

RAVEN

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Envizio Pro

Envizio Pro: High Value Features and Benefits

Multi-functional design links the other parts of your precision ag system together with a single in-cab console. The sturdy, RAM-mounted console gives you complete system control with the touch of a finger—and helps reduce cab clutter at the same time.

Brilliant 6.4" touch-screen display lets you see where you've been, where you're going and where you are at that moment. Enhanced navigation with bold, easy-to-use icons simplifies operation—and a special day/night mode offers clear viewing even in dark- and low-light conditions.

Integrated DGPS sub-meter receiver is standard equipment for convenient all-in-one tracking with 9" pass-to-pass accuracy using WAAS and EGNOS satellite signals. Also available with an MBA-3 helix antenna for more precise GPS tracking when satellites are low on the horizon. e-Dif correction is optional for differential satellite signals.

Enhanced "Last Pass" guidance is the industry's easiest to operate contour guidance technology—perfect for irregularly shaped fields. Our newest version includes automatic correction intelligence to virtually eliminate the possibility of repeating an error made on one pass.

3-D moving-map guidance display helps keep you on line in any pattern—straight, fixed curve, pivot and enhanced Last Pass. The high-resolution landscape screen makes your progress easy to see and with the day/night mode, you can drive all night and stay on course 24 hours a day.

Multiple screen views let you switch on the fly between downfield and bird's-eye views to fit your operating needs at the time. Ideal for checking field coverage and skips one minute—and navigating the next.

Field review screen allows you to check field coverage on the spot—and correct any skips or missed areas before leaving the field. Another one of the many on-screen features that help you do more with less.

Four field patterns to choose from means easier line acquisition and faster, more accurate field coverage. Patterns include straight A-B, fixed curve and pivot, plus Raven's exclusive enhanced Last Pass feature for irregularly shaped fields.

Real-time data mapping, field reports and record keeping give you the tools and information you need to improve your bottom line by saving time, reducing input costs and improving overall performance from one season to the next.

Two USB ports allow you to transfer field data easily—like coverage records and application rates—from your field to the office with a simple thumb drive for better farm management and analysis.

BMP and SHP file formats greatly enhance your ability to record, analyze and make the best use of field data—from simple coverage data to geo-referenced shape files for higher level analysis.

Industry compatible technology allows you to share, collect and print data from commonly used industry software and equipment without problems. With Raven, you don't have to worry about proprietary or compatibility issues keeping you from doing what you need to do.

Dual-product control gives you an extra dimension for efficient liquid, granular, NH₃ and planter applications. That includes direct injection for even greater savings in time and money.

Optional single-product variable rate technology capitalizes on Envizio Pro's optional prescription map capability to help you get more out of your fields—and do it with less waste, fewer inputs and a smaller chemical footprint. Easy steps for importing and retrieving your prescription maps when you're ready for this upgrade. (Optional)

Wireless Internet capability is coming soon for convenient online communications. A great way to connect you to the Web, to your farm and to your field. (Optional)

It takes a system:
Superior. Seamless. Scalable.

FIELD COMPUTERS	GUIDANCE AND STEERING	APPLICATION CONTROLS	BOOM CONTROLS	PLANTER CONTROLS
Viper Pro	Cruizer	SCS Consoles	AutoBoom	AccuRow
Envizio Pro	SmarTrax™	RFM Flow Meters	AccuBoom	SmartRow
	SmartSteer™	Valve Products	SmartBoom	CropStart II
	FarmPRO™	AccuFlow		
	GPS Receivers	Sidekick: Direct Injection		
	RGL Series Lightbars	Switch Pro		
		FlowMax		
		DCS Consoles		



Viper Pro: The next step up.

If your operating needs call for more system power and application control than Envizio Pro can comfortably provide, it's time to step up to the Viper Pro field computer. Viper Pro comes with a larger 10.5" vertical touch-screen display, more memory, faster processing and wireless Internet capability. Loaded with capability, Viper Pro is equipped to handle five different product applications at the same time, each with its own variable application rate for maximum savings and performance. GPS receiver sold separately.

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Adding Raven to your operation brings an unequalled brand of precision agriculture innovation and performance to your farm.

Imaginative products that are relevant and reliable. A thoughtful approach to solving problems unique to agriculture. Seamlessly integrated systems that simply work — simply.

An incredible depth of human resources: On-the-ground service from Raven Precision Ag Specialists; our customer-oriented product development and support staff; and your local Raven dealer or distributor.

Raven offers a powerful and profitable product portfolio — targeted precisely on what matters most: Reducing input costs. Increasing yields. Saving time and labor. Making better decisions. Enhancing environmental stewardship. Achieving your financial objectives.

It's all about improving your position. Pinpointing exactly where you are in your field. Applying best management practices to grow more with less. Helping you meet challenge, cope with change and capitalize on opportunity. Strengthening your balance sheet.

If you want to farm better, smarter and more profitably, discover Raven. Because improving your position is our highest priority.

Envizio Pro



Complete system control for
greater savings and performance.

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The Envizio Pro multi-function field computer puts you in complete control of your precision ag system—and allows you to get more out of every phase of your farming

operation. It's easy to set up, easy to run—and even easier to expand when you're ready to add new, even more powerful system capabilities. From your first pass to your last, Envizio Pro is the perfect interface for tying your different system functions together—and rewarding you with greater efficiency, performance and savings.

