

Ag Leader[®]

2019 PRODUCTS & SERVICES





Know Connectivity with Ag Leader

A Message From Al Myers, Our President

As someone who has spent a lifetime in the agriculture industry, I am often amazed at how far technology has taken us. Decades ago, raising a crop was a sequence of specific tasks starting at planting. A crop was planted, cared for during the growing season and then harvested, with multiple steps in between that often made the difference between profit and loss. Once crops were out and the season was a distant memory, then decisions for the following year would be made.

The process is much different today, with technology helping us not just raise a strong crop but connect all the steps critical to the process. The latest evolution in agriculture is technology giving farmers the ability to share and access real-time information throughout the growing season to make crucial decisions when they matter most. By all the operators, machines and their devices across the operation, farmers are now able to work more efficiently than ever before. Decisions that used to be made once the crop was harvested and machinery put away for the year can now be made during the season while the results are still top of mind.

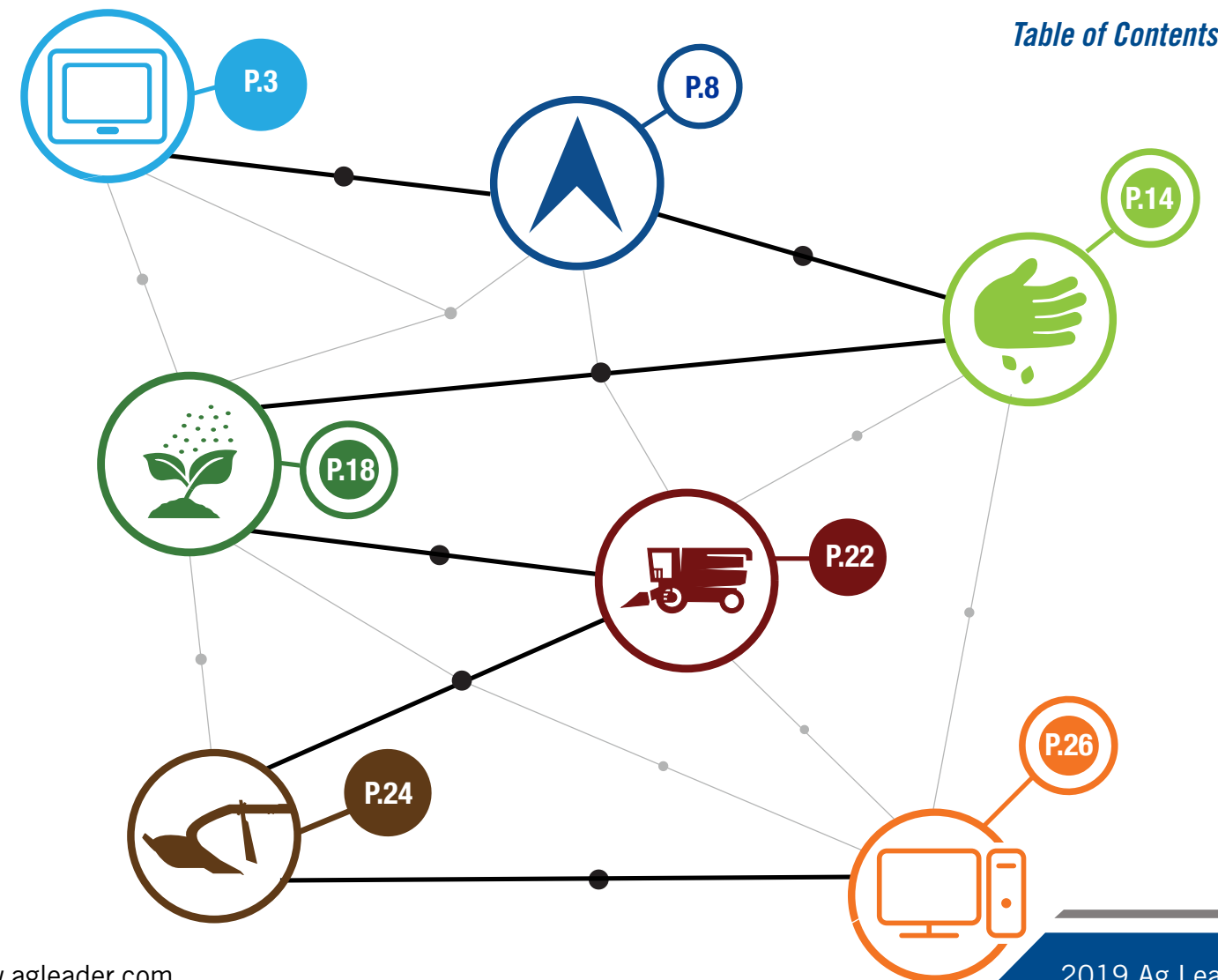
The past year has shown the commitment Ag Leader has to helping farmers create strong connections within their operations. AgFiniti and InCommand displays continue to evolve to help farm operations connect season-to-season, as well as machine-to-machine. Increased efficiency, productivity, and more educated decisions are the result of having information

so available, but I continue to believe there is no substitute for a strong connection between people.

That's why we continue to invest in our dealer network, striving to maintain the highest trained, most knowledgeable dealers in the industry. Interested in learning more about creating connections within your operation? I encourage you to reach out to one of our top-notch dealers. There's no doubt you will notice the Ag Leader difference.



Table of Contents



THE POWERFUL DUO



Generate Quick Prescriptions*

Quickly and easily generate prescriptions right from the cab or wherever you are. Variable rate prescriptions are generated based on trusted university recommendations.

Additional Features

- ◀ Free iPad app.
- ◀ Maps are available immediately and sync across all connected devices to InCommand displays, SMS Software or other cloud platforms.
- ◀ Easily share files or print maps and reports.
- ◀ Quickly query through multiple layers.
- ◀ Create field notes with pictures.
- ◀ Compare reports of yield by hybrid, population and soil type.



Connect Your Operation

AgFiniti puts real-time and historical information right at your fingertips whether in the cab, office, or anywhere in between. Connect all your machines, displays, and devices with the latest information, including location, speed, yield, moisture, population, rate, container level and more.

Gain Real-Time Insights

Easily get all the insights you need to make informed decisions on the spot. No processing or wait time, maps are instantly available to take with you from the cab.



