

# PRISM™ 2.0

October 19, 2020

## The new PRISM 2.0 has arrived!

It's a family reunion! The new **PRISM 2.0** unites some of the most **powerful, time saving, solution advancing flow monitoring data applications into one complete solution**. Welcome to the largest, most integrated update to PRISM yet...PRISM 2.0!

<https://www.adsprism.com>

This release moves PRISM from a first release to a maturing platform. **PRISM 2.0** reflects a major turning point in the PRISM platform. You wanted a unified database for handling all your collection system monitoring data? Done! You wanted fast data editing all in one platform? Done! You wanted the ability to easily import other data via APIs? Done! You wanted to consolidate data management, data editing, reporting, and database management into one platform? Done! You wanted to consolidate data management, data editing, reporting, advanced analytics, machine learning, and database management into one platform? Done!

With the exception of SLiCER, coming later this year, PRISM 2.0 consolidates the functionality of multiple, discrete software applications into one complete solution.



The Development Team has delivered the most advanced PRISM solution to date, leapfrogging capabilities of other products. Well done Dev Team!



Over 50 User Stories completed delivering new and exciting features!



60 Production bugs and over 230 total bugs squashed out of existence!

Check out some of the new features and enhancements below.

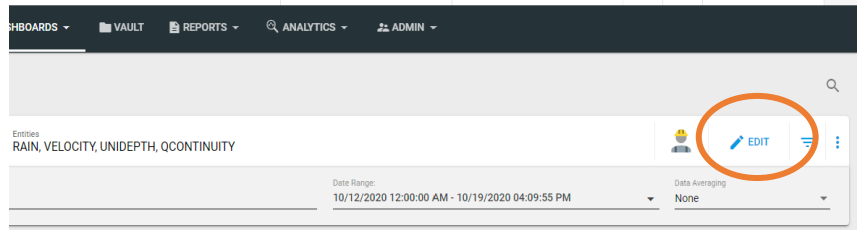
New Powerful Features:

- **Data Editing V1** – The biggest addition to PRISM yet, **Data Editing V1 is now active!** With the release of Data Editing V1, most projects no longer require the use of Profile to edit and cleanse the data, enabling you to work more productively, more quickly, and more seamlessly all within the PRISM platform.

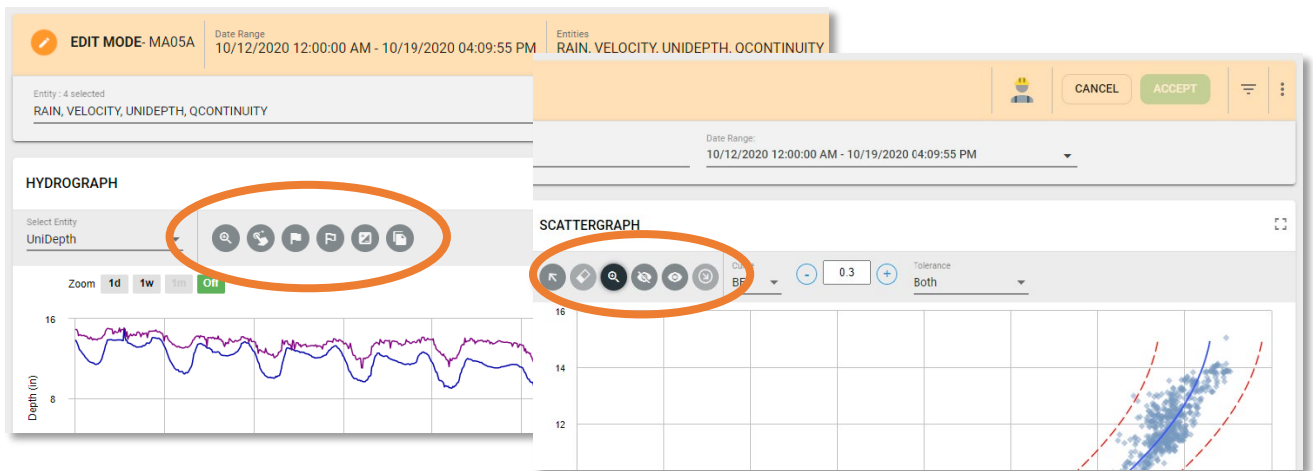
This bears repeating – **with today's PRISM 2.0 release, most projects no longer require the use of Profile for cleansing the data before finalization! You can do this all within PRISM now!**

But just to give you a small tease of the new features...

