

Trimble Agriculture Cloud enhances API accessibility to farmers

11 August 2023 | News

Expanded API Creates Additional Data Exchange Capabilities for Connected Devices



Expanded API Creates Additional Data Exchange Capabilities for Connected Devices

Trimble, the cloud-based data management agritech company has released a flexible API for its Trimble Agriculture Cloud application, an industry cloud that streamlines farming operations. The enhanced accessibility of the API represents the next evolution of connectivity for agriculture integrators by coupling in-field devices and operational workflows for enabling compatibility with both Trimble and third-party agriculture applications.

As part of its focus to provide precision agriculture technology for mixed fleets, Trimble has created a path to enable broad compatibility that seamlessly connects local, regional and national applications to Trimble equipment in the field, as well as the data it collects. Trimble aims to help farmers work more efficiently through data-driven farming practices and decision support tools.

API capabilities include farm setup, task records and recommendations, materials, vehicle setup, work orders, harvest and crop zones activities. Through the combination of software and hardware, Trimble enables integrators to create value for farmers and their partners, including consultants, agronomists, custom applicators and more, by facilitating workflows that leverage connectivity to the machine in the field, improving the overall crop production process.

The Trimble Agriculture Cloud helps farmers execute workflows with greater accuracy, more efficiency and fewer errors while driving sustainability. It also centralizes data needed for compliance and regulatory requirements. For integrators, access to the Trimble Agriculture Cloud's API enables third parties to connect to the Trimble platform and its key workflow applications, including Trimble Ag Software, Trimble Ag Mobile and the Precision-IQ field application, expanding the value of the solutions they offer.

With the recent update of the Trimble Agriculture Cloud, the most common API workflows available to third-party integrators address the majority of applications on the farm, including:

- Accessing Trimble display as-applied data in third-party applications for productivity analysis and regulatory compliance
- Sending prescriptions to and from third-party applications to Trimble displays
- Aligning field resources such as boundaries, guidance lines and landmarks between connected third-party applications and Trimble displays for in-field execution

Dave Britton, vice president of Product Management, Trimble Agriculture. "Enabling farmers to complete workflows that involve solutions from multiple technology providers is critical, especially in cases where third-party applications address unique regional farming practices. With this in mind, we created the Trimble Agriculture Cloud and an expanded, flexible API to establish a place where integrators could easily connect and share data, regardless of brand."