View Two Screens at Once

View more with one display! InCommand's split screen feature allows users to view historic maps, or detailed information at the same time as the map screen, giving the most visibility for decision making on the go.

See Row-Level Detail

See real-time information in the field with row-by-row planter detail to help you monitor issues that wouldn't usually be found until harvest.



Sync All Your Displays and Devices

When connected to AgFiniti, all your displays are synced and mirror images of each other. No need to manually transfer configurations, guidance lines and autoswath maps. It's available on every display. Maps are also synced to connected tablets and phones for a fully-connected operation.

Additional Features:

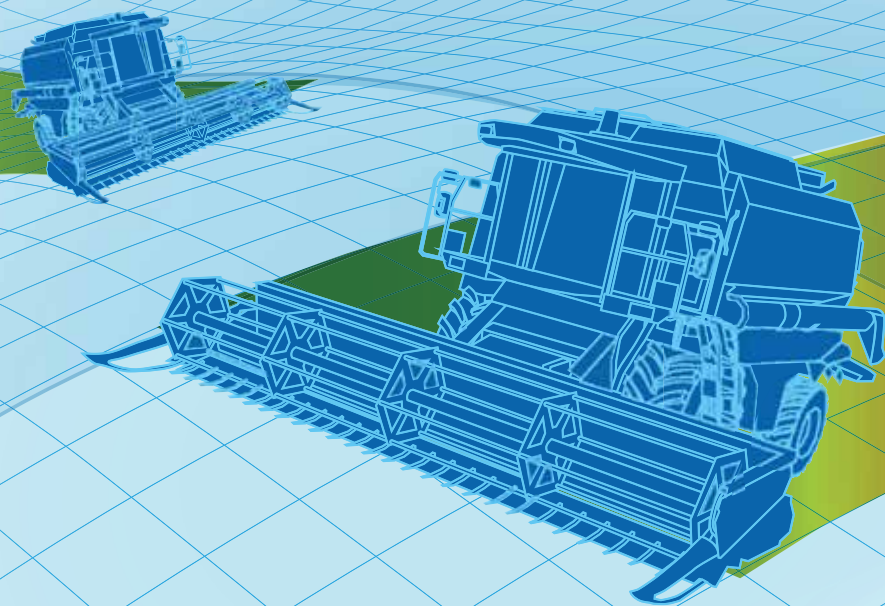
- ◀ Year-round functionality.
- ◀ Tablet-like interaction.
- ◀ Row-Level Detail.
- ◀ Sync live maps between displays and information to all connected devices through AgFiniti.
- ◀ Built-in NTRIP for RTK correction.

See display comparison chart for complete list of features.



GET MORE DONE TOGETHER WITH DISPLAYCAST

Powered By InCommand & AgFiniti



NEW! LIVE STATS

Share live field stats for yield, moisture, population, application rate, container level, vehicle speed, direction and more across multiple InCommand displays and devices connected to AgFiniti, including tablets and phones.

DISPLAY FEATURE COMPARISON

InCommand 1200

InCommand 800

Compass



DISPLAY FEATURES	InCommand 1200	InCommand 800	Compass
Display Size	12.1"	8.4"	7"
Swipe Gesture	✓	✓	
Split Screen	✓		
Headlands	✓	✓	✓
Multiple Product Control	Up to 8	Up to 3	
Camera Support	4	4	
AgFiniti Mobile, AgFiniti Cloud	✓	✓	
DisplayCast + Live Stats	✓	✓	
Prescription Scaling	✓	✓	
Remote Viewing	✓	✓	
GUIDANCE & STEERING			
Lightbar Guidance	✓	✓	✓
Mechanical Assisted Steering	✓	✓	✓
Hydraulic Automated Steering	✓	✓	✓
GLIDE, SBAS (WAAS/EGNOS), TerraStar, RTK	✓	✓	✓
SmartPath	✓	✓	✓
Tramlines	✓	✓	✓
StableLoc	✓	✓	✓
PLANTING/SEEDING			
Hybrid/Variety Logging	✓	✓	
Variable Rate Planting	✓	✓	
Planter Section Control (AutoSwath)	36 sections	36 sections	
Split-Planter Logging	✓	✓	
Planter Population Monitoring	✓		
Advanced Seed Monitoring	✓		
Hydraulic Down Force Logging	✓		
Row-by-Row Planter Performance	✓		
SureDrive Electric Drive Control	✓		
APPLICATION CONTROL			
Liquid Product Application Control	✓	✓	
Liquid Section Control (AutoSwath)	36 sections	36 sections	
Variable Rate Application	✓	✓	
Chemical Injection	✓	✓	
Boom Height Control	✓	✓	
SmartReport	✓		
AutoSwath Based on Previously Applied Maps	✓	✓	
Container Sequencing	✓		
Dry Product Application Control	✓	✓	
Closed Loop Spinner Speed Control	✓	✓	
Strip-Till	✓	✓	
Air Seeder Support	✓	✓	
OptRx Crop Sensors	✓		
ISOXML Data Export	✓	✓	
YIELD MONITORING			
Grain Harvest	✓	✓	
Harvest Variety Tracking	✓		
Load Variety Maps	✓		
WATER MANAGEMENT			
Topography Mapping	✓	✓	
Survey Collection	✓	✓	
Intellislope Plow Control	✓		
ISOBUS			
Universal Terminal Support	✓	✓	✓
Task Controller	✓	✓	

WORK MORE, STRESS LESS



The 7-inch touchscreen Compass display is an entry-level display for guidance, assisted steering, automated steering and Universal Terminal functionality. Compass is designed for easy setup and operation.

Compass Display

- ◀ Compact design with built-in lightbar.
- ◀ Built-in manual guidance.
- ◀ Compatibility with Virtual Terminal Standard.
- ◀ Fullscreen mapping.
- ◀ Multiple language options.
- ◀ Use OnTrac3 assisted steering or SteerCommand with GPS 7500 integrated steering system for high-end guidance.

GPS 6000

- ◀ Entry-level option for growers seeking a cost-effective receiver.
- ◀ Single-frequency receiver designed for general mapping and AutoSwath functions.
- ◀ Differential corrections include GLIDE, WAAS/EGNOS.
- ◀ GLONASS standard.
- ◀ Outputs radar speed for other devices in cab.
- ◀ LED diagnostics for system monitoring.

