

Product Bulletin

Infrakit ISO/TS 15143-4 Worksite Data Exchange integration with Trimble WorksManager Pro software

Summary

Trimble Connected Community (TCC) has been deprecated. Trimble now provides an implementation of [ISO/TS 15143-4 Worksite Data Exchange](#) within Trimble® WorksManager Pro software that supports Infrakit customers moving forward.

Infrakit customers may continue using supported Trimble devices within the Infrakit Office project tracking system as described in this bulletin.

This feature is live in WorksManager Pro on June 22, 2026.

A Trimble WorksManager Pro customer must enable the ISO integration with Infrakit within their WorksManager account. This document provides instructions for doing that.

Background

[Infrakit](#) is a cloud-based civil construction project site management system that enables the visualization of a variety of machine control systems and devices. Many Trimble devices are enabled for display and tracking within the [Infrakit Office](#) solution.

The method that Infrakit integrates Trimble devices has changed from using Trimble Connected Community (TCC) FTP credentials to using a new ISO technical specification that has been created through an industry working group with active Trimble participation. This new ISO integration standard will help increase the compatibility of a growing array of mixed fleet machine control devices within projects and site management systems.

Trimble WorksManager Pro customer requirements

- Customers must have an active WorksManager Pro (or Pro trial) subscription.
- Customers must have an active Infrakit subscription.
- The link between the customer's Infrakit project and Worksmanager project must be set up in Worksmanager by creating a vendor project.
- The WorksManager project must be a Pro project.

Known Limitations

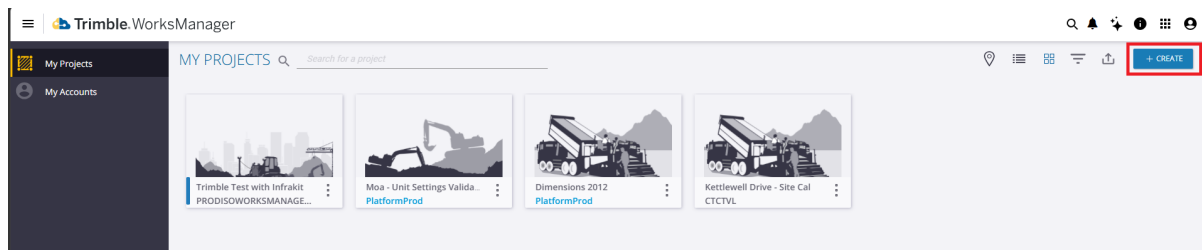
- The only supported devices are Trimble Earthworks grade control platform with version 2.18 or later
- Trimble GCS900 grade control system data is not supported using the ISO integration method
Non-ISO/proprietary design files cannot pass through the ISO pipeline — everything must conform to defined schemas per the ISO standard which means designs must be in LandXML
- Road designs (stringlines): Trimble Earthworks v2.18 won't support ISO LandXML stringline + surface structure. It is possible to use Trimble Business Center to convert to the vcl or svd/svl formats.
- The coordinate system must be set manually at this time.

Steps for setting up a Trimble and Infrakit Integration

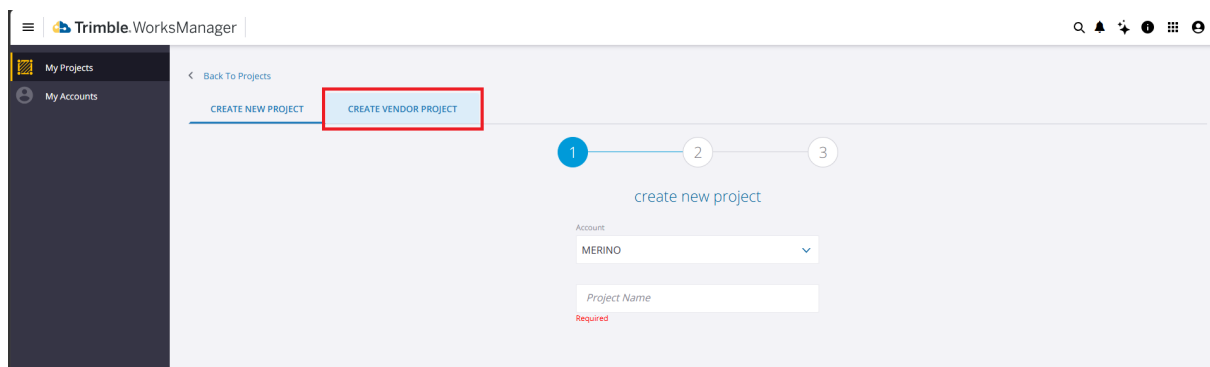
A user must have an account admin role to create a vendor project.

