mobile apps perfectly
- Used GitHub/Bamboo for continuous integration & collaboration. TRULY agile process with 14 day sprints.

## Moldtek Value Addition

Formed 42 member team within a month

- 5 Developers, 1 QA, 1 Dev-Ops in each team supported by central QA team
- Completely streamlined process and scrum certified project managers
- ISTQB certified quality specialists proficient in manual and automation testing
- Separate ODC with access controls and perfect communication protocol
- Cost savings to the tune of 50% but at quality standards better than International standards
- Continuous integration enabled the client to see updates daily

## Technology Skillset

**C#.Net, Android, iOS, Xamarin, Salesforce.com, Angular JS, HTML5, CSS3**

## Deliverables

- A fully functioning mobile application for retail execution & tracking
- Modular releases using 2 week sprints with separate version control resources
- 42 member team to be completely retained for enhancements and support
- Demos and POCs based on actual business process for different customers

## Success Story

Using Angular JS, we overcame limitations of Lightning framework

- Prototype appreciated by Salesforce.com Global R&D team
- Received excellent reviews from global enterprise customers
- Within 2 months, Your SL started 4 member team to build POCs for their sales team