ASSISTED STEERING FOR IMPROVED ACCURACY

NEW! GPS 7500

- ◀ Up to sub-inch accuracy with options of RTK, TerraStar-C Pro, TerraStar-L, WAAS/EGNOS, GLIDE.
- ◀ Rover radio 400 or 900 or cellular options.
- ◀ GLONASS standard.
- ◀ Outputs radar speed for other devices in cab.
- ◀ LED diagnostics for system monitoring.

GPS 7500 Base Station

- ◀ GPS 7500 can be converted to a dual-frequency RTK base station.
- ◀ Radio 400 and 900 options.
- ◀ Access to multiple GNSS signals, including GLONASS.
- ◀ Wi-Fi capability for setup by phone or tablet.



OnTrac3 Assisted Steering

OnTrac3 improves pass-to-pass accuracy with simplified steering for any modern tractor, combine or application vehicle.

- ◀ No need to hook into hydraulics or remove the steering wheel to install.
- ◀ “Lock-n’-Roll” simplifies installation and makes for easy vehicle transfer.
- ◀ Quiet Operation.
- ◀ Clutchless, brushless design allows more torque for faster steering.
- ◀ Compatible with GPS 7500 or GPS 6000 receivers.



ELITE STEERING PERFORMANCE

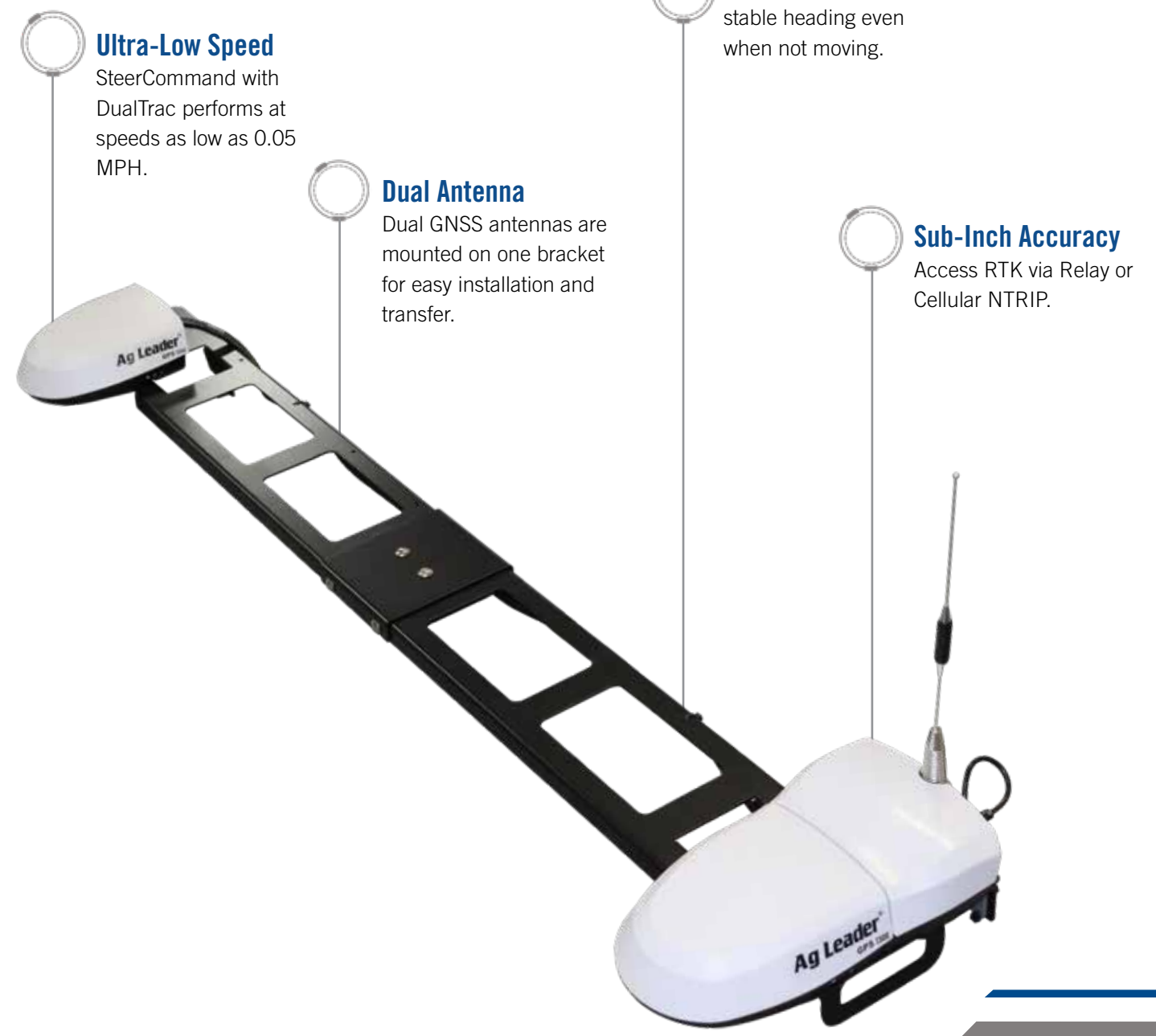


InCommand: Can share guidance lines and more using DisplayCast and AgFiniti.

UNMATCHED STEERING ACCURACY

NEW! SteerCommand with DualTrac

SteerCommand with DualTrac is a high-accuracy steering solution for operations requiring ultra-low speed. Operations such as planting or harvesting bedded crops, installing drip tape or planting and harvesting specialty crops can benefit from DualTrac's precise steering.



For growers seeking an integrated steering experience, SteerCommand offers best-in-class integrated steering performance when paired with GPS 7500 for repeatable, precision steering via various correction sources.

SteerCommand Automated Steering



SteerCommand Automated Steering
The controller connects directly to vehicle CAN bus, steer-by-wire or hydraulic valve, and offers leading precision steering performance when paired with GPS 7500.

