

Developing with CAT APIs: Getting Started

Caterpillar and our customers help shape the world, and for the past 20 years, we have been leaders in merging the digital and physical in construction, mining, marine, rail, and power.

With almost one million connected assets worldwide, we're expanding our digital platform with new applications, micro services, advanced analytics and AI capabilities to help our customers build a better world.

We've streamlined our data infrastructure using the latest cloud technologies and built common services across the equipment lifecycle (purchasing, owning, operating and servicing) to help you accelerate application development. Now, these services are available to you through the Digital Marketplace.

Develop with CAT

Browse the [API Explorer](#) to learn more about the services available. When you are ready to leverage these APIs in your applications, click on the 'subscribe' button to request access.

The screenshot shows the CAT API Explorer web interface. At the top, there is a navigation bar with the CAT logo, 'APPLICATIONS', 'APIs', 'KNOWLEDGE HUB', a search icon, 'Development Guidelines', and a user profile icon. The main heading is 'API Explorer'. Below the heading, a text block states: 'The CAT Developer Portal is a single safe source to access your fleet's machine data. CAT APIs enable you to securely access data from the multi OEM fleet deployed at your worksite. Click on any of the API products from the catalog below.' A search bar labeled 'Search Products' is positioned above a grid of nine API product cards. Each card features a gear icon, a title, a brief description, and a 'Subscribe' button. The products listed are: 'Aftermarket Prioritized Service Events Unite', 'Authorization Management System', 'Basic Daily', 'ISO 15143-3 (AEMP 2.0) API', 'MyUsed.cat.com', 'Parts.cat.com - Cart Import', 'Cat Productivity SiteManagement', 'Cat Wear Management System', and 'Customer Value Agreements (CVAs)'. At the bottom of the page, it indicates 'Viewing 13 - 16 of 16' items, a pagination control showing page 2 of 2, and 'Items per page 12'. A 'Contact Support' button is located at the bottom left.

Don't know where to start?

Check out our fleet telematics API. [ISO 15143-3](#) (previously referred to as AEMP 2.0) provides a snapshot view of a fleet or an individual piece of equipment. This new API provides key data elements for managing a fleet of assets utilizing a common, OEM agnostic, industry standard to accelerate integration into your applications.