Project title

Agrifac PdM | Servitization

Customer

Agrifac Machinery B.V. | www.agrifac.com

Sector

Smart Industry

Empowered Solution

- ➢ Predictive Maintenance (PdM)
- ➢ Machine Learning
- ➢ Artificial Intelligence
- ➢ Connected Machine
- ➢ Data Warehouse
- ➢ IT Consultancy
- ➢ Software architecture

Period of Execution

- ➢ Start: July 2016
- ➢ Finish: Oct 2016

Technologies

- ➢ Best of Breed Predictive Maintenance
- ➢ Data Warehouse

Value added elements

- ➢ Software suppliers
- ➢ Commercial Product Integration "AYE"
  (Amplify Your Effectiveness) 1st launch 2018

Company overview

Agrifac increase yields on less productive farm lands, where Agrifac see huge yield gaps between current production levels and those possible, with improved production practices, mechanization and precision farming. For instance, combined with innovative sprayers they are able to achieve higher yields and provide each plant what it needs with less crop protection. This business contributes to a brilliant simple solution in helping farmers to feed the world in a sustainable manner.

Business challenge

Can you improve our worldwide service? For this we've noticed different elements within Servitization which switch between internal and external processes, also known as the Internet of Everything (IoE). Let's connect People on a way that makes more value and is more relevant. Use easy workflows, have fun with data and generate value that is driven by your own people. Align Processes by delivering the right information to the right person or machine, and use the right information from the people of machines at the right moment. Convert Data, from big data into smart data, so decision making becomes easier. Connect Things by physical machines and objects and that's how Agrifac products become smart.

Why Scheper.Co?

Empower your process with smart designs. Scheper has a background in the agriculture world, combined with a deep understanding of customers. Together with the knowledge about maintenance and asset management from the energy sector this forms a unique combination for the next challenges within these sector. Agrifac needs a conceptual thinking approach, that can feed new ideas of farming. Where "pay per hectare" forms a decent opportunity.

How Scheper.Co helped?

We tried to answer the question "what might happen with the technical machine condition in the future?" High-quality maintenance is an important activator in this matter, which needs to be supported by a real-time Machine-to-Machine connection. We made a recommendation about Data warehouse connections. We delivered a software solution that is able to read +300 triggers of each machine. Agrifac receives alerts over all the (+2500) connected machines in time.

Customer quote

Brilliant simple – 4e for growers" Scheper helped Agrifac well on our way for Servitization. We now have a roadmap for the various topics Customer Journey, Predictive Maintenance and Machine Learning. By his contribution we have a better visibility about the consistency and it gives us a clear view on the opportunities and choices that we have to make.

Example: wheel bearing (front-left) is failing and related wheel bolts are loose.

Agrifac
Condor Clearance Plus
Serial: 150101CCP01
Location: NL-DR

Example: wheel bolts (back-left) are loose.