



Simply improving your position.SM



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It takes a system:
Superior. Seamless. Scalable.

Switch Pro™

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	CropStart II
	QuickTrax	Valve Products	SmartBoom	
	FarmPRO™	AccuFlow		
	GPS Receivers	Sidekick: Direct Injection		
	RGL Series Lightbars	Switch Pro		
		FlowMax		
		DCS Consoles		



AutoBoom Height Control: The Next Step up.

AutoBoom automatic boom height control is the next level of Raven technology that makes spraying easier and faster on all types of terrain. With three systems to choose from, AutoBoom's unique pressure-based hydraulic design delivers smoother, more responsive boom control with superior stability and operation. AutoBoom works seamlessly with Raven's Envizio Pro and Viper Pro field computers to improve your boom management system—and reduce wear and tear on valuable equipment.

Raven: Simply improving your position.SM

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.



A simple switch to automatic section control—and more.

(Switch Pro shown here with Envizio Pro field computer)

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Switch Pro™



The Switch Pro™ control console is designed to help growers move up to a new level of precision. Simply replace your Raven SCS 440, 450 or 4400 spray console with Switch Pro—and pair it with our Envizio Pro or Viper Pro field computer. The end result is automatic on-off section control, with access to a new world of precision for greater savings and productivity.

Improved spraying efficiency and savings. With single product on-off control for 10 boom sections, Switch Pro uses Raven's advanced CANbus technology to spray precisely where you want to spray, avoiding no-spray zones and wasteful overlaps. That amounts to savings of up to 8%* or more compared to manual operation.

Easy set up. Switch Pro uses your existing SCS 440, 450 or 4400 cables/adapter to plug directly into your Raven field computer. Simply input your spray boundaries; set the percent of coverage overlap desired; indicate how far ahead you want Switch Pro to look for proper shutoff—and you're good to go.

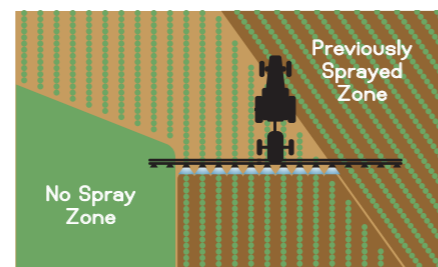
Access to more precision technology. Pairing Switch Pro with Raven's Envizio Pro or Viper Pro field computer lets you grow your Raven system when you're ready—and gives you boom section control and enhanced record keeping and mapping right from the start. Add assisted steering, automatic boom height control, planter controls and more later.

Reduce cab clutter. Switch Pro replaces your existing SCS 440, 450 and 4400 spray console and can be mounted neatly above or below your field computer to give you more room inside your cab.

* Cost savings for Switch Pro automatic section control can vary from 5% to 30% over manual operation, depending on the shape and size of the field, the type of application and the actual equipment/system used.

Step into a new world of precision with automatic section control—and more.

Make the switch! Switch Pro is the perfect answer for growers with Raven SCS spray consoles that are ready to improve their position with new Raven technology.



the amount of overlap you desire. Switch Pro works seamlessly with Raven's CANbus technology and field computers to make it automatic.

Adjustable boom % coverage lets you determine how much field coverage or overspray you want near no-spray zones and previously sprayed areas—from 0% to 100% either way. You decide.

Manual override function lets you go back and re-spray select areas without having to leave the job. When you're ready, Switch Pro picks up right where you left off.

Simple installation using existing SCS 440, 450 or 4400 console cables. Specially engineered cables are available for multiple-section NH3 application. For other Raven controllers, please ask your dealer.

Automatic 10-section boom control turns boom sections on and off to prevent over spraying and skips on point rows and headlands. Hands free spraying also means less stress and operator fatigue.

Single-product liquid or NH3 application control delivers increased chemical savings, faster application times, ease-of-operation and more precise spraying and application.

Adjustable look-ahead function with automatic speed compensation lets you adjust your settings easily for precisely

Field computer selections for Switch Pro section control

Raven's CANbus technology and multi-function field computers work seamlessly with Switch Pro to give you the ideal computer/display interface for superior section control. The Envizio Pro and Viper Pro field computers top the list with full-view touch-screen displays, advanced field mapping and data recording, wireless capability and more.

Both Viper Pro and Envizio Pro are scalable for enhanced system performance and functionality, including GPS guidance and assisted steering, boom height and section controls, application controls, and planter controls, too.



Envizio Pro: Integrated 10 Hz DGPS receiver for sub-meter accuracy; two-product capability with optional one-product variable rate application control; and 6.4-inch touch-screen display. Scalable for greater accuracy and precision.



Viper Pro: Built with more power and memory with faster processing times for larger growers and custom operators; optional five-product variable rate control; and vertical 10.4-inch touch-screen display. GPS receiver sold separately; scalable.

Your Raven dealer and Precision Ag Specialist can help you decide which Raven field computer is best for your farming situation and operating needs.