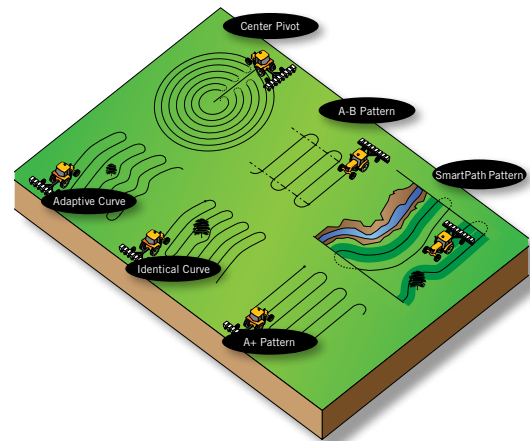
High Accuracy
GPS 7500 with SteerCommand supports GLIDE, WAAS/EGNOS, TerraStar and RTK. Access NTRIP and other RTK networks for repeatable sub-inch accuracy using the GPS 7500 combined with the RTK Relay. SteerCommand also features nine-axis terrain compensation, an internal compass, and easy vehicle installation and transfer.

VERSATILE GUIDANCE



New! Access Paths: Users can specify a repeating space or break between guidance paths for any field obstruction such as roads or irrigation ditches.

From entry level, up to the most accurate steering system on the market, Ag Leader offers a solution for every operation.



SmartPath Pattern

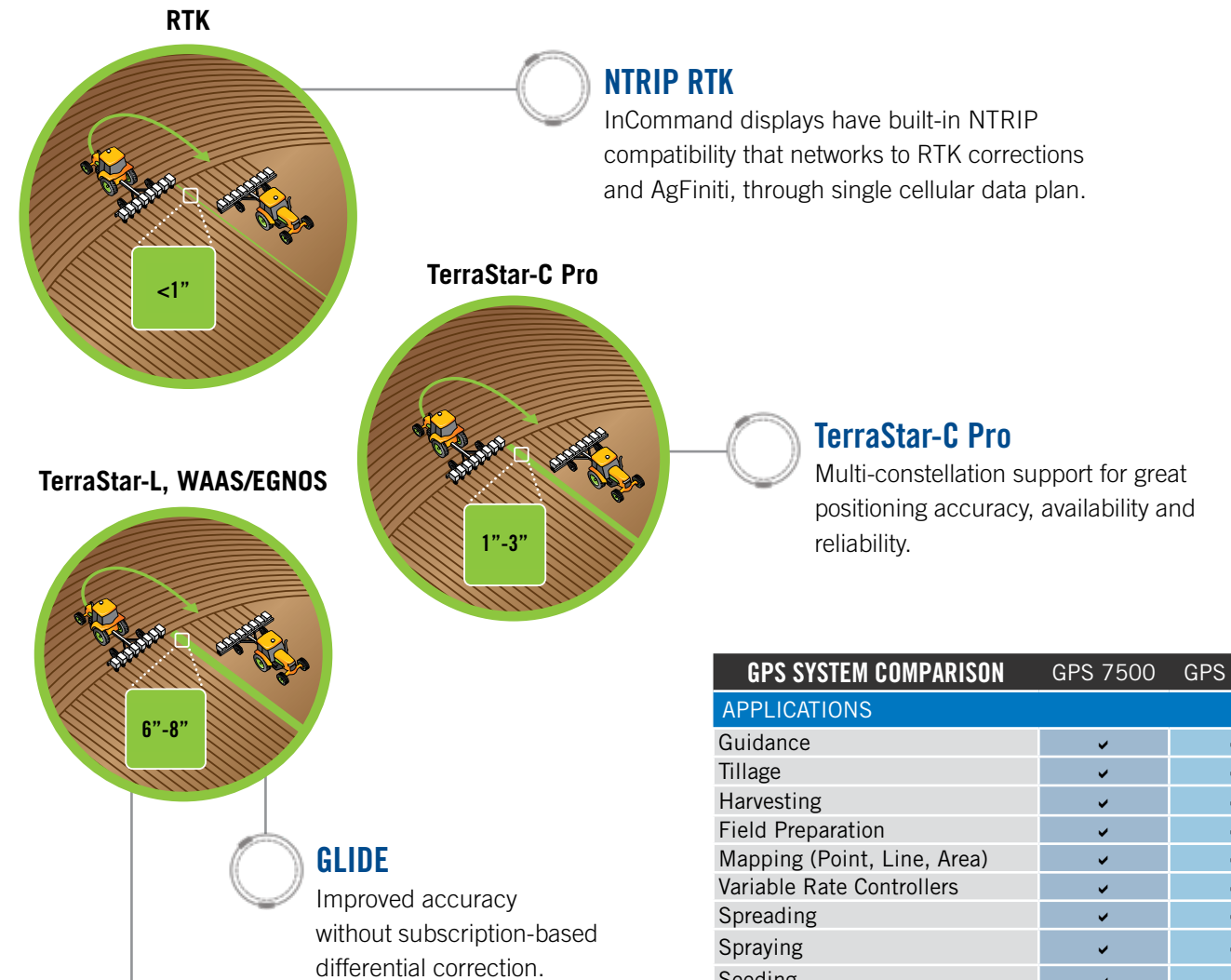
Drive one pass through the field to establish a custom guidance pattern based on your initial pass.

Using Pattern Groups

Easily group all patterns in a field with the ability to cycle through and select a pattern with a single button press.

GUIDANCE SOLUTIONS FOR EVERY OPERATION

Which level of accuracy do you need?



StableLoc

Maintains accurate steering even when the correction signal is temporarily lost by transitioning to next available source. Available for GPS 6000 and GPS 7500.

GPS SYSTEM COMPARISON	GPS 7500	GPS 6000
APPLICATIONS		
Guidance	✓	✓
Tillage	✓	✓
Harvesting	✓	✓
Field Preparation	✓	✓
Mapping (Point, Line, Area)	✓	✓
Variable Rate Controllers	✓	✓
Spreading	✓	✓
Spraying	✓	✓
Seeding	✓	✓
Log Hybrid/Variety	✓	✓
Strip-Tilling	✓	
Intellislope (Tile Plow)	✓	
Automated/Hydraulic Steering	✓	
Assisted Steering	✓	✓
GPS DIFFERENTIAL CORRECTION		
RTK	✓	
TerraStar-C Pro	✓	
TerraStar-L	✓	
WAAS/EGNOS	✓	✓
GLIDE	✓	✓

POWERFUL PLANTING TOOLS

SEE YOUR PLANTER'S PERFORMANCE LIKE NEVER BEFORE



InCommand: Use the Seed Row unlock for the InCommand 1200 to select your rate by row.