1) Create a vendor project

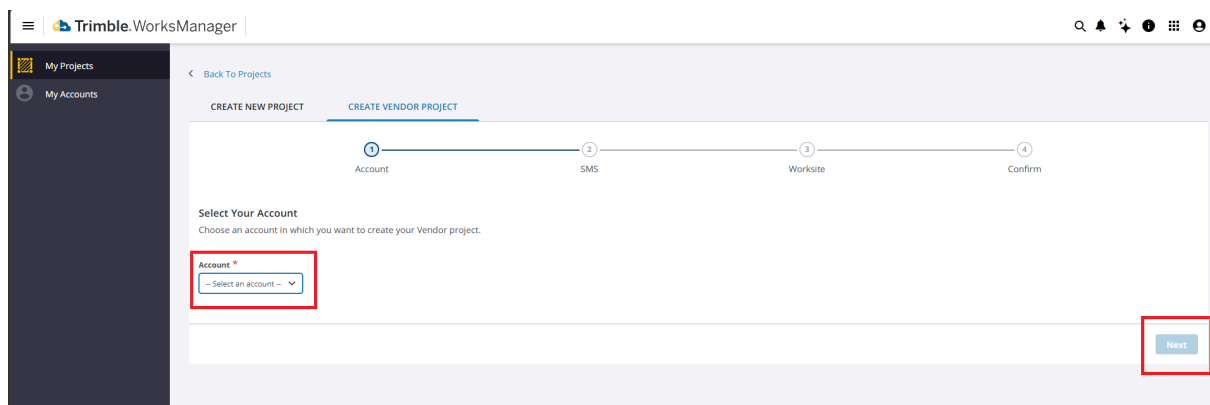
Select **Create** on the My Projects view



Select **'CREATE VENDOR PROJECT'**



If the user belongs to more than one Worksmanger account then they must **select the specific account** they want the vendor project created in.



Select Infrakit as the Site Management System

The screenshot shows the 'CREATE VENDOR PROJECT' wizard in Trimble WorksManager. The progress bar indicates the following steps: 1. Account (completed), 2. SMS (current step), 3. Worksite, and 4. Confirm. Under the heading 'Select Your Site Management System', the instruction reads: 'Choose your Site Management System that will manage the Vendor project.' A red box highlights the 'INFRAKIT' option, which is preceded by a red 'X' icon. At the bottom right, the 'Next' button is highlighted with a red box.

Login to Infrakit when redirected.

Select the Infrakit worksite (project) that will be used.

The screenshot shows the 'Link Your Worksite' screen in Trimble WorksManager. The progress bar shows: 1. Account (completed), 2. SMS (completed), 3. Worksite (current step), and 4. Confirm. The instruction reads: 'Choose an existing worksite from your Site Management System to link with the Vendor Project.' Below this is a table with a search bar and a 'Page View' dropdown set to 5. The table contains one entry, 'Trimble Test', which is highlighted with a red box. The 'Next' button at the bottom right is also highlighted with a red box.

Name	Description	Owner	Created Date (UTC)
☐ Trimble Test		Trimble Inc	Jun 10, 2026

Provide required project configuration information.

The screenshot shows the 'Create Vendor Project' form in the Trimble WorksManager interface. The form is part of a multi-step process, with 'Account' and 'SMS' completed, and 'Worksite' and 'Confirm' pending. The 'Create Vendor Project' section includes a 'Project Name' field with the value 'Trimble Test', a 'Description' field, and a 'Boundary' map. The map shows a residential area with the text 'No project boundary' and a blue triangle icon. Red arrows point to the 'Project Name' and 'Description' fields, and a red box highlights the blue triangle icon on the map.

