

21st Century Equipment Project Impact

21st Century Equipment allows customers to utilize their equipment to maximum efficiency whether that be fuel consumption, hours spent working or acres covered. The goal of this grant is to give providers and consumers the means to make their operations run as seamless as possible. We as an equipment supplier have 345 machines that are currently not connected in our area of Nebraska. That is 345 opportunities to catch failures before they happen or become more serious for the customer. It's also 345 opportunities to capture data about the equipment and the operation being done that was not previously being captured. We have features that are enabled with modems which will be provided through these technology grant funds.

Service advisor allows technicians to quickly diagnose issues by reading live sensor data, previous fault codes, and access to documentation specific to the model of machine which are all provided real time by connected machines.

Remote display access allows our Precision Ag technology associates to guide customers quickly and accurately through setups of a piece of equipment or solve a technology problem.

Wireless data Transfer allows customers to keep track of their application data give you access to know how efficiently and effectively the job was done. This is enabled real time by connected machines. Previously this had to be done manually with a USB.

And finally, Machine sync allows two machines in the same field to be doing the same task where they share a coverage map and guidance lines allowing for a seamless experience when trying to get a job done with 2 or more pieces of equipment.

Adding the ability for machines to be remotely monitored by 21st Century Equipment is a safeguard for the customer and dealership as we all benefit from the installation of the technology. As machines get newer they come equipped with many of these features but making sure that the technology is accessible for not just new buyers but aged fleets as well makes the customer more efficient, effective, and drives down costs. It will allow 21st Century Equipment to make sure our customer experience is similar across the board and increase access to provide better service for our customers.

All monitoring is done through the John Deere Operations Center mobile and web applications. This provides that real time view for our customers on machine health, how to utilize their fleet of equipment, and ensure effective productivity to minimize waste of fuel and crop inputs.