Planter Performance has Been a Guessing Game Until Now

At the row level, planter performance issues, like skips and doubles, are quickly identified so operators can immediately take action and avoid costly mistakes. That's not it! See multiple screens at once with InCommand's unique split-screen feature. Don't wait until harvest to evaluate planter performance - get InCommand!

Unmatched Planting Visibility

Get row-level mapping for spacing, skips, doubles, downforce applied, and more.

Integrated Machine Guidance

InCommand features a built-in lightbar and autosteer capabilities.



Satellite Imagery

Maximize your visibility in the field with satellite imagery.

Split-Screen Display

View two screens at once with the split screen feature. Choose between in-depth analysis screen, or historical maps and data, and more!

Each planting season you get one chance to get it just right. Making sure your planter is performing optimally and each seed is being placed at the right depth, at the right spacing and at the right population is critical. Best of all, you can improve the planter you already know and love.

Connect All Your Displays

InCommand and AgFiniti connect seamlessly share guidance lines, as-planted maps for AutoSwath, configurations and more across your operation. No longer worry about needing to move variety maps from the planter to the combine.



YOUR PLANTER REIMAGINED



AgFiniti: Know exactly how much down force was applied, row by row, across your whole planting operation. Take this information with you to verify stand health and variety performance.

SureForce and SureDrive come together to bring unmatched planter technology to your farm. Fields planted at consistent depths and spacing make for uniform emergence, picket fence stands and ultimately more yield come harvest. So what are you waiting for?

SureForce

Dual-Acting Control

Hydraulic Down Force applies up to 650 lbs. additional weight to the row unit to overcome the heaviest compaction. Integrated Hydraulic Uplift removes weight from the row unit to maintain consistent planting depth regardless of soil conditions.

View Down Force Maps On the Go

View gauge wheel load and down force applied maps on your InCommand display, or with AgFiniti.

Individual Row Control

Monitor, record and control the down pressure needs of each individual row to allow for consistent planting depths across various topography and soil conditions.

No Margins, No Guessing

Let InCommand and SureForce do the work for you! Simple user preference settings maintain your gauge wheel contact and there's no guessing with InCommand's high-resolution row-by-row down force map.

POWERFUL METER CONTROL

SureDrive Electric Drives

Powerful Meter Control

Individual row section control to quickly vary the speed for population rate changes and turn compensation.

Versatile to Work with Any Meter

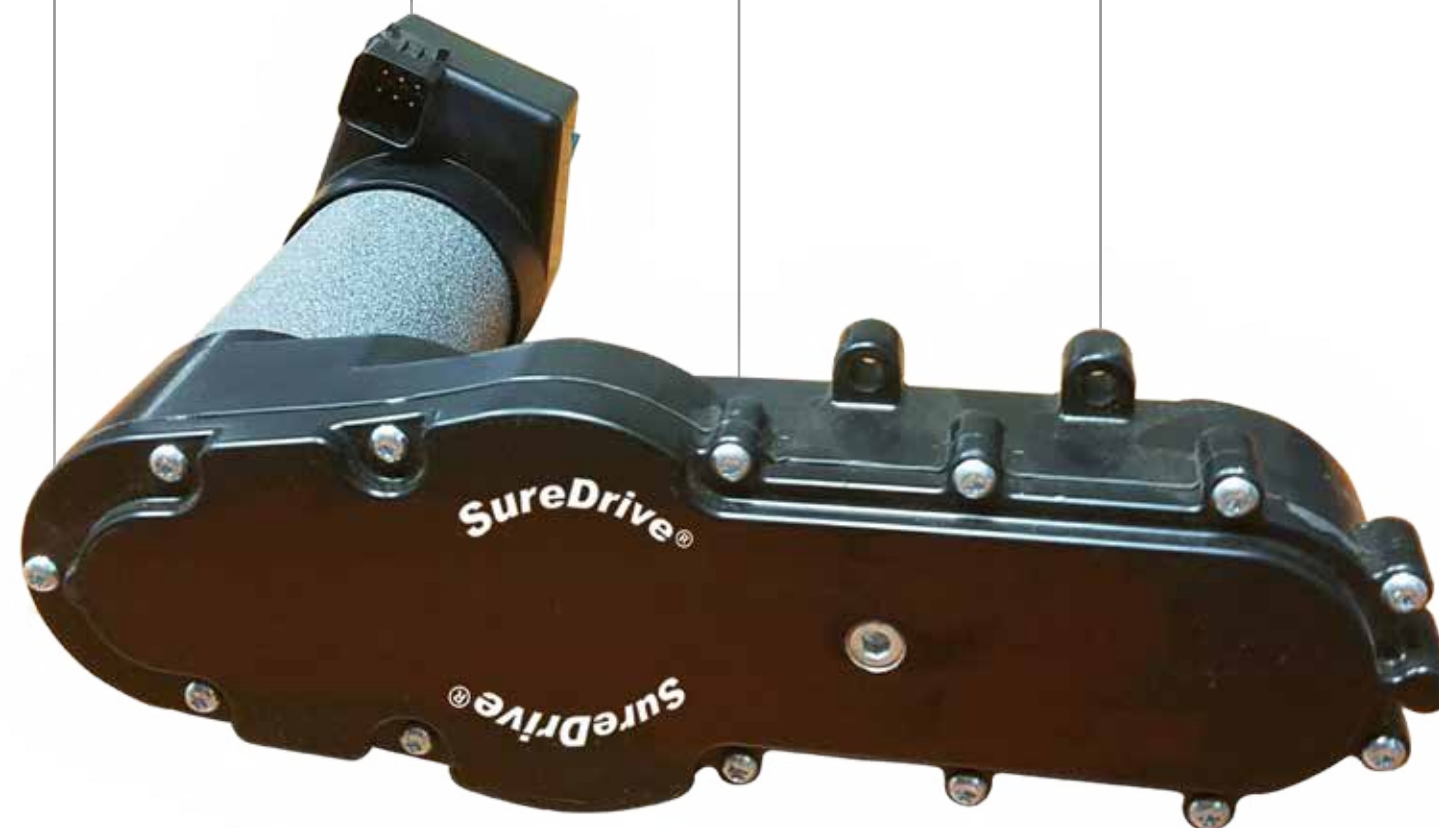
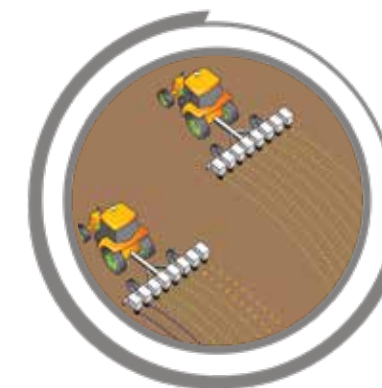
The electric drive motor isn't tied to a specific brand or type of seed meter - including hard-pulling finger meters.

