

## Technical Bulletin

# PinPoint™ II Software Features Matrix

Compatible software suites (CapView II, Power Hub (Gateway Hub), and VCM) are required for proper operation

Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.48	11/2/2020	<ul style="list-style-type: none"> <li>This code includes compatibility for power hubs with new compass modules on serial numbers 1279 and later.</li> <li>This code is optional, yet backwards compatible, with older serial numbers prior to 1279.</li> </ul>		<ul style="list-style-type: none"> <li>If the system is properly functioning on CapView 4.48 and hub 2.87, update Gateway software, then complete a compass calibration. A factory reset is not necessary.</li> <li>For existing systems operating older revisions of CapView or Gateway software, physically install the hub, update CapView to 4.48, then set up the system. If the Capview code is updated, a factory reset should be done.</li> </ul>
Power Hub	2.92	6/13/2022			
VCM	<u>2.44</u>	5/24/2021			

Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.48	11/2/2020		<ul style="list-style-type: none"> <li>• Corrects issues high duty cycles in VCM software version 2.43.</li> </ul>	<ul style="list-style-type: none"> <li>• This version of code is only recommended with PinPoint™ II Systems with an RCM.</li> <li>• The high duty cycle issues have only been found in VCM software version 2.43. Other previous software versions do not present the same error. This software update is only needed for VCM software version 2.43.</li> </ul>
Power Hub	2.87	4/1/2021			
VCM	<u>2.44</u>	5/24/2021			
Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.48	11/2/2020	<ul style="list-style-type: none"> <li>• Pressure commander maximum value changed to be compatible with RCMs.</li> </ul> <p><b>IMPORTANT:</b> If the machine has a PC2 Node do not use this Power Hub software version. For machines with a PC2 Node use Power Hub software 2.84.</p>		<ul style="list-style-type: none"> <li>• This version of code is only recommended with PinPoint™ II Systems with an RCM.</li> <li>• Not compatible with original PinPoint systems</li> </ul>
Power Hub	2.87	4/1/2021			
VCM	2.43	11/2/2020			

Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.48	11/2/2020	<ul style="list-style-type: none"> <li>Improved compass calibration: Procedure changes—add a 10 second wait time before moving</li> <li>Add an Invalid GPS VTG error message when a GPS is always showing a heading = 0.0</li> <li>Improved compass filters</li> <li>Improved boundary performance</li> <li>Changed the ISO filter to prevent the Viper error messages from crashing the Gateway hub</li> </ul>	<ul style="list-style-type: none"> <li>Fixed bugs in determining Gateway hub orientation</li> <li>Fixed cornering issues</li> <li>Fixed an error in generating bitmaps</li> </ul>	<ul style="list-style-type: none"> <li>Not compatible with original PinPoint systems</li> </ul>
Power Hub	2.84	11/2/2020			
VCM	2.43	11/2/2020			
Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.27	2/7/2020	<ul style="list-style-type: none"> <li>Improved Compatibility with Raven PC2 Node</li> </ul>	<ul style="list-style-type: none"> <li>Fixed a bug when retrieving maps</li> <li>Fixed a bug that caused turn compensation issues during compass errors</li> <li>Improved pressure commander performance</li> </ul>	<ul style="list-style-type: none"> <li>Not compatible with original PinPoint systems</li> </ul>
Power Hub	2.75	2/7/2020			
VCM	2.41	10/1/2018			
Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.25	9/3/2019	<ul style="list-style-type: none"> <li>New PSI NAV Commander Module—Compatibility with Raven RS1 Antenna and PC2 Node</li> </ul>	<ul style="list-style-type: none"> <li>Improved GPS lag time issues</li> </ul>	<ul style="list-style-type: none"> <li>Not compatible with original PinPoint systems</li> </ul>
Power Hub	2.72	9/3/2019			
VCM	2.41	10/1/2018			

Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.18	10/1/2018		<ul style="list-style-type: none"> <li>Improved compass calibration</li> </ul>	<ul style="list-style-type: none"> <li>Only necessary if having compass calibration issues</li> <li>Not compatible with original PinPoint systems</li> </ul>
Power Hub	2.61	6/21/2019			
VCM	2.41	10/1/2018			
Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.18	10/1/2018	<ul style="list-style-type: none"> <li>All nozzles will show the duty cycle jumping to 10% or 100% for one pulse and then return to the correct duty cycle.</li> <li>This issue is intermittent and it is likely that machines with the previous software release (Power Hub v 2.55) are or will exhibit the issue. CapstanAG recommends updating the software even if the machine is not exhibiting the issue.</li> </ul>		<ul style="list-style-type: none"> <li>Not compatible with original PinPoint systems</li> </ul>
Power Hub	2.56	12/3/2018			
VCM	2.41	10/1/2018			

Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.18	10/1/2018	<ul style="list-style-type: none"> <li>• Ability to Save Nozzle and System Setup values independent of Location setup to make replacing components easier</li> <li>• 24-Series Valve compatibility without changing the boom configurations</li> <li>• Up to 200 valve capability for larger booms or tighter nozzle spacing</li> </ul>	<ul style="list-style-type: none"> <li>• Improved overlap control in narrow overlap areas</li> <li>• Faster overlap processing times</li> <li>• Gallon Counter now works correctly with recirculation systems</li> </ul>	<ul style="list-style-type: none"> <li>• Not compatible with original PinPoint systems</li> </ul>
Power Hub	2.55	10/1/2018			
VCM	2.41	10/1/2018			
Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.11	10/16/2017	<ul style="list-style-type: none"> <li>• Makes PinPoint II compatible with AGCO C-Series Sprayers</li> </ul>	<ul style="list-style-type: none"> <li>• Fixes VCM errors to make compatible with AGCO C-Series Machines</li> </ul>	<ul style="list-style-type: none"> <li>• Not compatible with original PinPoint systems</li> <li>• Not a mandatory update for non-AGCO C-Series machines</li> </ul>
Power Hub	2.48	10/16/2017			
VCM	2.20	1/9/2018			
Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.11	10/16/2017	<ul style="list-style-type: none"> <li>• Makes PinPoint II compatible with AGCO C-Series Sprayers</li> </ul>	<ul style="list-style-type: none"> <li>• Corrects errors in the conversion to Metric Units</li> </ul>	<ul style="list-style-type: none"> <li>• Not compatible with original PinPoint systems</li> </ul>
Power Hub	2.48	10/16/2017			
VCM	2.19	10/16/2017			

Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	4.05	5/13/2017	<ul style="list-style-type: none"> <li>• Individual Nozzle Boundary Control with CapMaps</li> <li>• Ability to Pulse at 31 Hz.</li> <li>• Allows up to 250 map uploads at once</li> <li>• Usable with all FAT formatted USB thumb drives</li> <li>• Spray with USB thumb drives in the back of the CapView II</li> </ul>	<ul style="list-style-type: none"> <li>• Fixes boom resetting preset issue, where a preset temporarily resets itself back on default when selected while in an open field until a different preset is selected followed by reselecting the desired preset</li> <li>• Fixes boundary file corruptions that appear in the CapView II as a .datat file, which generally refers to a missing file component in the original shapefile</li> </ul>	<ul style="list-style-type: none"> <li>• Not compatible with original PinPoint systems</li> </ul>
Power Hub	2.44	11/30/2016	<ul style="list-style-type: none"> <li>• No power-up delay required after Factory Reset</li> <li>• Faster processing time</li> <li>• Faster scroll bars</li> <li>• 15-Nozzle VCM Compatibility</li> <li>• Ability to set Pump Speed (RPM) Limit</li> </ul>		
VCM	2.16	11/30/2016	<ul style="list-style-type: none"> <li>• Contact line with QRC code to Website</li> <li>• Expanded Portuguese Language</li> <li>• Advanced Menu Structure</li> <li>• Digital Copy of Manual and Software on USB thumb drives</li> </ul>		

Software Details			Improvements	Corrections	Notes
<u>Component</u>	<u>Version</u>	<u>Release Date</u>			
CapView II	2.02	12/1/2017	<ul style="list-style-type: none"> <li>• Usable with all FAT formatted USB thumb drives</li> <li>• Spray with USB thumb drives in the back of the CapView II</li> <li>• No power-up delay required after Factory Reset</li> <li>• Ability to Pulse at 31 Hz</li> <li>• 15-Nozzle VCM Compatibility</li> <li>• Ability to set Pump Speed (RPM) Limit</li> <li>• Contact line with QRC code to Website</li> <li>• Advanced Menu Structure</li> </ul>		
Power Hub	2.44	11/30/2016			
VCM	2.16	11/30/2016			