



PRISM 1.15 UPDATE



August 5, 2020

Welcome to PRISM 1.15!

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The new release of PRISM is here! There are some major features in this release including the Beta releases of **PRISM Data Editing**, the **new SLiCER**, and the reworked **Flow Monitoring Report**. We have been working hard to get this latest release out to you.



Over 155 User Stories completed delivering new and exciting features!



40 Production bugs squashed out of existence!

This is a **BIG** release, so hang on tight! We have a lot to cover! Check out new features and enhancements below.

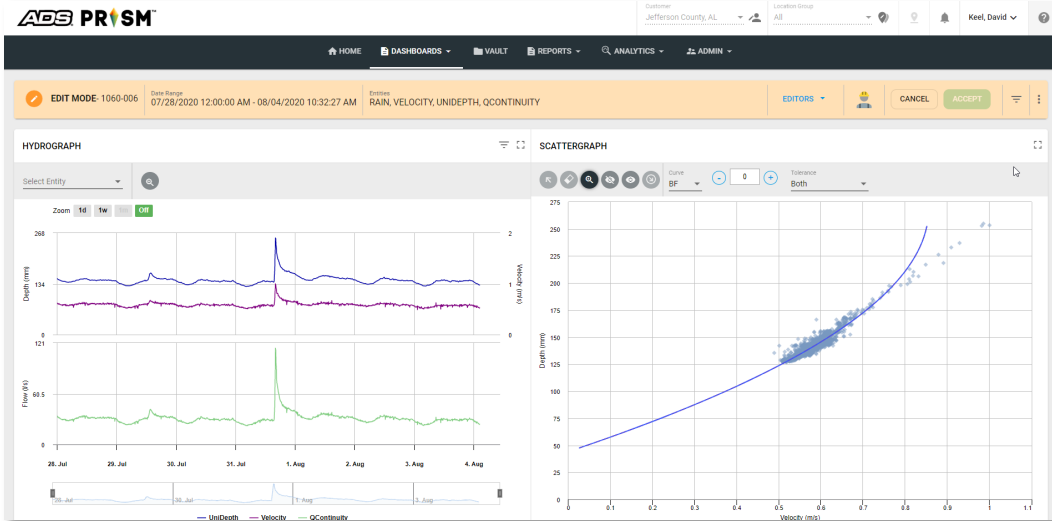
New Features:

- **New Features in Internal BETA** – So what is a Beta Test you ask? Beta Testing is the final stage in the testing of a new software or hardware product before its commercial release, conducted by testers other than its developers. All the beta features listed below are in internal testing by a diverse group of data analysts and data users. Since these features are in Beta, not everyone will see them as available features in PRISM at this time. Everyone will have access to the beta test of the Flow Monitoring Report.

These features will be tested by internal users over the next few weeks and will be released as soon as we can get them ready for their **Version 1** feature release.

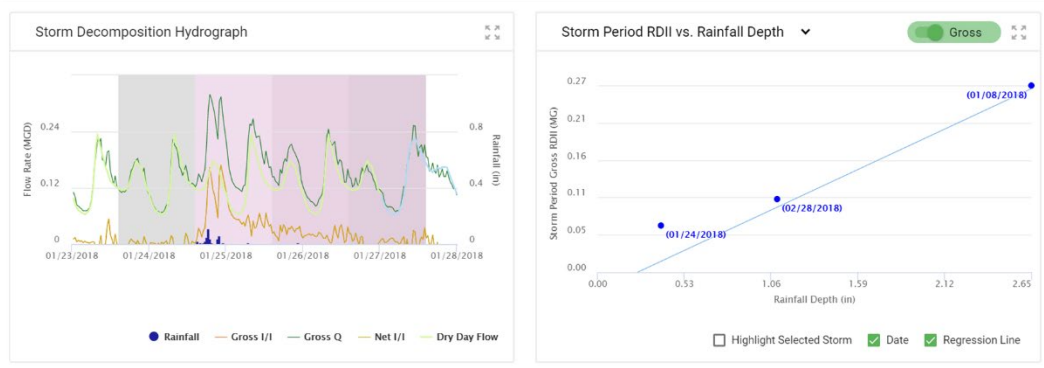
- **Data Editing V1 (BETA)** – The first round of features required for V1 of Data Editing are released! Many of the most used and popular features of data editing are included in this Beta release including Drag & Drop, Snapping, Copy\Paste, and much more. However, the work does not stop! Developers are continuing to work on additional features for data editing, and these will be released upon completion into the Beta test within the next week or two.

It is our intention to have the full release of Data Editing for general use very soon. Once Data Editing is released as V1, we will start transitioning and completing all phases of flow monitoring projects inside PRISM, and we will start to retire the use of Profile. Stay tuned – this is coming faster than you may imagine!



