



FLOWVIEW PRISM 1.7 UPDATE



April 18, 2019

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What's new in FlowView PRISM 1.7:

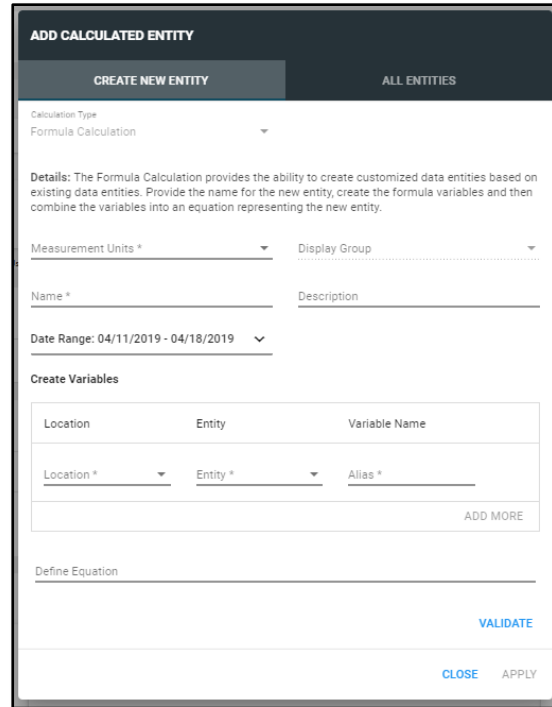
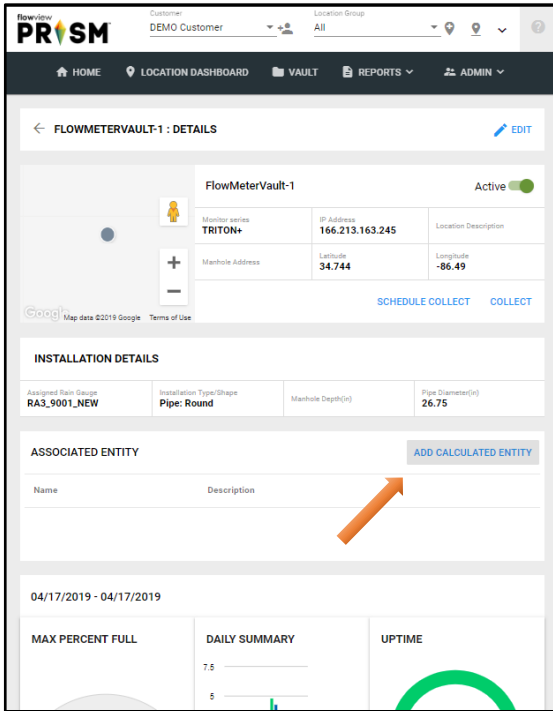
Wow! What a difference one sprint makes! The latest sprint in PRISM development – the Ironman Sprint – lived up to expectations! Our software development team achieved some “Ironman level” achievements in their continuing development of FlowView PRISM. We are confident you will see some dramatic and welcome changes, additions and enhancements in version 1.7.

With so many goodies included in the Ironman sprint, we are even more excited about what is to come in the Captain Marvel sprint that currently is underway!

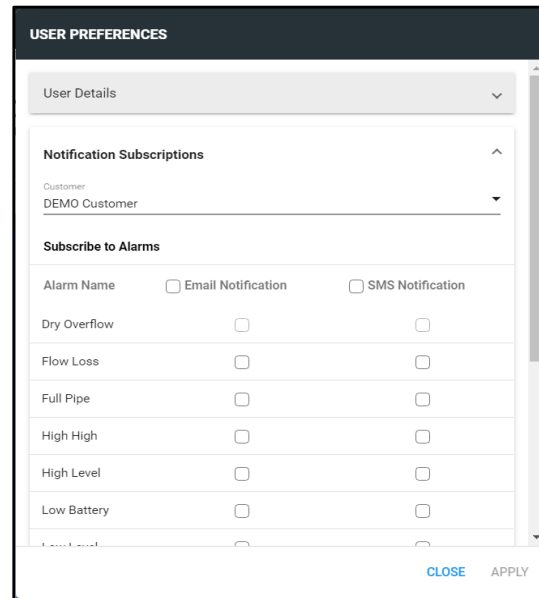
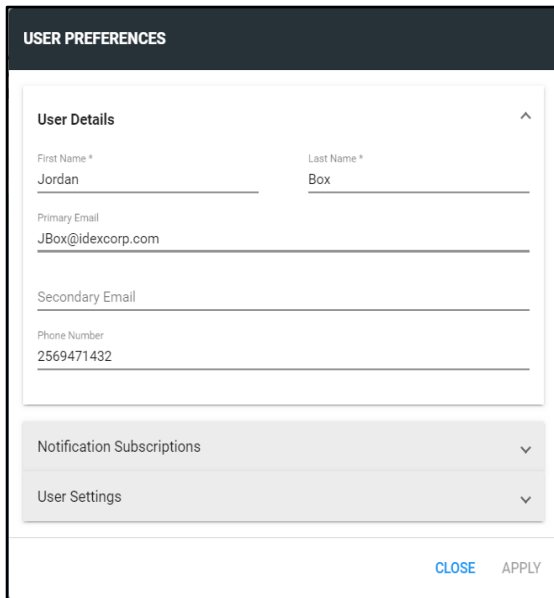
So, what's new in this release?