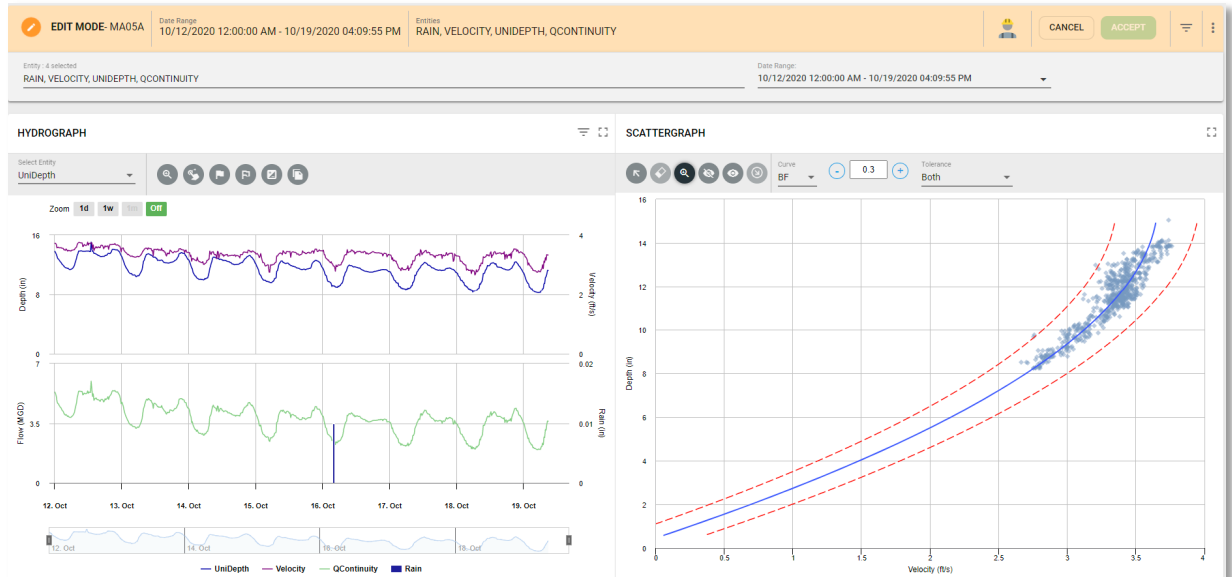
- **Editing Integrated in Location Dashboard** – this is where the data lives and is finalized. Access editing via the creatively named "Edit" link. 😊



- **Familiar Layout and Icons for Editing** – PRISM 2.0 uses similar icons, process, and functionality to make the transition to data editing in PRISM as easy and 1-2-3...



- **Hydrograph and Scattergraph Editing ON THE SAME PAGE!** – Yes, you heard us right. This is a huge benefit and time saver! Being able to see your data on both graphs simultaneously, with immediate feedback on how your edits impact each data view, is indispensable for productivity gains.



- **Rollback Editor** – This tool will allow a user to roll edits back from the edited value to the original value from the monitor. This is a great tool for data quality auditing.
- **Advanced Block Editor** – This is not the block editor you remember! The new improved Block Editor allows you to not just create conditions for changes to the selected location, but your conditions can be based on entity values from other locations.

“DA’s are going to really appreciate the roll back editor. *It’s better than Profile!*”  
 - Kristen Daye

**BLOCK DATA EDITOR**

Timespan  
 2020/10/12 00:00 - 2020/10/19 17:25

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CONDITIONS

Location ADFE-1	Entity: 1 selected DEPTH	Operator >	Value (in) 3
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ADD MORE

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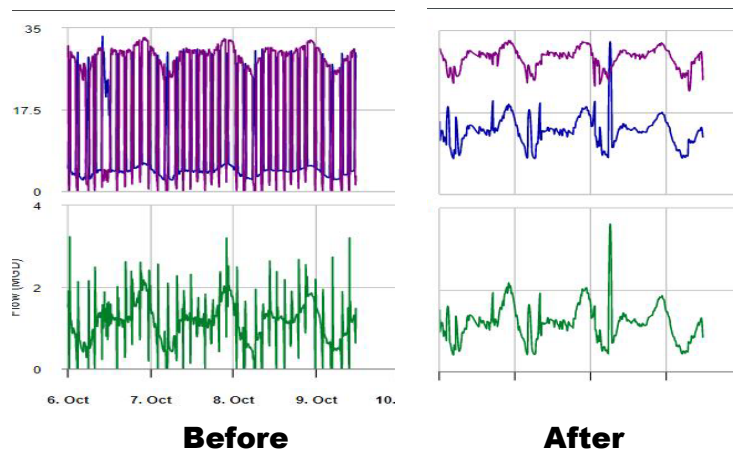
LOCATION: ADFE-1