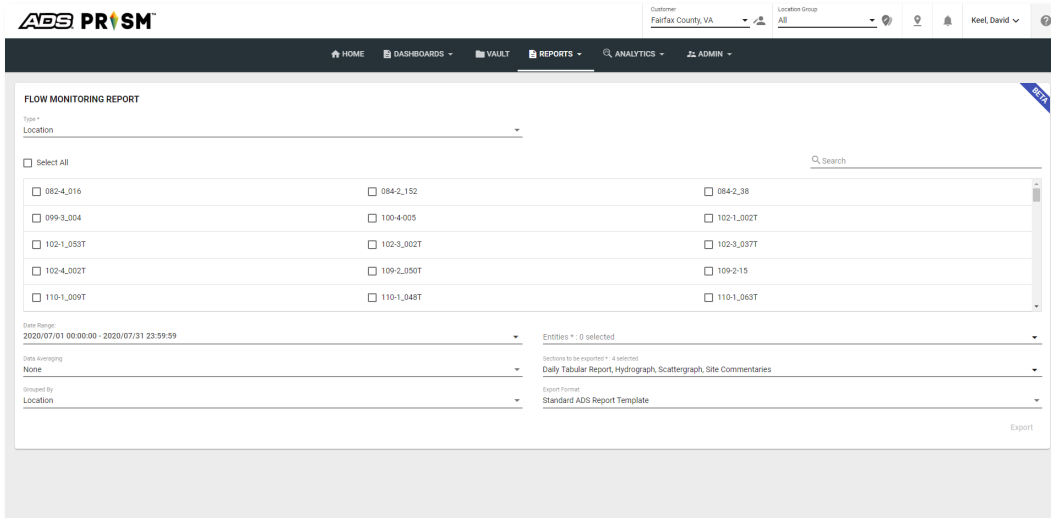
- **SLiCER V1 (BETA)** – The industry leading analytics tool, Slicer, has been moved from the remote desktop into PRISM as part of PRISM Analytics™. In addition to the great advantages of an updated layout, a more stable Azure-based platform, and a faster, updated calculation engine, SLiCER leverages the power of a unified database negating the need for database copying and moving into and out of SLiCER. This opens up opportunities for even more future enhancements such as real-time and continuous storm analyses! We are only beginning with the advancements offered in SLiCER and PRISM Analytics!

Our I/I subject matter experts are busy exercising SLiCER now in the Beta, and, as with data editing, we hope to have the new SLiCER released for both external Beta testing and general use very soon.

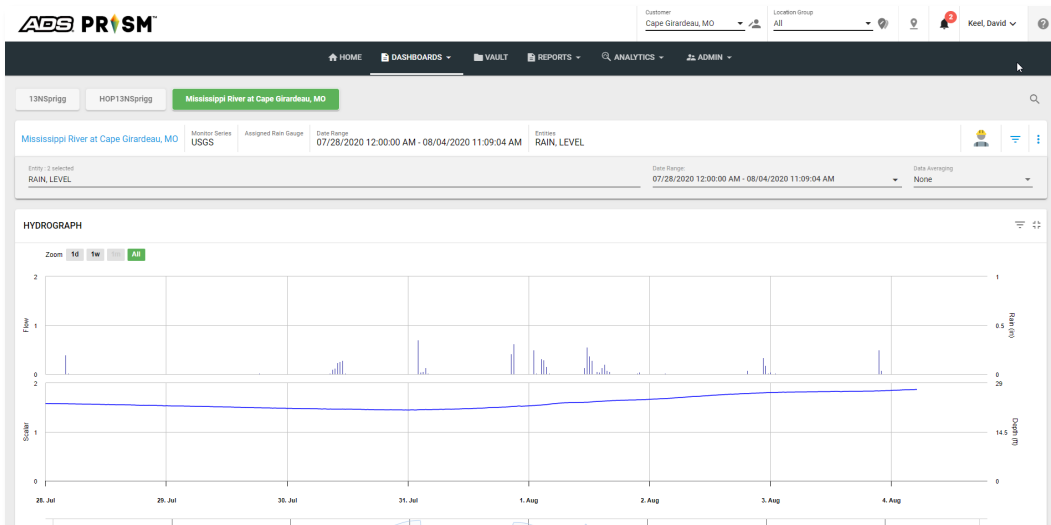




- **Flow Monitoring Report (BETA)** – This important report is available again. To access the report, be sure to turn Customer Feature -> **Advanced Reporting** on. The Flow Monitoring Report output is a Microsoft Word .xlsx document that allows you to easily update the formatting or messaging in the document. Features and limitations include:
 - Select from locations or location group
 - Select Date range – Default last calendar month
 - Entity Selection – This is a limitation at this point. You will want to select no more than 1 depth, 1 velocity, 1 rain, and 1 Quantity. We are working through this limitation, but it is proving difficult formatting the long table with more than just 4 entities in the word document. We will be leaving this in **BETA** until we can get this formatting issue resolved.
 - There will be replacement text to be updated by the user. You can search through the document and find where this text will need to be replaced searching for the key term: **REPLACE**
 - If using the **Standard ADS Report Template**, you also will need to update the Table of Contents by clicking within the area of the ToC and click the *Update Table* command. This report template will only be available for ADS employees.