Turn Compensation

SureDrive automatically adjusts meter speed on each row to keep a consistent population around turns, contours and terraces.

Maintenance Free

SureDrive's robust, sealed construction is maintenance free for durability and reliability.



APPLICATION CONTROL THAT MEETS TODAY'S CHALLENGES



AgFiniti: Keep track of your sprayer from anywhere, knowing when it needs to be refilled and ensuring the right product and rate is being applied to the appropriate crops.

Product application is becoming more challenging every year. Many chemicals require a specific droplet size to be effective and the implications of misapplication are becoming more severe - from developing herbicide resistance to crop damage.

Liquid and Granular Application Control

Your resources are valuable and important. Whether you have an NH3 toolbar, Liquid N side-dress unit sprayer, spreader or fertilizer pump on your planter, DirectCommand will transform your application process, providing maximum ROI.



Avoid Spray Drift

DirectCommand takes drift control one step further with real-time droplet size monitoring in an easy to use interface. Apply with accuracy, efficiency and safety.

Proper Plant Coverage

DirectCommand promotes proper coverage through the pressure fallback feature, allowing it to spray more accurately in low flow rate scenarios. Achieve proper plant coverage at all flow rates, period.



Controller Compatibility

Compatible with standards for Universal Terminal and Task Controller, DirectCommand works with Ag Leader and other brands of UT compatible displays.

Chemical Effectiveness

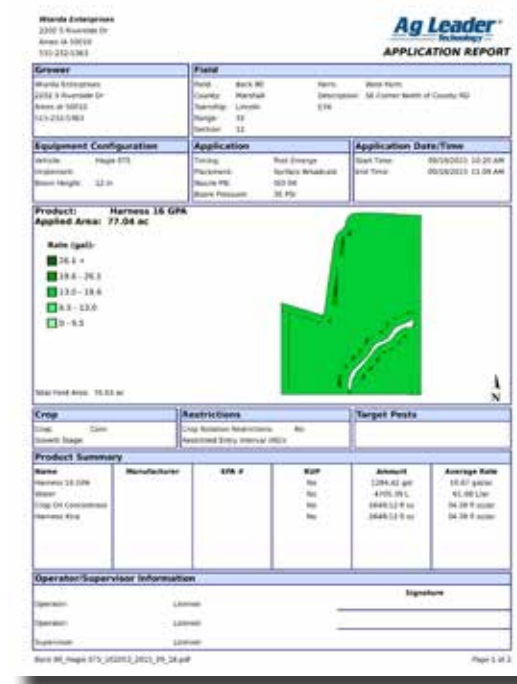
Increase agro-chemical effectiveness by monitoring droplet size to ensure application products are applied at the droplet size recommended on the label. DirectCommand's droplet size monitoring has settings from ultra-course to extremely fine so operators can dial in application to their nozzle's ideal range.

SEE YOUR CROPS IN A NEW LIGHT



InCommand: OptRx can also be used as a scouting tool to gather crop health information with every in-season field pass.

DOCUMENTATION SIMPLIFIED



SmartReport

- Reports provide location, product information, applied totals, field areas, as-applied maps and field boundaries.
- Enter basic information about weather, soil conditions, products used, etc.
- Generate PDF reports automatically when leaving the field that can be saved, emailed or printed.
- Requires no additional software.

Simplify application reporting (both liquid and granular) with detailed SmartReports from your InCommand 1200 display. Satisfy government record keeping by easily sending reports from the display to store and view on any web-enabled mobile device with AgFiniti.

Use OptRx to easily capture more ROI during a side-dress or top-dress application. OptRx places more nitrogen where crops will respond to additional fertility while applying less where it will not.

How it works:

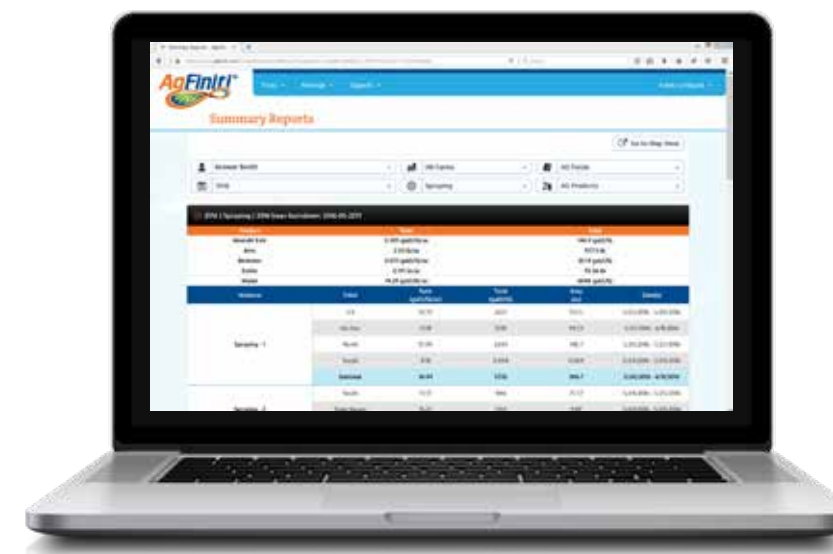
OptRx Crop Sensors make variable rate application simple by measuring your crop's health as you drive through the field and applying the right prescription instantaneously.

Flexible Application

Use the Rate Table to assign your preferred rates to crop health readings. OptRx is a valuable tool for any crop and will generate an ROI by variable-rate application of nearly any product.