Entity: 1 selected Depth	Actions Equal	Type <input type="radio"/> Value <input checked="" type="radio"/> Entity	Entity: 1 selected LRDEPTH
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CLOSE   APPLY

- **Silt Editor** – This tool allows you to see the history of silt and enter new silt values.
- **Interpolate** – The new interpolate tool will allow you to select spans of data to have the gaps filled in just like the PROFILE tool. However, the new tool also will allow you to select multiple pops or drops and have those points interpolated for you! So, no more selecting the points, deleting them and then filling in the gaps. Powerful!

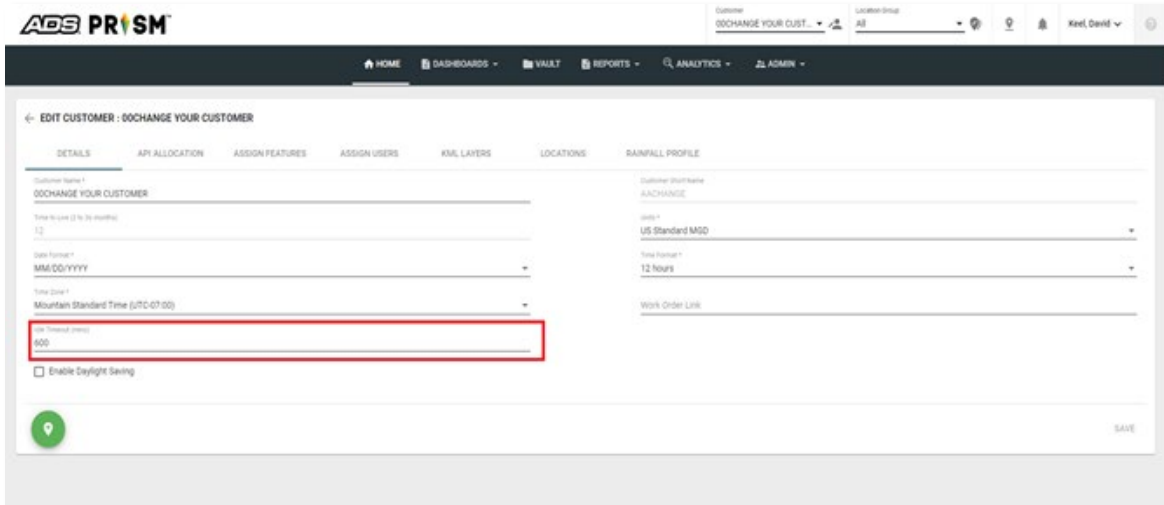
Here is a quick example of the Interpolate Tool in action on pops and drops. It works to resolve the obvious pops and drops but is not so aggressive that it over edits the data.



