



# Simplifying the precision process without sacrificing accuracy

LEADING  
AG-PRODUCER  
IN UKRAINE  
BOASTS  
RTK-LEVEL  
PRECISION  
WITHOUT A  
BASE STATION

## CHALLENGE

Kernel is the world's leading and the largest in Ukraine producer and exporter of sunflower oil, and major supplier of agricultural products from the Black Sea region to world markets, including corn, sunflower, soybeans and winter wheat. The company exports its products to more than 80 countries and requires near exact precision to ensure yields are as high as possible while avoiding downtime that could affect the crop production.

## SOLUTION

In 2014, Kernel implemented enterprise automation with the goal of increasing operations quality and precision. They tested various systems on their 270-unit equipment fleet and initially deployed RTK. However, soon after, they saw many field segments had no internet coverage and were dropping their signals, causing significant downtime.

The team quickly realized the utmost need for uninterrupted work, which is where Trimble CenterPoint RTX came into the picture.

## RESULTS

With Trimble CenterPoint RTX, Kernel enjoys no equipment downtime in the field during the season as they now have a stable GPS connection through satellite delivered connection with no radio and no base station. The Kernel operations team is now precisely positioned with less than one-inch accuracy and at a level just as good, if not better, than RTK – and for a lot less hassle. Initially, the team slowly integrated the service. Currently, CenterPoint RTX at Kernel is used to perform operations that are critical in terms of execution time and in areas with no GSM Internet coverage.

Every user at Kernel, who has tried Trimble CenterPoint RTX can confidently compare the accuracy of movement and doesn't require extra work. Just the press of a button and it's all automated from there. The ease-of-use also made it extremely easy for operators to master the technology quickly, which was important to ensure the company stayed on top of harvest and production.

Kernel strongly believes that Trimble CenterPoint RTX correction services are the future of farming.



Contact your Distribution Partner today

### NORTH AMERICA

Trimble Inc.  
10368 Westmoor Drive  
Westminster CO 80021  
USA

### EUROPE

Trimble Germany GmbH  
Am Prime Parc 11  
65479 Raunheim  
GERMANY  
+49-6142-2100-0  
Phone  
+49-6142-2100-140 Fax

### ASIA-PACIFIC

Trimble Navigation  
Singapore Pty Limited  
80 Marine Parade Road  
#22-06, Parkway Parade  
Singapore 449269  
SINGAPORE  
+65-6348-2212 Phone  
+65-6348-2232 Fax

© 2021, Trimble Inc. All rights reserved. Trimble, the Globe & Triangle logo are trademarks of Trimble Inc., registered in the United States and in other countries. All other trademarks are the property of their respective owners. 022517-249 (03/21)