Application



TRUST NOTHING LESS THAN THE BEST



AgFiniti: Take your yield maps with you on the iPad for quick in-season decision making. Email maps and log files from the cab to partners and trusted advisors.

Ag Leader yield monitoring technology started the data revolution with the first on-the-go yield monitor in 1992. Today, trustworthy yield data is crucial for informed management decisions. Don't trust just anyone with this valuable data - trust the yield monitoring experts at Ag Leader.

More Than a Yield Monitor

InCommand and AgFiniti can connect your harvest operation with live stats from your displays and mobile devices. Speed, direction, location, yield, moisture and more shared across all connected devices. This means you can keep track of where the truck is, easily know the combine's location, see crop yield/moisture and more. With Ag Leader, information is in YOUR hands.



ACCURATE YIELD DATA HAS NEVER BEEN SO EASY



Increased Visibility

View and mirror up to four cameras in high definition, right from the display for safe transport, smooth grain unloading and more. Even better, utilize the split-screen feature of the InCommand 1200 to see cameras and the map screen at once.



Convenient Harvest Features

- ◀ Improved calibration loads provide accurate data in few steps.
- ◀ Two resettable bushel counters track bushels without creating new regions.

Opportunities for Profit

Use AgFiniti to scout contributing factors of yield loss. Take yield data anywhere with you on your iPad and even combine multiple displays' yield data to make informed in-season decisions. Then, use AgFiniti to share with cooperators and advisers by effortlessly transferring your maps and data through email or sharing relationships.



DO-IT-YOURSELF TILE INSTALLATION



AgFiniti: See the length of your tile install runs, total tile length installed and field tile installation locations.

INSTALLING TILE IS EASY AS 1, 2, 3

1 SURVEY

Collect soil profile information (survey) for the area to be tiled before tile installation, or while using the tile plow and RTK GPS. Knowing the soil profile provides elevation information needed for tile placement.

2 PLAN

Enter parameters in the display that ensure tile is placed correctly in order to properly drain soils. Enter these parameters in the field, or utilize the SMS Advanced Water Management Module in the office.

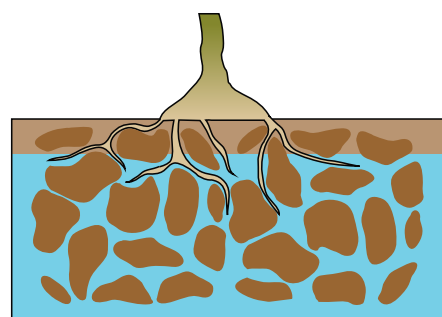
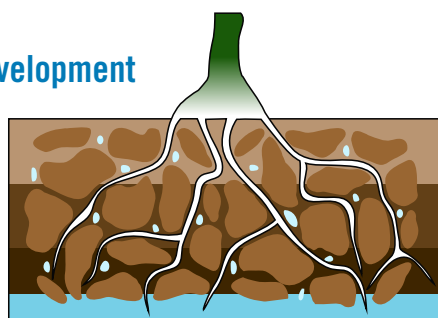
3 INSTALL

Use the plan you created to install your tile. Utilize AutoTile to adjust the plow depth automatically to ensure accurate installation.



Water management on your farm is important, and there are big savings to be had by adopting a DIY approach to tiling. Install your own drainage tile with Intellislope! Intellislope provides easy installation, planning and record keeping, making your job easier.

Promote Root Development

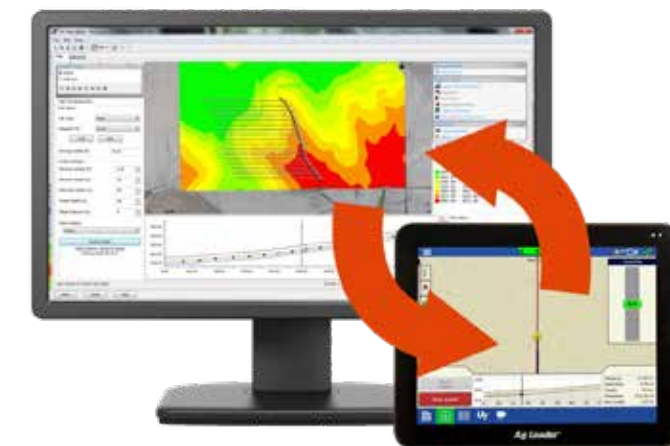


Well-drained soils encourage deeper root development and healthier crops. Saturated soils lead to shallow root growth and poor plant development.

