

AUTOMATE IN-FIELD OPERATIONS



Path planning software, so user-friendly, it is the true enabler of operational efficiency and machine utilization.

Grower's Edition **verge**

PLAN AND OPTIMIZE THE MOVEMENT OF MACHINERY ACROSS EVERY FIELD

As a market leader, Verge has developed the first proprietary algorithm that makes pre-planning machinery movement possible. Packaged into a simple web-based interface, Launch Pad has helped customers optimize their workflows, manage their entire fleet and increase productivity.

Verge's OEM enabled optimization software is currently used on more than 500,000 acres across four key regions worldwide.

Reduce time in the field

Decrease machinery fuel consumption

Simplify fleet management

Minimize soil compaction & erosion

A new era of ag machine technology began when Verge leveraged their proprietary algorithm to introduce Launch Pad - The world's first interactive software solution that optimizes farm logistics by automating in-field operational decisions including path planning and optimizing workflows.

What exactly does this mean for farm operations?

With Verge software, growers now have full control over the coordination of any multi-operation and multi-machine farm. Launch Pad offers streamlined integration that is straightforward to adopt. Simply tweak, compare and plan future production cycles all in one easy-to-use platform. Once ready, growers simply push guidance lines directly to OEM platforms - no additional hardware required.

Customers currently using Launch Pad technology have set new records for efficiency and performance in the field.

Create path plans that minimizes economic and environmental costs, better manage a fleet of equipment and benchmark against past performance

About Verge

Verge's approach to optimizing farm logistics started with path planning and automation of in-field operational decisions after acquiring First Pass; an integrated complex computational algorithm from Coutt's Agro (a 100,000 acres farming operation based in Kindersley, SK). First Pass provided Verge the ability to turn the challenges posed by farm operations planning towards a long-term competitive moat.

With that, the concept of developing an interactive tool (Launch Pad) that enables users to create an optimal path plan was Verge's first step towards accelerating the transition to autonomous farming. While most companies focused on empowering the digital transformation of agriculture by increasing production, we at Verge are obsessed about increasing productivity across the entire farm.



LAUNCH PAD SOFTWARE



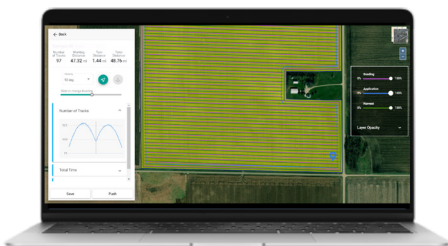
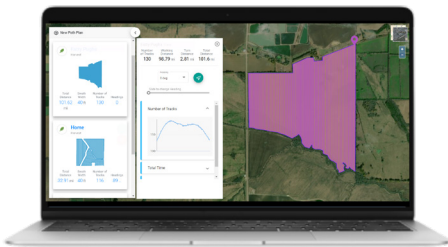
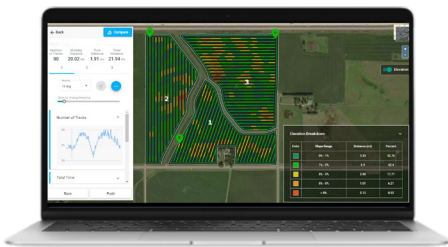
Launch Pad is efficient farming.



Launch Pad is an interactive geospatial software solution that allows users to analyze and optimize the movement of agriculture machinery, without the need for additional hardware.

- Create, visualize and compare multi-operational path plans
- Consider the impact of service units on refill spots
- Analyze equipment fit and manage entire fleet
- Import, manage and update field boundaries
- Assess machine data and gain actionable insights

**A VERY CLEAR VIEW OF YOUR FARM
ALL IN ONE SIMPLE-TO-USE PLATFORM**



INCLUDED IN EVERY SUBSCRIPTION OF LAUNCH PAD

Basic Features	Trailblazer Package
Users	
Invite users to collaborate and manage permissions	•
Mapping	
Create and update farm organization and field boundary geometry	•
Bulk field boundary Import from SHP	•
Equipment Setup	
Define equipment specifications per operation type	•
Path Plan Results	
View plan summary information for a field including distance, turns and time	•
Interactive charts that provide an overview of potential plans	•
Saved Path Plans	
Build out paths paths for an entire farm and save to execute at a later date	•
Compare	
Compare Path Plans and Historical Path Plans	•
Bulk Planning	
Plan paths across an entire farm for all operations in a growing season	•
Path Planning	
Straight Track Pattern	
Create path plan for straight, parallel tracks for each field part	•
Use heading slider to view results by heading or apply a fixed heading to select fields	•
Auto-Select optimal heading based on plan results	•
Headlands and Obstacles	
Adjust the number of outline passes for the entire field	•
Adjust the number of outline passes for interior obstacles	•
Slope Visualization	
Visualize Field Slope on Equipment Tracks	•
Soil Erosion	
Quantify the effect equipment paths have on soil erosion	•
Plan Execution	
Guidance Line Export	
Bulk export guidance lines for selected fields and field parts	•
Guidance System Format	
John Deere Operations Center Straight Track AB lines	•
Additional guidance system exports supported with professional services	•
Terrain	
World-Wide Medium Resolution Digital Terrain Model	
30 m NASADEM	•
Integrations	
John Deere Operations Center	
Use Operations Center to sign-in, retrieve boundaries and equipment data as well as send guidance lines	•

LEADING PRECISION AGRICULTURE SOLUTIONS

By adopting Verge's innovative farmtech software, you can take control of your bottom line. Optimize your entire operation with the ability to plan, manipulate and tweak path plans for each production cycle.

Achieve even greater success next season by learning about the benefits of adopting innovative farm software. Stay ahead of the curve and set new records for your operation.

TRAINING with added value

The best training isn't just about technical knowledge, setting you up for success. With a strong understanding of farm logistics, our field staff help our customers become familiar with set up, installation, day-to-day use, and troubleshooting.

Our PROMISE

Time is money. We are committed to working with you to ensure you are set up for success and feel confident working with our software.

VISIT VERGEAG.COM

You can find a full range of Launch Pad solutions on our website. We keep our website up-to-date and our information relevant. Find out more by checking out VergeAg.com

- Watch a demo
- Book a demo
- Talk to a product expert
- Sign-up for Launch Pad
- Innovation updates

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Innovating Agriculture **verge**