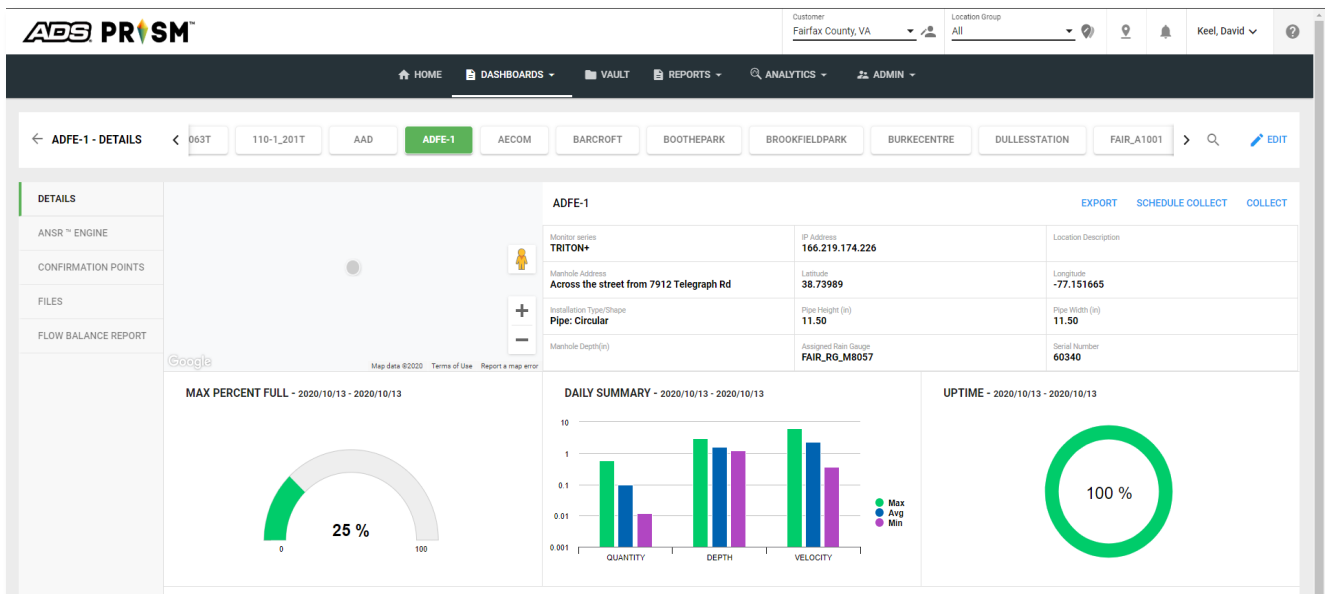
- **Error Message for Pipe Table** - We are now checking that the pipe table is properly configured in PRISM before allowing a user to enter an edit session. The UI will now send an error message to user to let them know that there is a problem with pipe table.
- **Improvements to the Best Fit Curve** – There were several updates to the curve generation and the buckets associated to the curve. This should allow a much better chance for point selections and allowing snapping of those points on the scattergraph.

Data Editing is a permission-based feature available at the user level. If you do not have access to Data Editing, contact the [Support Center](#) to gain access. You will be seeing meeting invites coming soon for training in the Data Editing features, the revised DA work instruction, and moving projects into PRISM.

- **Support for Custom Pipes** – PRISM now supports the creation of custom pipes. This process requires users to use a new Custom Pipe spreadsheet. Once the measurements have been entered and the sheet has been completed, then you can upload the spreadsheet to the location vault and import the new pipe dimensions. ADS users will be trained on this process. Please contact customer support for a copy of this spreadsheet and instructions on what needs to be done.
- **Customer Level Login Timeout** – This is a new feature that will allow you to set the default timeout for each customer. This was a security requirement by many projects, but each project had their own requirement for the timespan. To overcome the “one off” potential of this feature, the Customer Administrator now will be allowed to enter a value between 1 and 600 minutes. This is an idle timeout so, as long as you are busy in PRISM, all is good. You will be automatically logged out if you stop working within PRISM and the timeout period elapses.



- **Rain Data Assignment** – Rain data is no longer copied from the rain gauge to the location but instead pulled directly from the assigned rain gauge. Previously, when the user imported rain to a location, they would have to import that same rain data for each location associated with the rain gauge. Now, when the user imports data to the rain gauge, the gauge data will appear with all location to which it is assigned. NOTE: Something of which you need to be aware: this change will mean that when you change rain gauges assigned to a location, the historical rain data will change according to the new rain gauge data.
- **Location Scroll on Location Details** - You can now scroll through locations on the location details by selecting the location desired in the top scroll bar. This allows you to see the basic information as you scroll through the locations and then a simple click of the arrow to get to the location dashboard for the selected location.



- **Print Location Dashboard** – Previously, some gremlins were causing havoc with print formatting when a user performed a print from the location dashboard. This has all been updated so that things are all nice and pretty, and the gremlins evicted from the print function. We continue to work on a known limitation where the print function will only print the rows for the data table that are visible on screen. This is a known issue, and we are

working to resolve it. As a temporary solution, if you want to print more rows than you can see on the screen, you will still need to use the Flow Monitoring Report function to get all the rows in your print job.

- **Entity Selector Updates** – We continued efforts on this to make the entity selector more intelligent with the API calls and such. More work coming on this in coming releases.

