Raven Viper 4 – Firmware 693834

HMC # 693794

Product	Rev #	Date Released	Change Description
Viper 4	2.0.10.68	12/18/14	• Feature unlock status page • On screen lightbar • Additional bug fixes and features
	2.0.5.5	5/16/14	New Features: • Bin Cleanout Functionality • Boom capacity alarm and widget • Support for GreenSeeker variable rate application, available with software unlock • Shapefile field boundary import • Field boundary area display • Manual pump and fan control in product configuration widget • Additional machine profiles • Adds support for SideKick Pro injection alarm options • Adds support for Slingshot GS and Satellite GS • Enhancements to bin chaining • Updated field background for improved visibility • Updated translations • Updated EULA Major Defects Resolved: • System-wide improvements to stability and responsiveness • Improvements to serial device detection response time • Improvements to system boot time • Improvements to Accuboom coverage painting • Improvements to file management • Fixes issue that occurs when sections not entered in wired as order • Fixes issue with speed source setting reverting from radar to wheel • Fixes issue that would prevent ability to calibrate or prime SideKick Pro • Fixes issue with section position and painting • Fixes issue with units displayed for NH3 application on reports • Fixes issue with non-consecutive product numbering • Fixes to job area and volume calculations • Fixes to wind direction indicator in weather station user interface • Fixes and improvements to external lightbar
	2.0.3.14	5/9/14	• Fixes for display crashing • Fixes for Sidekick Pro initial setup
	1.0.4	11.15.13	• Added initial support for the following languages: Spanish, Portuguese, French, German, and Russian.

| | | | • Added profiles for Hagie Sprayers. |
| | 1.03 | 10.1.13 | New Product Release |

Raven Viper Pro – Firmware 693885

HMC # 693401

Product	Rev #	Date Released	Change Description
Viper Pro	3.10	12/18/14	• Firmware updates. No major modifications
	3.9	08.08.13	• HAS NOT BEEN TESTED BY HMC ENGINEERING
	3.7	3.25.13	• Reconstruction of sidekick Pro diagnostics screen • Multiple enhancements to the handling of granular application with the ability for advanced bin-chaining, bin cleanout, and inter-bin delays.

Raven Envizio Pro / Envizio XL– Firmware 693887

HMC # 693321 / 693638

Product	Rev #	Date Released	Change Description
E-Pro / XL	3.8	12/18/14	• Firmware updates. No major modifications
	3.7	12.11.13	• HAS NOT BEEN TESTED BY HMC ENGINEERING
	3.6	07.02.13	• SmarTrax MD Support • Weather Station Support • Prescription map rate bump • Low speed mode enhancement with granular control
	2.3	07.08.10	Many additional features, but must have an activation key – must contact Raven support if software version is below 2.3.

SCS 5000 – HMC # 693667

Product	Rev #	Date Released	Change Description
SCS 5000	2.0	6.1.12	• This software does not have the "Hagie" Branded Logo

SCS 4600 –HMC # 690986

Product	Rev #	Date Released	Change Description
SCS 4600	2.0	6.1.12	• No details listed
	1.90	12.15.10	• New diagnostic screen for use with SideKick Pro

			• PSI or RPM will display next to the product it is associated with on the run screen (if a RPM or PSI sensor is installed) • Speed data now saves in data log files

SCS 460 – HMC # 690490

Product	Rev #	Date Released	Change Description
SCS 460			• Nothing on website??
			•

Product Control Node – Firmware 693831

identifier "p279" – HMC # 693674

Product	Rev #	Date Released	Change Description
PCN	2.20.26	5/9/14	• Fixes issue with speed calibration setting being lost on power cycle
	2.10.14	6.27.13	• HAS NOT BEEN TESTED WITH HMC ENGINEERING
	2.20.07	4.10.13	• CanBus integration with HMC sprayer MY 2014 • Known issues – SCS 5000 does not function correctly when holding the "increase or decrease" button.

Single Product Node– identifier "p149" – HMC # 693404

Product	Rev #	Date Released	Change Description
SPN	1.54	5.6.13	• Older SPN node (Gen I) – no release notes from Raven.

Single Product Node– Firmware 693832

identifier "p293" – HMC # 693404

Product	Rev #	Date Released	Change Description
SPN	2.15.07	7.11.13	• Newest SPN node (Gen II) – no release notes from Raven.

Boom Sense Node– Firmware 693828

identifier "p143" – HMC # 693403

Product	Rev #	Date Released	Change Description
BSN	1.70.02	5.20.13	• Single Boom Sense node – no release notes from Raven.

SmarTrax 3D – Firmware 693833

identifier "p269" – HMC # 693552

Product	Rev #	Date Released	Change Description
3D	6.0.17	6.22.13	• SmarTrax steering node software. Modifications for front mounted booms.
	5.8.06	12.16.11	• Initial software release for front mounted sprayers.

Hagie SideKick PRO– Firmware 693830

identifier "p359" – HMC # 701459

Product	Rev #	Date Released	Change Description
SideKick	1.21.04	9.4.13	• New Software for Pumps

Viper Pro™ Software Update Details

Version: 3.10.1
Release Date: 03/31/14

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DOWNLOAD UPDATE

If used with a CAN SmarTrax steering system, software version 5.3 or higher is required. It is not recommended for use with a CAN SmarTrax system with any software versions prior to 5.3.

This version no longer supports Rbin data files. Rbin files will not be created - also eliminating the need for the desktop Rbin viewer.

Any previous job files are not compatible with the 3.6 software release. Please save and remove all previous jobs prior to updating the software.

