Who is NovAtel?

NovAtel dominates the space where the art and science of positioning and customer success intersect.

We empower skilled people to expand the boundaries of what is possible.

Hexagon is a leading global provider of information technologies that drive quality and productivity improvements across geospatial and industrial enterprise applications.
Where do you find NovAtel technology?

**Measuring**
- Survey
- Mobile & Airborne Mapping
- Timing

**Guiding & Controlling**
- Construction & Mining
- Agriculture
- Autonomous Systems

- Military & Defense
- Unmanned Systems
- Ground Reference Receivers
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WAAS Infrastructure

Barrow, Alaska
A Long History in OEM Precision Agriculture

1999
2007
2008
2013
2015
2016
Products for Precision Agriculture

- **GNSS Receivers**
- **Software**
  - GLIDE™
  - STEADYLINE®
  - ALIGN®
  - CORRECT™ PPP
  - CORRECT™ RTK
- **SMART Antennas**
- **GNSS Antennas**
- **GNSS Corrections**
  - TerraStar-C
  - TerraStar-L - NEW
- **Post-Processing**
COMPLETE AERIAL INFORMATION

LATAS

And Much More!

DATAMAPPER
OUR CUSTOMERS DON’T WANT PLANES. THEY DON’T WANT PICTURES. THEY WANT ANSWERS

DR. ERNEST EARON
CTO & Co-Founder at PrecisionHawk
HOW FARMERS WILL BENEFIT
From UAV Technology

Optimize Inputs (seed, nitrogen, water)

React More Quickly to Threats (weeds, pests, fungi)

Save Time Crop Scouting (validate treatment/action taken)

Improve Variable Rate Prescriptions (real-time aerial information)

Estimate Yield (precisely calculate field characteristics)
NovAtel Waypoint Post Processing

- IMU: Inertial Data
- GNSS RECEIVER: Measurements
- Position/Inertial Data
- Inertial Explorer
- Correction Data
- Precise Time-aligned Position and Orientation

REFERENCE BASE STATION
Positioning Solved

Accurate, Actionable Output
Increased Yield and Profit
Thank You

World leading positioning technology in every field.

Get it in yours

http://www.novatel.com/industries/agriculture/

Visit us at Booth 103
A BUSINESS BUILT AROUND EMPOWERING THE USER TO GET TO AN ANSWER

1. Capture
2. Manage
3. Analyze
4. React
COMPATIBLE WITH ALL AERIAL DATA PLATFORMS

- Satellites
- Manned Aircraft
- Drones
STITCHING FOR AG
SURVEY 3D VIEW
FMS PRESCRIPTIONS

- Simplified ENDVI
- Vector Map
- Vegetation indices
- Contour Map
- Variable Rate Prescription
- ENDVI
SCOUTVIEW REPORTS

- FIELD
- PIVOT
- ROW
- PLOT
- EXPERIMENT
PLANT COUNTING

+ PLANT SIZE
+ PILOT STATISTICS
+ STAND NUMBER
+ COMPROMISED PILOTS
+ PLANTER SKIPS
We provide 3D data to quickly assess crop height and density from any angle. Evaluate your crops for uniformity and yield potential.