

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 displays the CAT API Explorer interface. At the top, there is a navigation bar with the CAT logo, 'APPLICATIONS', 'APIs', and 'KNOWLEDGE HUB' tabs. A search icon and a 'Development Guidelines' button are also visible. The main heading is 'API Explorer'. Below this, 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 present. The main content area features a grid of nine API product cards, each with a gear icon, a title, a brief description, and a 'Subscribe' button. The cards are: 1. 'Aftermarket Prioritized Service Events Unite' (3rd version of APIS named Aftermarket Prioritized Service Events Unite). 2. 'Authorization Management System' (AMT project enables visibility of customer digital authorization decisions). 3. 'Basic Daily' (Basic Daily APIs consist of three different APIs: Diagnostic, Fuel and SIMULOC (Hours and Location)). 4. 'ISO 15143-3 (AEMP 2.0) API' (Caterpillar is pleased to announce the release of the new ISO 15143-3 (AEMP 2.0) API for dealer and customer consumption). 5. 'MyUsed.cat.com' (Suite of digital tools that enable dealers to manage and market their used equipment for sale). 6. 'Parts.cat.com - Cart Import' (Imports carts to parts.cat.com (PCC). User must finalize the Import within PCC user interface). 7. 'Cat Productivity SiteManagement' (The CAT Productivity Site Management API allows you to fetch the asset cycles productivity data grouping by day and serial number by default). 8. 'Cat Wear Management System' (The Cat Wear Management System Partner API is a counterpart to the Cat Wear Management System). 9. 'Customer Value Agreements (CVAs)' (CVAs emphasize the expanded value for customers and adds new, meaningful customer touchpoints across an asset's entire lifetime). At the bottom, there is a 'Viewing 13 - 16 of 16' indicator, a pagination control showing '1' and '2', and an 'Items per page 12' dropdown. 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.