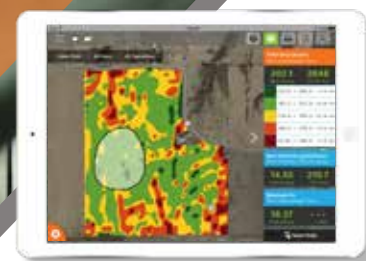
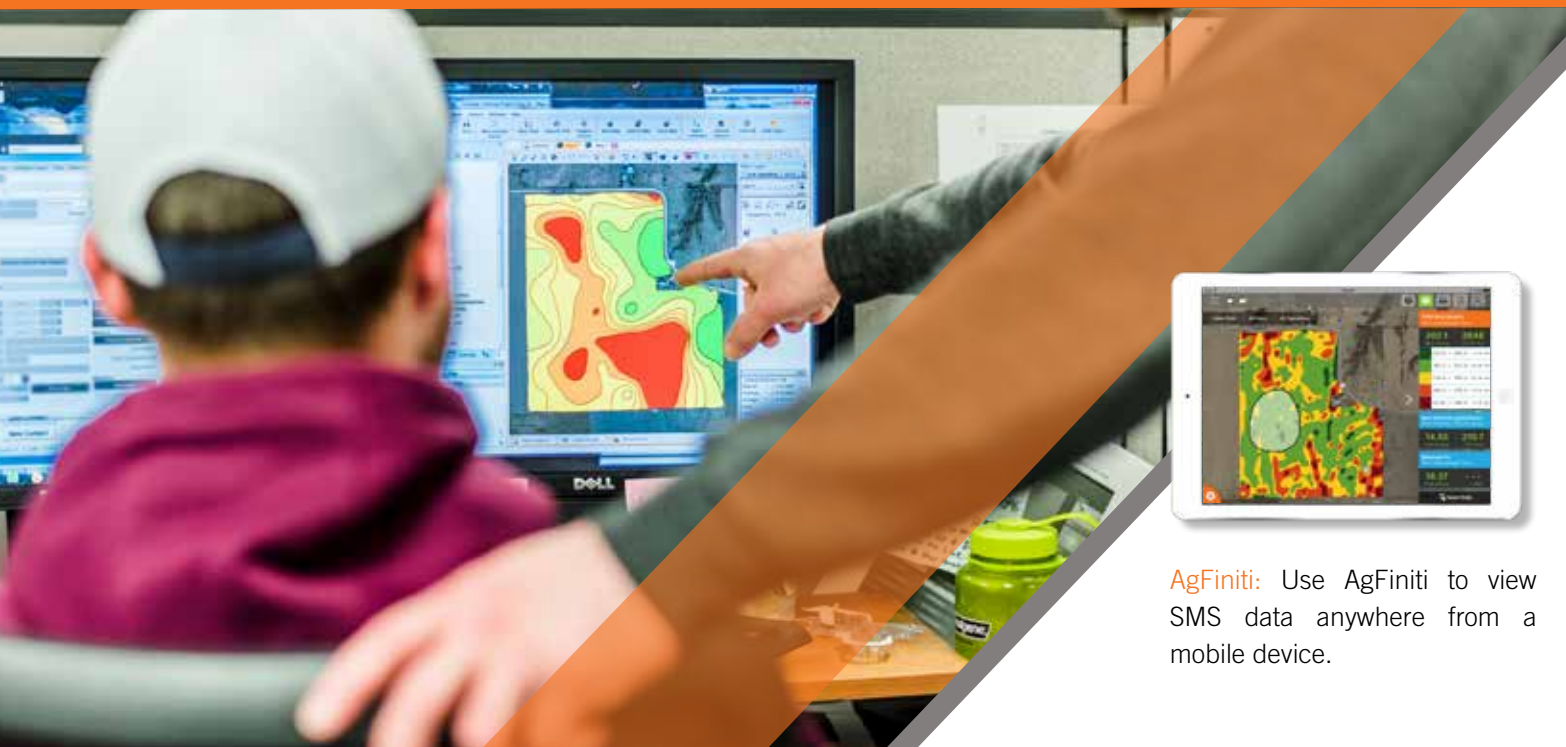
SMS Water Management Module

Easily design strategic field tile plans based on precise supporting RTK topography layers. Once the plan is complete, SMS will validate the plan to ensure desired drainage.

- ◀ Easily validate that tile runs are sized appropriately to meet drainage needs and ensure proper tile sizing using the Drainage Coefficient tool.
- ◀ Velocity fail-safe ensures tile is laid on a grade appropriate for the soil texture at the intended depth.
- ◀ Create the best field tile plan by comparing multiple installation plans for cost and drainage efficiency.



PLAN, MANAGE, PROFIT



AgFiniti: Use AgFiniti to view SMS data anywhere from a mobile device.

We understand smart management decisions are crucial in farming operations. SMS Software was developed with this in mind, so you can make well-informed decisions based on all your data. No matter the brand of display the data is from, SMS makes data management simple in every season.



Powerful Analysis For All

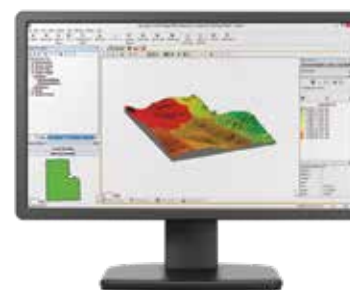
Precision farming isn't about spending endless hours crunching numbers and analyzing data. It's about answering questions that can make you more profitable. That's the simple idea behind Ag Leader's industry-leading SMS Software, an easy-to-use decision-making tool to help you capture the most out of every acre.

INDUSTRY-BEST SOFTWARE



SMS Basic

Use information captured from an operation – planting, application, harvest and more – to turn data into smart management decisions with the powerful SMS Basic desktop software.



SMS Advanced

Ag Leader's feature-rich SMS Advanced gives growers and trusted advisors data management across many acres, fields and operations. SMS Advanced carries all of the features of SMS Basic, plus additional tools and features designed for superior analysis and report generation.



SMS Mobile

Collect in-field information such as crop scouting, soil sampling, boundaries and more with SMS Mobile. Once data has been captured, sync with SMS Basic and Advanced for greater data analysis.

SMS Features Comparison	Adv.	Basic
File Processing from Most Displays	✓	✓
Sort Data by Geography	✓	✓
Generate Crop Plans	✓	✓
Create, Manage and Export Guidance Lines	✓	✓
Print Summary Maps, Charts and Reports	✓	✓
Write Simple Prescriptions	✓	✓
Aerial/Road Backgrounds	✓	✓
Query Tools to Analyze Specific Areas	✓	✓
Check for Updates	✓	✓
Soil Survey Import (U.S. ONLY)	✓	✓
Project Management	✓	(limited)
View Map Data in AgFiniti	✓	✓
Financial Entry	✓	✓
Send/Receive Files with AgFiniti*	✓	✓
View Data with AgFiniti Mobile*	✓	✓
Equation Writing	✓	
Calendar View	✓	
3-D Plotting and Terrain Viewing	✓	
Comparison Analysis	✓	
Correlation Analysis	✓	
Terrain Analysis	✓	
NDVI Analysis	✓	
Profit/Loss Mapping	✓	
Cluster Analysis	✓	
Multi-Year Averaging	✓	
Display Elevation Surface Contours	✓	
Multiple Data Storage Locations	✓	
Dataset Playback	✓	
Backup Scheduling	✓	
Booklet Printing**	✓	
Water Management**	✓	
Plot Prescription**	✓	

*Requires AgFiniti Essentials License

**Optional Module



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**THE
COMPLETE
PRECISION
FARMING
SOLUTION**

Ag Leader has made great strides from its beginnings as a pioneer in the precision agriculture market over 25 years ago. Today, Ag Leader remains the forerunner in the industry with the most complete lineup of precision farming technology tools including hardware and software. Ag Leader's network of precision farming dealers and its team of dedicated support and training specialists grants you access to the best precision farming tools and support in the industry. Technology moves fast. Stay ahead of the curve with us in 2019.



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