

NaviCu™ p2s Platform (Problem-to-Solution)

As a way to provide further details on the session while also giving some insight into our process, we have organized the information by the appropriate steps of the NaviCu™ p2s Platform. This isn't meant to be an exhaustive list, but rather an illustrative summary of how we partner with our clients to develop innovative solutions for their business problems.

Discovery



The client staff detailed 34 workflows in preparation for the on-site visit. The on-site visit to the production facility allowed for face-to-face interaction with the staff, along with providing a clearer picture of the entire process.

Scope



NaviCu™ Game Plan was 70 pages with 13 sections and provided the specifications for solutions to the problems in both the current and future phases of the project

Kick-off



Due to the uncertainty of end user adoption and the viability of the plan, the initial Farmer App project featured an aggressive timeline with the focus on validating a "proof of concept" for the project

Development



Each major phase of the project went through its own development cycle with an agile-type methodology deploying individual features as they were completed

Review



Many of the advanced analytics calculation processes regarding the internal breed standard KPI values are continually being refined by "training the model" to make it more accurate and efficient

Testing



The Farmer App was initially beta tested using Test Flight with a small sample set of 10 farmers

Changes



Majority of changes came directly from new feature requests by the farmers for the Farmer App and office staff for the Admin Office System

Launch



The databases for the system are currently hosted in FileMaker Server 17.0.5 on an AWS (Amazon Web Services) t2.xlarge instance running WIN Server 2016. MirrorSync 6 is being used for the data transfer between the Farmer Apps and the Admin Server and is hosted on the same AWS instance as FileMaker Server. NaviCu manages a Tableau Server 2018.3.3 on an AWS t2.xlarge instance running Linux with a dedicated site for each client. Extract refreshes are run hourly to automatically update Tableau with the data from FileMaker Server.

Support



For the initial rollout of the Farmer App, a key project manager was on-site for the initial rollout, and subsequent update, at the community level. This in-person training was invaluable to ensure successful adoption by the farmers.

NaviCu Tracker



Was one of the first clients to utilize the ticketing system which developed into the NaviCu™ Tracker. The client specifically commented on the effectiveness in improving communication which made the process more efficient.