Trimble WorksManager

My Projects

My Accounts

Back To Projects

CREATE NEW PROJECT

CREATE VENDOR PROJECT

Account SMS Worksite Confirm

Create Vendor Project 30 Enabled

Review and confirm the worksite details obtained from the Site Management System.

Account

MERINO

Project Name * •

Trimble Test

Description * •

Boundary * •

No project boundary

Trimble

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After adding the boundary, select 'Complete'.

The screenshot shows the 'Complete' button in the Trimble WorksManager interface. The button is highlighted with a red box. The map above the button shows a residential area with a blue triangle icon.

Trimble

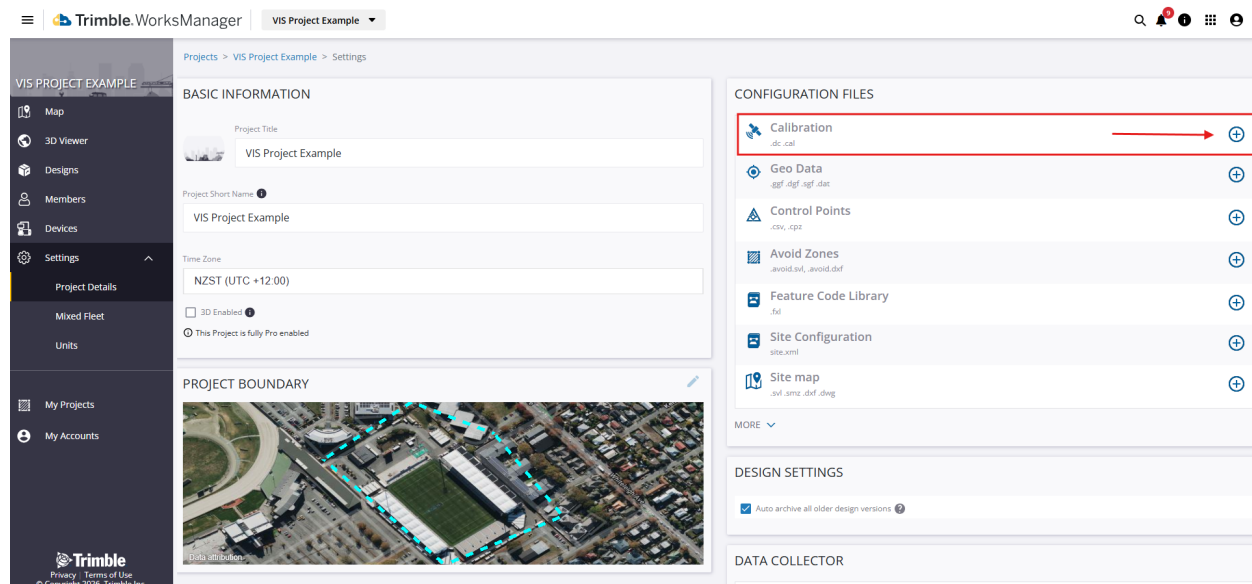
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Previous Complete