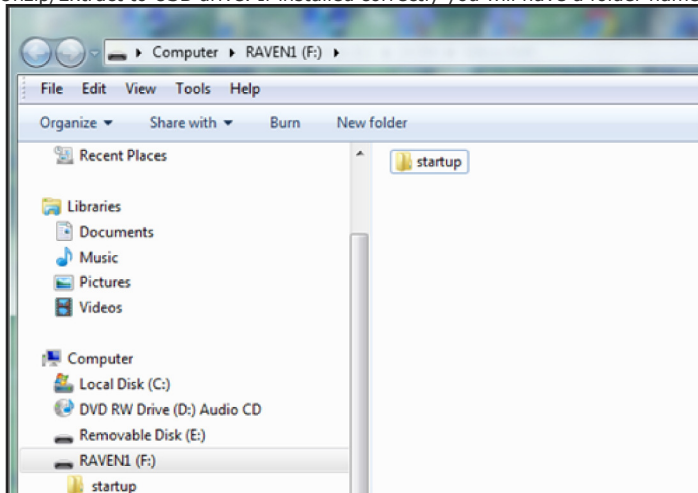Activation code is required to work with AgX pre-populated jobs.

NOTE: If the Viper Pro had previously been registered to a Slingshot account please proceed with the following steps. After the software update is complete power-down the Viper Pro, and then re-power the Viper Pro system. From the main home screen press "Menu", then "Exit", then "Exit to Menu". Then make a selection to re-enter the Viper Pro application software.

NOTE: When updating field computer software, Raven recommends confirming that all CAN nodes on the system have the most current firmware available.
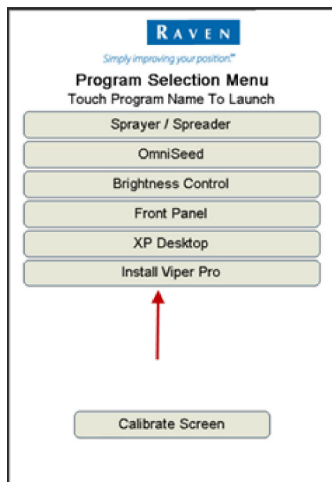
Download and Installation Instructions

Note: This is a clean installation. This will wipe the Viper Pro clean and reinstall software. Please note that all settings, job files and activation keys will be lost.
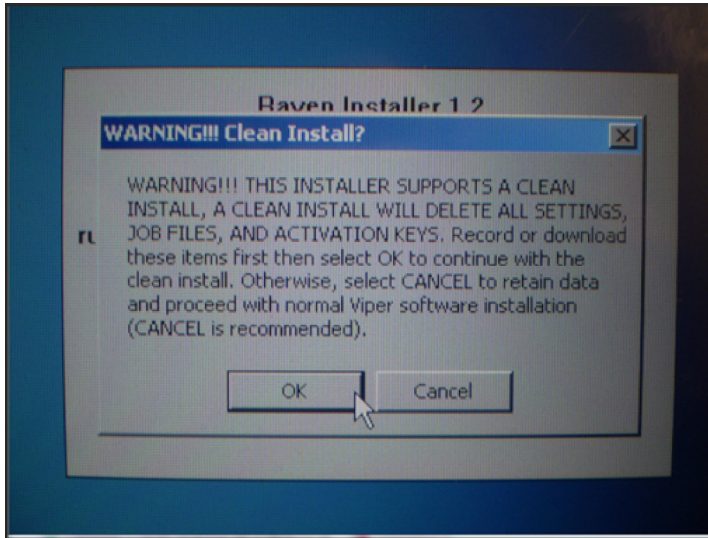
1. Unzip/Extract to USB drive. If installed correctly you will have a folder named "startup".
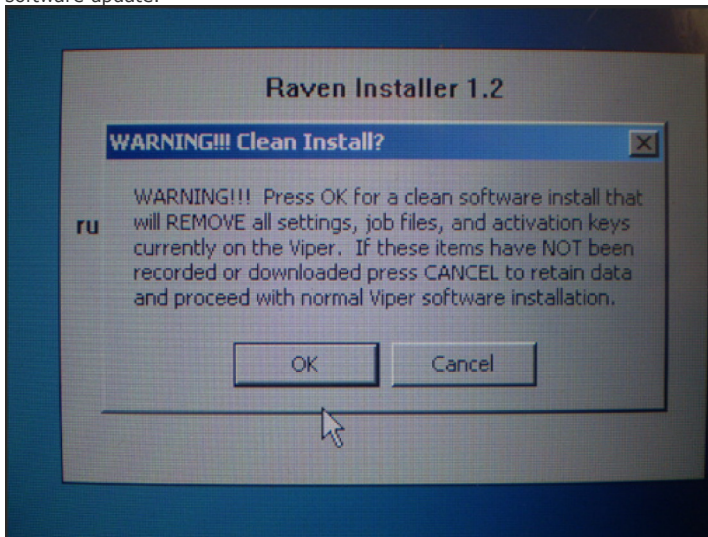

2. Insert USB into Viper Pro at the Program Selection List and select on Install Viper Pro.

3. Once the software launches the first of two Clean Install warnings will come up. Select Cancel to load software as normal or select OK to launch Clean Install.

4. Then a Second Warning for Clean Install will come up. Select OK to launch Clean Install or Cancel to load as a normal software update.

Release Notes

New Features:

- Viper Pro 1.6 GHz CAN priority

Enhancements:

- SeedMaster Gate Alarm
- Shutdown application errors
- Job Volume

DOWNLOAD UPDATE