

Release Notes

Trimble WorksManager

Q1 - Q4 2023

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New & Improved

This WorksManager release includes these new features and enhancements:

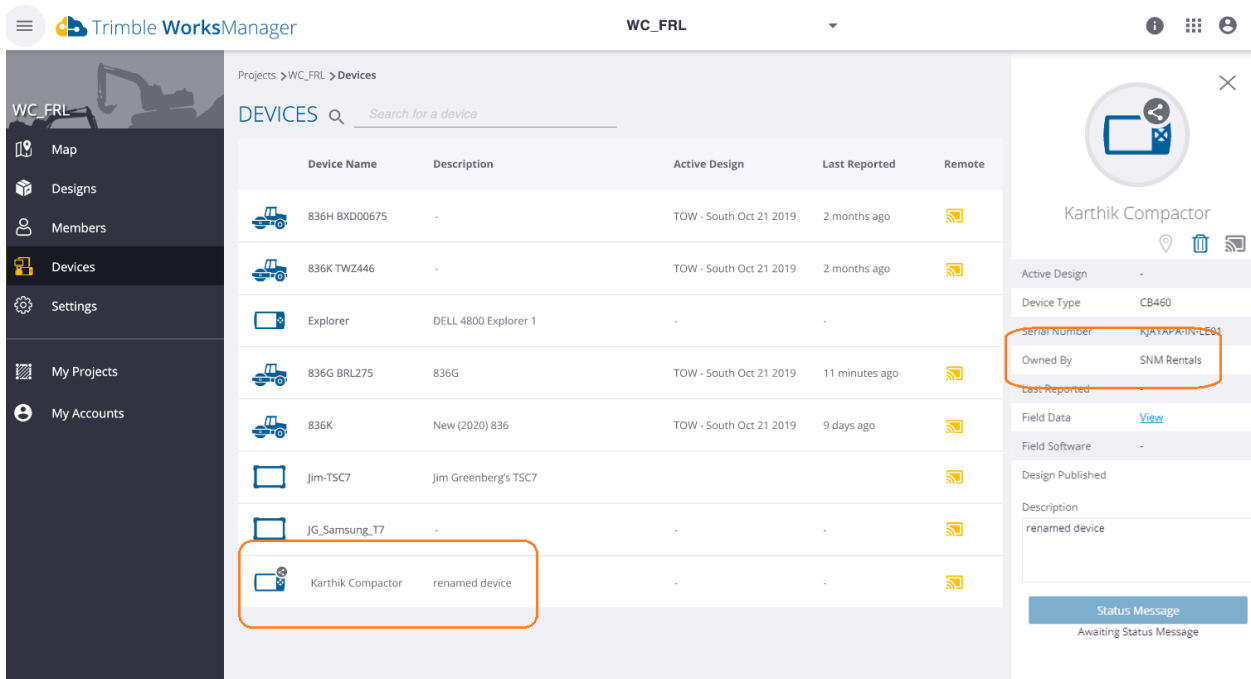
Features

Share devices with partner accounts

Before, there was no easy way to work with devices from a different account in your project. Introducing 'shared devices' feature which gives you 'the ability to invite devices from different accounts into a single project for easier project management'. The workflow involves 3 basic steps:

1. Invite a partner account
2. Share devices with the partner account
3. Assign shared devices into the project.

From there on, the shared device behaves very similar to an owned device, and the project manager can then easily share data to and from the shared device in the field. For further details, [read the blog article](#) here.



The screenshot displays the Trimble WorksManager interface. The main view shows a list of devices under the heading 'DEVICES'. The table below contains the following data:

Device Name	Description	Active Design	Last Reported	Remote
836H BXD00675	-	TOW - South Oct 21 2019	2 months ago	
836K TWZ446	-	TOW - South Oct 21 2019	2 months ago	
Explorer	DELL 4800 Explorer 1	-	-	
836G BRL275	836G	TOW - South Oct 21 2019	11 minutes ago	
836K	New (2020) 836	TOW - South Oct 21 2019	9 days ago	
Jim-TSC7	Jim Greenberg's TSC7	-	-	
JG_Samsung_T7	-	-	-	
Karthik Compactor	renamed device	-	-	

The 'Karthik Compactor' device is highlighted with an orange box. A detailed view of this device is shown on the right side of the screen. The 'Owned By' field is highlighted with an orange box and contains the text 'SNM Rentals'. Other fields visible include 'Device Type: CB460', 'Serial Number: KJAYAPAC11C681', 'Last Reported', 'Field Data', 'Field Software', 'Design Published', and 'Description: renamed device'.

Enhanced communication with field systems

WorksManager and Trimble Earthworks 2.14 supports new enhanced communication channels. This new functionality uses bidirectional real time communication to deliver project settings and designs to devices, and enables the device to transmit the status back to the office. Having a bidirectional communication channel enables users of WorksManager to view the status of project settings and designs for supported devices, without having to contact the operator.

