ADS PRISM™

Application Programming Interface (API)
Different software working together seamlessly

ADS® is on a mission to provide trusted and advanced solutions to complex collection system problems. We are making the process of managing your collection system easier, more affordable, and more efficient. Achieve high level collection system intelligence with our self-serve *Application Programming Interface* that enables customers, of all sizes, to build applications that help cities use flow monitoring data in ways that meet their own unique needs.

What is an Application Programming Interface and Why You Need One

An *Application Programming Interface (API)* is an interface that allows different software to communicate with each other. This customer-facing API allows you to automate data exchange between various ADS hardware. This allows you to use data measured by ADS monitors in other software applications. The old method of exporting data out of one database and importing it into another is slow and frustrating. Through the use of APIs and webhooks you have the capability to exchange data in both directions. The exchange requires no human intervention, can happen in near-real-time, and is error free. You can create new ways to put your data to use in a way that suits your needs. All data is exchanged in the lightweight JSON format that makes it easy to consume and fast to transfer. Our RESTful APIs integrate with nearly any modern system or programming language, giving you unattended data transfer with perfect accuracy.

Applications for APIs

- Hydraulic models. Fast, easy calibration.
- Edit and use data in Excel® for easy data management and evaluation.
- SCADA systems for easy consolidation of collection system performance data with pump station and treatment plant data.
- Use APIs to pull ADS monitor data into work order systems.
- Dashboard integration allows you to see the state of your system quickly across a variety of sub-systems (Microsoft® Power BI®).
- Maintenance Management Systems.
- Send/receive data using our ADS APIs.
- Utilize PRISM Analytics on investments customers have already made.
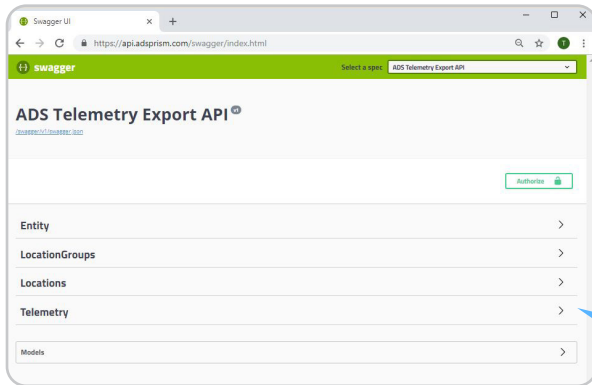
Who Uses APIs

Salem, OR uses a customized dashboard while importing data from ADS hardware through the ADS API.

Nashville, TN/CDM Smith imports raw data daily from the API, "calibrates" it overnight and generates reports each morning for operational needs (potential overflows or problem areas).

Houston, TX plans to bring data into their own Microsoft Power BI dashboard for daily management needs. Houston has built custom dashboards using PowerBI and uses APIs to pull flow monitor data into their custom dashboard. Developers and development teams will be able to make the most out of the raw data.

Accessing and Navigating the ADS API

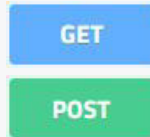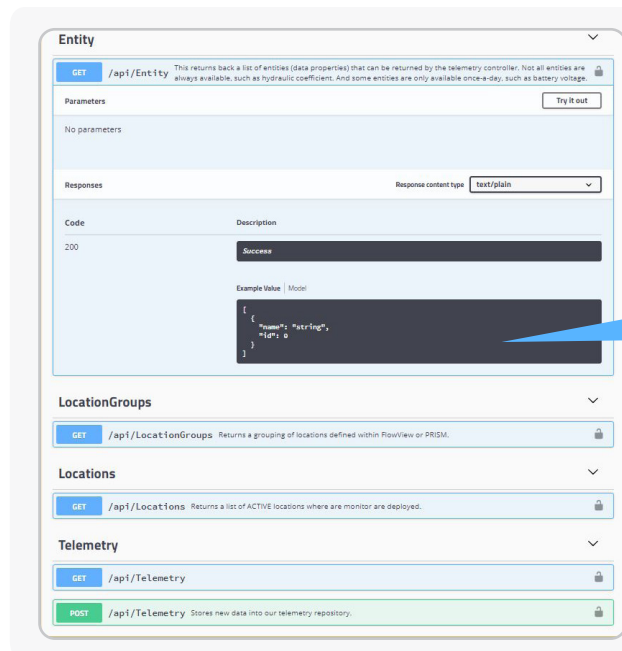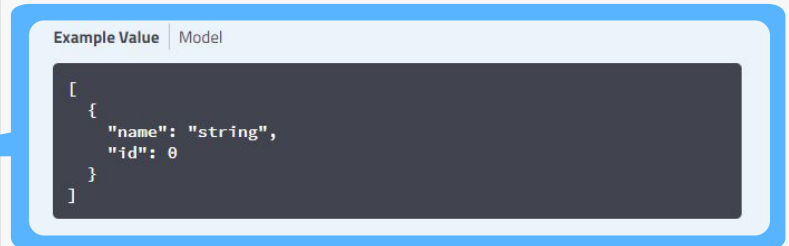## https://api.adsprism.com/swagger

Now that you are logged into our ADS API, you can look around the interface. On the bottom half of the API home page, you will see a series of drop-down menus.

Toggle the arrows to expand and hide each drop-down section as needed. Each section highlights a different function in the API.

Additionally, click "Get" data from the API.

API Purchasing Options

PRISM™

Paid PRISM Subscription

Get full access to the premier collection management system, PRISM.
Full access to export and import data.

ADS API

Flat Fee Pricing Per Project

Purchase API Capabilities separate from PRISM. We have bundled prices set to suit your projects and informational needs.

Talk to a Trained Representative:
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