- USGS data displayed in PRISM** – An existing feature that has not received the attention it deserves, we can import USGS rain and level data into PRISM and have that data available for display or even used as part of the ANSR Engine. This feature is available using the powerful Application Programming Interface (API) functionality built into PRISM. Using the APIs made available by the USGS in either XML or JSON programming interfaces, PRISM can be updated automatically when an API call is made to the data source. This, like SLiICER’s integrated database connections, allows ADS to leverage the power of cloud-based computing for the benefit of our users!

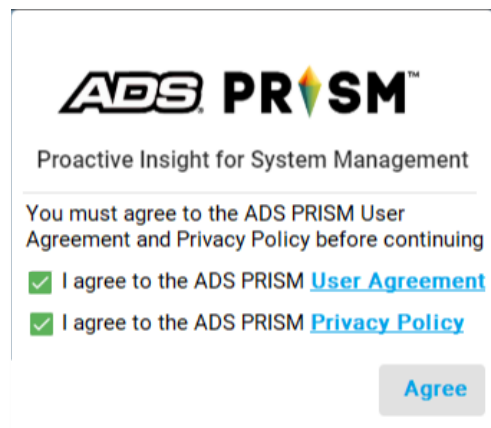


- Location Dashboard Refactor** – If you were to join us for a trip in the “Way Back Machine”, you would see that the first page created as a proof-of-concept for PRISM grew to what today is known as our Location Dashboard. Since then, there have been lots of developers creating, updating, changing and fixing features on this page. Due to all these changes, there were a lot of complications in the background calculations of the data editing features. The software team and management made the decision to refactor this page and try to streamline the code. While this did delay the release of data editing, the developers managed to get past the feature issues, greatly improve performance, and get rid of at least 4,000 lines of unused or extraneous code. We truly believe that this makes things much better for you the user and much easier to

build upon in the future.

- **Entity Selection on Location Dashboard** – During the previous June release, we unfortunately had several issues introduced around Entity Selection. Our apologies! We released some earlier hot fixes and then some more fixes for this release to get this working more smoothly for everyone.
- **Secure Webhooks** – Our API functionality now has [secure webhooks](#) released for consumers of the API. Webhooks allows customers to receive automatic updates when events happen in PRISM rather than having to continue to query the PRISM API for updates. This is a great advantage to our APIs and will greatly help our customers. For example, one of our Florida based customers is using Webhooks to receive automated alerts of level alarms directly into their city SCADA system. These are delivered proactively rather than the customer having to continuously query PRISM for the information. Talk about overserving our most important customers!
- **Notification of Collect Completion** – Users will now be notified after a manual collect is executed and has completed. This also will now update the data communication tile, widget and expanded report.
- **User Agreement and Privacy Policy** – As PRISM has matured into a full data management platform, it is incumbent upon us to be more proactive in the protection of both our customers' and ADS's privacy, security, and information. Beginning with PRISM version 1.15, upon an external user's first login, they will be required to indicate their agreement with ADS's PRISM User Agreement and PRISM Privacy Policy. These are the same agreements and policies included in our basic contracting language.

This is a common and familiar action that all of us take daily as we use new applications on our devices. With this, we protect both ADS and the customer. An example of the initial screen is below.



Note that users will not be required to agree to this every time they log into PRISM. It is required only on first login and then again if there are any changes or updates to the User Agreement or Privacy Policy. Their acceptance is logged and stored on the server.

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:

- KML Layers will now show immediately after loading to a project without requiring refresh
- Ability to use new Microsoft Edge v79 or greater
- Customer Administrators now can add Confirmation Points

- There were a couple of bugs against St Louis project that we made priority to get resolved
- There were around 152 bugs resolved this sprint with about 40 of those being production bugs

So, what's next?

The development team is focused on finishing Data Editing V1, SLiCER V1, Reporting enhancements, Notification Dashboard, along with constant bug fixes, optimizations, and efficiency improvements across the board. The PRISM team always welcomes comments, suggestions, requests, and bug notification. 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.