**Important bugs resolved:** We hate bugs. And when they show up, regardless of our best intentions, we work hard to get rid of them! Seriously, it's nothing personal, but they are a real pain! Here is a sampling of some of the biggest bugs resolved in this release:

- **Issues with locations loading on location dashboard** – There were several production bugs around the loading of the data for locations when changing location groups or customers. These have all been cleared up.
- **Custom Dashboard forgetting graph colors** – The color being mapped has been resolved and is now shown in the editor for each graph.
- **Scattergraph showing data from previous site** – This was happening in scenarios where you went from a Triton+ to an ECHO site. In this case the scattergraph was being hidden and when you showed it then it was not being refreshed. This has been resolved and the user is now seeing a message there with no scattergraph.
- **And MANY more....**

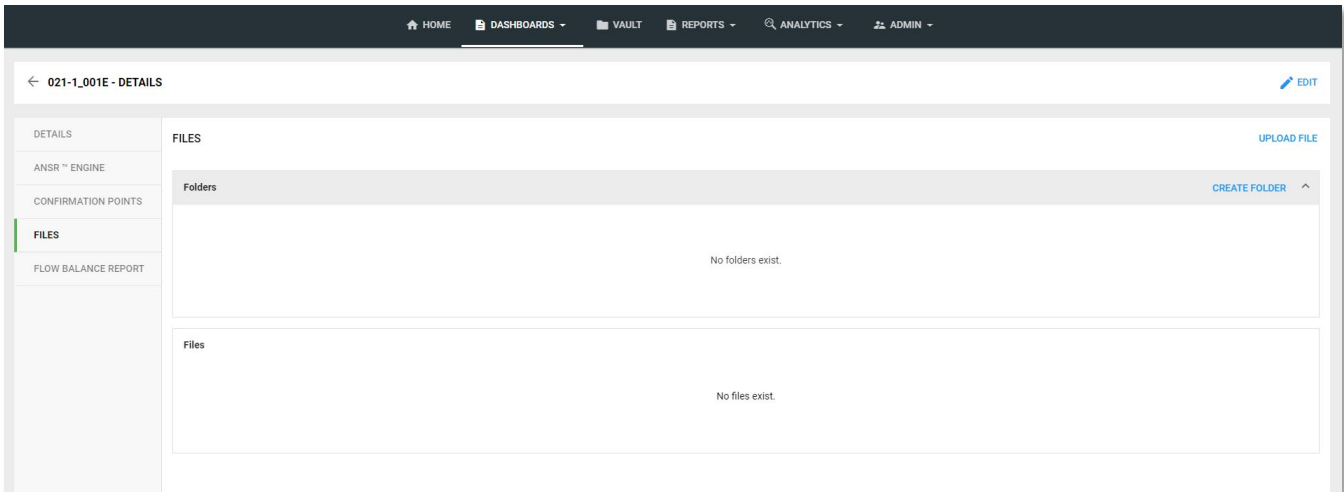
### Notable features you may have forgotten...

PRISM is constantly changing and has so many features. It is hard for us to remember just what all it can do. Here are a few features that PRISM has previously released that you may have forgotten about.

- **USGS Integration** – PRISM can import data automatically and directly from USGS monitors. Here is one example where we are bringing in river level data and rain data via PRISM's powerful API functionality.



- **Location Vault** – The location vault is a quick easy way for you to see files specifically associated to a location. This allows for quick and easy access direct from the location on the Location Details page



#### Known Issues:

- **Flow Monitoring Report** – There are a couple of limitations found around the FMR and we have done the best we can to update and get the most we can with the current implementation. The limitation still exists that you will not be able to export a report on more than 50 sites at a time. If you do this, you are likely to get a report that may not have all your graphs. There is no rhyme nor reason concerning the graphs that are missing, so just try to keep it under 50.



Another issue that was found was that sometimes the report may take longer than the timeout will allow from Azure. Because of this, you may get an error message that says your report failed. However, if you continue to wait you will get a notification and the report will be available.

We continue to work hard to resolve these issues, and expect full resolution in coming releases. Thank you for your patience.

#### So, what's next?

The development team is focused on finishing SLiCER V1, the Alarm Notification and Management Dashboards, integrating a full GIS application within PRISM, along with constant bug fixes, optimizations, and efficiency improvements across the board. The PRISM team always welcomes comments, suggestions, requests, and bug notifications. We also love hearing about your experience with PRISM – good and ugly – 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 PRISM? Let us know!

If you have any questions about PRISM, please contact [Lee Keel](#) of the Product Management Team or the [Support Center](#). Please continue to submit bug reports and feature requests through the self-reporting tool in PRISM.