Seamless operation. Envizio Pro is the driving force for your system functions. From integrated GPS technology, advanced data mapping and record keeping to dual-product control, boom management and assisted steering, Envizio Pro works seamlessly to deliver greater efficiency and performance.

Doing more with less. With the latest in advanced computer software and GPS technology, Envizio Pro brings a new level of accuracy and control to virtually every production area. And at the end of the day, it all adds up to greater savings in farm inputs with more efficiency and productivity.

Intelligently designed. Scalable. Envizio Pro is designed with the flexibility required to accommodate your farming needs today—and let you grow your system capabilities when conditions change and the time is right. That same customer focus is evident in Envizio Pro's compatibility with commonly used industry software and equipment.

Guiding you toward profitability. Envizio Pro benefits go straight to your bottom line—especially when you consider Envizio Pro's powerful time-saving and productivity-enhancing features. With Envizio Pro in your cab, you can know more, control more—and make more.

Powering your farming potential with ease and precision.

Improving your bottom line

Envizio Pro helps you see your farming operation in ways that make a world of difference when it comes to simplifying your job and improving your bottom line. It all starts with a 10Hz DGPS integrated receiver for sub-meter accuracy—and continues on with a brilliant 6.4" LCD touch-screen display that shows you precisely where you've been and where you're going—day or night.

With multiple viewing options and field patterns, Envizio Pro makes sure you cover everything that needs to be covered—no more, no less. Its colorful 3-D moving-map guidance display tracks your progress and makes sure you stay on course. And with the touch of a finger, you can change field patterns and have access to the coverage maps and records you need to eliminate skips and improve efficiency.

Application control the way you like it—simple, accurate and efficient

Envizio Pro's dual-product control delivers the kind of coverage it takes for most farming operations—at just the right rate and in just the right place. That saves you time and money by reducing chemical waste and making sure your fields get precisely what they need for maximum yields and profitability.

Envizio Pro also comes with optional single-product variable rate control when you're ready to scale up to prescription mapping for even greater input savings and performance. And it all works seamlessly with Raven's boom management systems with automatic section control and boom height adjustments.

Your link to greater system control, savings and profitability

There are some things in farming you can't control, and then there are those

things you can. Your "can do" list is getting longer all the time—thanks to Envizio Pro and the masterful way it integrates the industry's most advanced precision ag equipment. Like Raven's SmarTrax™ and SmartSteer™ assisted steering systems for precise, hands-free driving. And Raven's automatic boom controls, featuring AccuBoom automatic section control and AutoBoom for controlling boom height with faster, more even coverage on all types of terrain.

Record keeping and mapping made simple

With the use of a simple thumb drive, Envizio Pro gives you a leg up on record keeping and field mapping. With bitmap files, you can quickly save and print reports showing your coverage map, acreage covered and more. The SHP (Shapefile) files are geo-referenced and can be imported into most standard mapping software.



Envizio Pro's field coverage map lets you monitor progress and eliminate skips. The coverage map here overlays a prescription map used for variable rate applications (VRA). Single-product VRA is optional with Envizio Pro.

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World-class options for your precision ag system.

Envizio Pro is the "great enabler" when it comes to building a world-class precision-based system to help get you where you want to go. Raven's innovative system options work seamlessly with your Envizio Pro field computer to surpass your operating goals and expectations—simply.



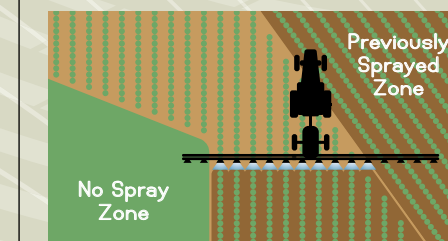
SmarTrax™ The most accurate GPS-assisted hydraulic steering package in its class. Delivering hands-free steering at speeds up to 27 mph with faster line acquisition and more accurate spraying, spreading, seeding and tillage.



SmartSteer™ Assisted steering solution has a direct mechanical gear drive to eliminate slippage and delivers more accurate tracking from start to finish. The convenient collar mechanism clamps around the steering column without you having to remove the steering wheel.

AccuBoom Automatic boom section control with CANbus technology for extra chemical savings and environmental benefits. Allowing you to eliminate skips and avoid no spray zones and previously sprayed areas.

AccuBoom Automatic Section Control



AutoBoom The ultimate in automatic boom height control. Allowing you to spray more acres in less time—and with less effort. Ideally suited for booms of all sizes and for controlling larger booms easily. Innovative design also reduces wear and tear on valuable equipment. Three height control options available.

AutoBoom Automatic Height Control



Phoenix 300 Receiver Envizio Pro can be purchased without integrated GPS technology and upgraded with the Phoenix 300 dual-frequency receiver for decimeter accuracy. Easy to install and just as easy to move from one machine to the next for maximum flexibility and return on your investment. Helix-style antenna provides better tracking when satellites are low on the horizon.



Switch Pro Innovative design allows you to upgrade easily from Raven's SCS or non-mapping control systems to a multi-function field computer like Envizio Pro without having to install a new cable/harness system. Easy to use and even easier to set up with up to 10-section product control. Simply replace the current console with Switch Pro and you're good to go.

Your Raven brand distributor and Precision Ag Specialists have the training and experience to help you evaluate your needs and build the best precision ag system for your operation.