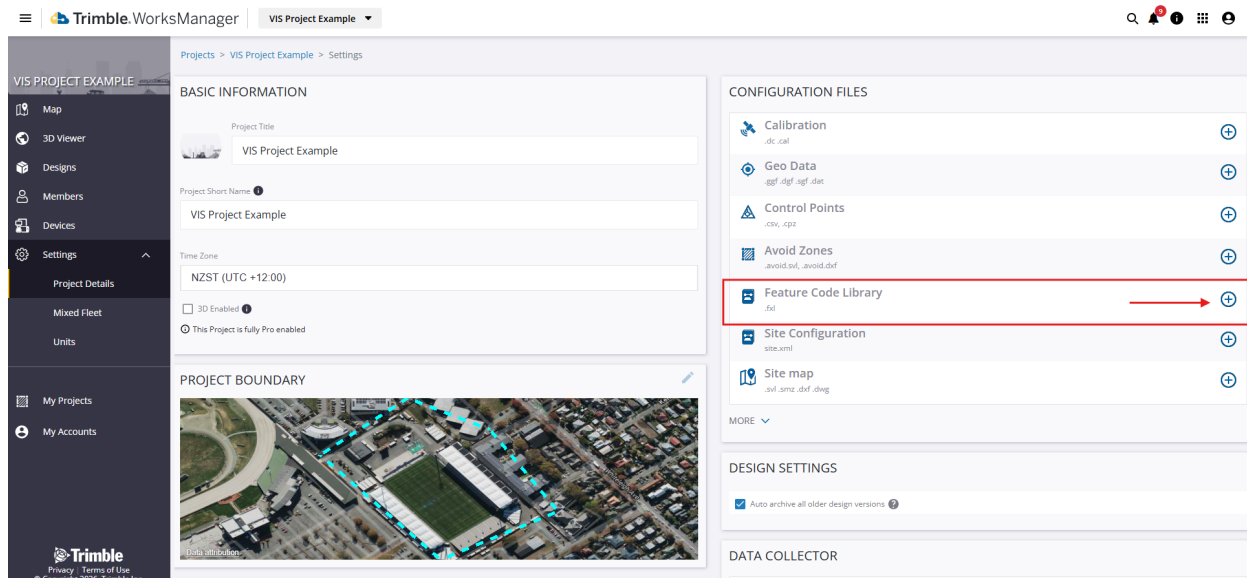
Requirements for assigning designs to Trimble Earthworks Devices using Infrakit

- Trimble Earthworks device must be added to the vendor project
- Trimble Earthworks device must be running version 2.18 or later
- DC/Cal file must be uploaded to Worksmanger



Requirements to receive survey points in Infrakit

- ISO Codelist added in Infrakit project
- Feature codes added in Worksmanger project or on a Trimble Earthworks device
Contact support@infrakit.com for help with this
- DC/Cal file must be uploaded to Worksmanger



FAQ

Why is this change taking place?

Integration with Infrakit has previously used Trimble Connected Community (TCC) user credentials. Trimble TCC was fully deprecated (service was discontinued) as of June 15, 2026 with WorksManager as the intended replacement. The discontinuation of TCC required a replacement integration method for Infrakit. Using the new ISO standard for this form of integration was identified as the most future-oriented approach.

What is ISO/TS 15143-4 Worksite Data Exchange?

ISO standards are developed and maintained by a cross-section of industry representatives for the purpose of aligning on specific standards and business requirements. The purpose of establishing this standard, in cooperation with a broad representation of industry stakeholders, including Trimble, is to align on data standards and methods for sharing data and design information for a project, regardless of the specific make of the machine control systems being used on the project.

The standard contemplates two primary consumers of the ISO data: Site Management Systems (such as Infrakit or WorksManager) that help visualize project data provided by devices, and machine control system providers, referred to as VIS (Vendor Information Systems), for the purpose of making their data consumable and interoperable with a broader range of other devices and site management systems.

Why can't I just continue using my TCC FTP credentials to integrate with Infrakit?

TCC was discontinued for several important reasons, and replaced with WorksManager. This required that a new integration method was deployed between Infrakit and Trimble. The most forward-thinking approach was to use the new ISO standard which was designed and launched specifically for integration contexts like this.

Who else is using the ISO/TS 15143-4 Worksite Data Exchange standard?

A fairly broad group of machine control manufacturers and site management software providers are actively working to adopt integration possibilities using this new ISO standard. Over time more vendors will implement Site Management Systems and/or Vendor Integration Systems depending on the orientation of their products. As additional manufacturers and software providers adopt the ISO integration standard, Trimble will support integration with these vendors as well.

What is a Site Management System?

A Site Management System is customer facing software that is used to manage a project (site) using a variety of machine control systems brands and devices (such as in-field survey systems). WorksManager is a Trimble Site Management System. Vendor Integration Systems share their assets and devices to the Site Management System.

What is a Vendor Integration System

A Vendor Integration System is provided by a hardware and/or software vendor such as Trimble, Caterpillar, TopCon, Leica, Infrakit etc. These systems can contribute assets and devices from such vendors into the Site Management System implemented by another vendor (such as Trimble WorksManager) to be used as a mixed fleet for operation within a construction site or project.

Get help and more information

For more information contact your Trimble channel performance manager or sales representative.

For Infrakit assistance contact support@infrakit.com