



ENABLING INSIGHTS: From Foundation to IoT Innovation

BUILDING A FOUNDATION

One of our large agriculture manufacturing clients leveraged Source Allies consultants to develop and enhance their data-driven approach to monitor and improve its farming equipment's quality and efficiency. Machine data, sourced from multiple systems, is used to track hours of operation, distinguishing between idle, working, and transport hours. This data is then correlated with specific software versions to identify defects accurately.

To gain deeper insights, we incorporated acreage data, shedding light on defect locations and causes. Regional analysis complements this approach, allowing our partner to tailor decisions to specific machines, software, and crops. This strategic use of data ensures higher quality data driven decisions, optimized operations, and a competitive edge in the agricultural industry.

ELEVATING DATA-DRIVEN EXCELLENCE: THE IoT ADVANCEMENT

To continue to advance our client's ability to make data-driven decisions, we championed a recent innovation in the Internet of Things (IoT) realm that continues to set them apart from the competition. By capturing and ranking "cell strength" data on each machine, a global map was created, with machine dots corresponding to signal strength levels, accompanied by a detailed chart for in-depth analysis.

This groundbreaking approach not only helps pinpoint areas with poor data reporting, such as Australia, but also reveals surprising gaps in supposedly well-covered regions like Wisconsin and Washington. Armed with this insight, our client can strategize alternative methods to track machines, ensure continued participation in software testing and data reporting. Source Allies is able to reinforce our client's commitment to data-driven excellence with this unique IoT-based initiative.