- **Introducing the new ADS ANSR™ Engine!** ANSR, ADS's **A**dvanced **N**umerical **S**olve**R**, enables advanced levels of user-based data calculations, on the fly, directly within FlowView PRISM! With the ANSR Engine, you now can perform user generated calculations with the data entities collected and stored in FlowView PRISM. This is our initial version, with additional improvements and upgrades to ANSR coming in the next few weeks. With coming updates, calculations such as the volume of a CSO event using a weir equation and net flow calculations between different sites can be added to your project using mathematical calculations, all in a very user-friendly interface.

The ANSR Engine is located on the Site Details Sheet for each location. Adding a new calculated entity begins the process of adding new entities, new user variables, and on-the-fly calculations of information that users want and need. More improvements to the ANSR Engine are coming soon!



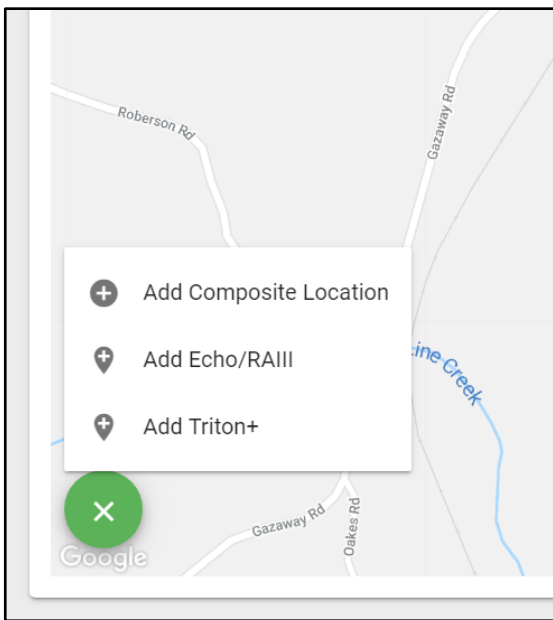
- Do you need a little more “alertness” from your alarm subscriptions? **SMS text alarms are now available within PRISM!** Just add a phone number to your user profile and subscribe to SMS alarm notifications, along with our standard email alarm notifications, from anywhere in PRISM. Select your username at the top right of the page, select User Preferences, click on the Notification Subscriptions dropdown menu, and subscribe away!



- The Location Dashboard has received some additional love with several upgrades! Check out the new selections of **quick time ranges**, the **stacked hydrographs** sharing a single time slider, and **performance**

optimizations leading to speed improvements overall.

- **Speed and performance** have been, and continue to be, a focus for the PRISM development team. During the Ironman sprint, and over the next two sprints, updates and enhancements to the architecture and “plumbing” of PRISM will be completed. Stay tuned for increasing levels of speed and productivity.
- Drum roll please...the early version of **Triton+ setup in PRISM is here!** When adding a new location from the button on the map, notice the new “Add Triton+” option. Users can add Triton+ locations, set up parameters specific to your Triton+ monitors, and have the monitors added to PRISM. Current functionality allows for set up and saving in PRISM. Look for more options and the ability to activate your Triton+ from this menu to be available soon!

A screenshot of the "ADD NEW LOCATION" form. The form is titled "ADD NEW LOCATION" and has a "BASIC INFORMATION" section. Below this is the "TRITON+" section, which is expanded. It contains two sensor configuration sections: "Sensor 1" and "Sensor 2". Each sensor section has fields for "Sensor", "Monitoring point", and "Channel". There are also fields for "Gain" and "Silt Value". At the bottom of the form, there are checkboxes for "Clock Synchronization" and "Daylight Savings", and dropdown menus for "Sample Rate" and "Fast Sample Rate". At the very bottom, there are three buttons: "CLOSE", "ACTIVATE", and "SAVE".

Issues resolved in this update of FlowView PRISM 1.7:

- Previously, when uploading an XML file of a monitor, it would overwrite some fields (i.e. latitude, longitude, assigned rain gauge, etc) which were not included in the XML file with blanks. Instead of needing to re-input these fields every time an installation file is uploaded, we decided to stop letting the system overwrite these.
- While viewing the map on the home page, options to change the map view to satellite, white, or dark views were not functioning correctly. If one of these options was selected and then a widget view opened, the view selection was lost. Map view selections now persist while viewing widgets!
- Annotations and Alarm Thresholds have start dates do they not? They do now! When plotting these on the Location Dashboard, they now have a start and end date on the hydrograph on those dates!

So what's next?

The Captain Marvel sprint is underway! Items still expecting progress in the coming weeks are enhancements and improvements to the ANSR Engine and Triton+ Activation, as well as additional **Beta Testing of the new Data Editing features**. If you are a beta tester of these editing features, you are already aware of it and will be hearing further information from Jordan Box next week! The FlowView PRISM team always welcomes comments, suggestions, requests, and bug notification. We also love hearing about your experience with FlowView PRISM –

good and bad – and use that input to energize the team or identify opportunity in the next sprint. Do you have an idea that would make your or someone-you-know’s tasks easier or faster in FlowView PRISM? Let us know!

If you have any questions about FlowView PRISM, please contact [Candi Cole](#), [Lee Keel](#), or [Jordan Box](#) of the PRISM Development Team. Please continue to submit bug reports and feature requests through the self-reporting tool in FlowView PRISM.