The screenshot displays the Trimble WorksManager interface. The top navigation bar shows 'Trimble WorksManager' and 'LandXML Testing'. The main content area is titled 'DEVICES' and contains a table with the following data:

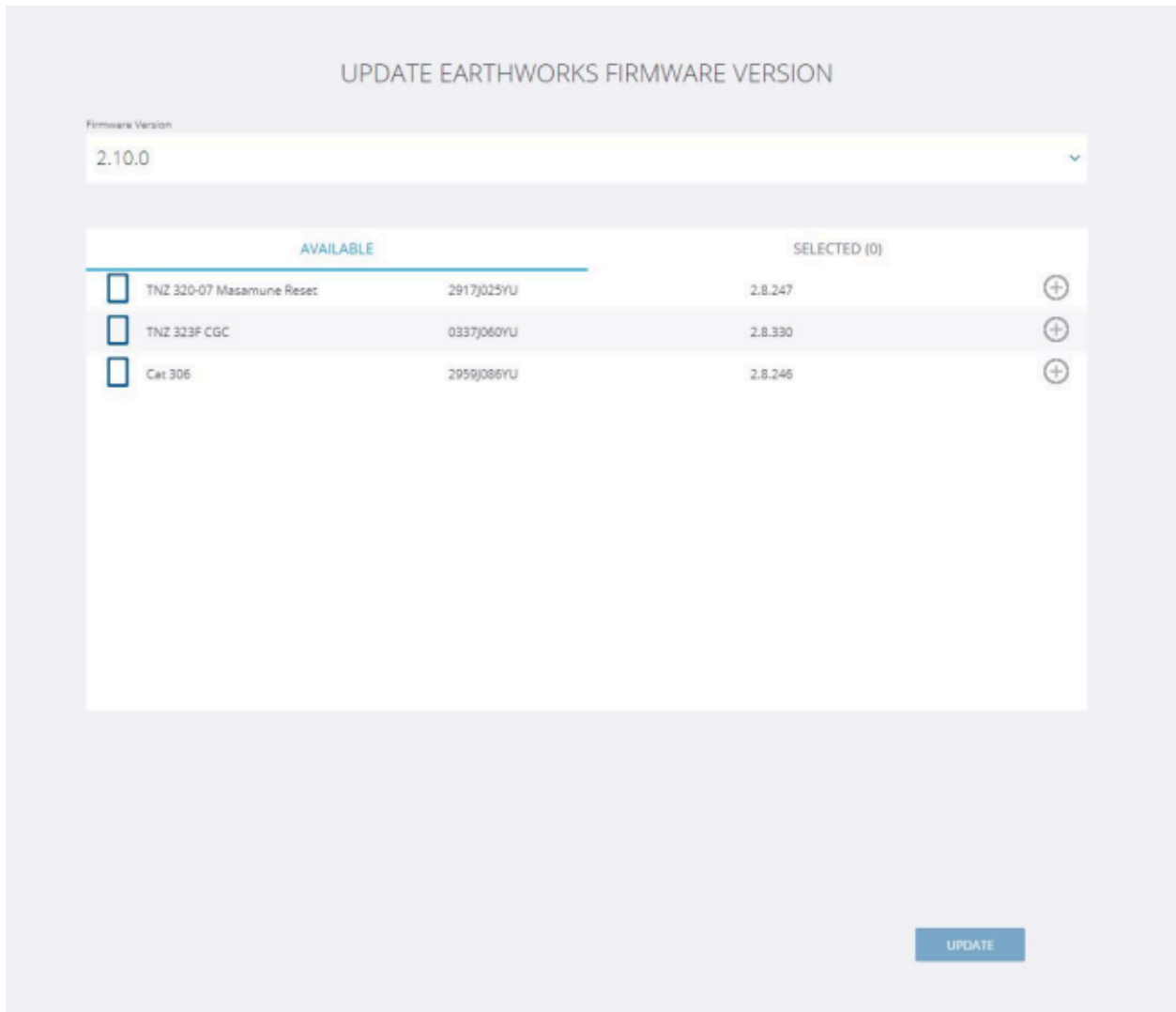
Device Name	Description	Active Design	Last Reported	Remote
308	WCO 308 pw 1234	TestPadSurface.V01	a few seconds ago	
Cat UTV Compactor	pw 1234	Cherry St - South XML	18 hours ago	

On the right side, a detailed view of the device '308' is shown. The device type is 'EC520' and the serial number is '2383J093YU'. The last reported time is 'Aug 1, 2024 3:59 am'. The field data is 'View'. The field software is '2.18.0'. The warranty date is 'Jun 6, 2029'. The design published count is '5' and the project setting files count is '2'. The description is 'WCO 308 pw 1234'. There is a 'Status Message' button at the bottom.

For full details, [read the blog article](#) here.

Over the Air Firmware Updates

You can now push EC520 firmware from the office to the field remotely via WorksManager. You can push to multiple machines at once, and the operator can choose to install immediately, or upon the next power cycle. This is available for upgrades only, and not downgrades.



For full details, [read the partner document](#) here.

Sort

The wait for this long-pending feature is over. You can now sort any page in WorksManager across any columns, ascending or descending. Started as an incremental/iterative exercise with a few screens, the feature is now available across all the screens.

The screenshot displays the Trimble WorksManager interface. On the left is a navigation sidebar with categories like TRIMBLEGS, Map, Details, Projects, Users, Devices, Partners, Internet Base Stations, My Projects, and My Accounts. The main area is titled 'MY DEVICES' and includes a search bar and a '+ ADD' button. A warning banner at the top indicates '163 of 163 Device Licenses Used'. Below this is a table of devices with columns for Device Name, Description, Last Reported, Status, and Remote. The 'Last Reported' column is circled in orange, highlighting the sorting feature. The table lists various devices such as 'UTS measured Hex 044 scaled', 'MPS566 EMEA Support', and 'Hitach ZX225USLC 504012 Galtec'. On the right side, there is a detailed view for the selected device, showing its status as 'Licensed', active project, device type, serial number, last reported time, field software version, warranty date, and available storage.

Device Name	Description	Last Reported	Status	Remote
UTS measured Hex 044 scaled	EMEA bench - pass AB	a few seconds ago	Licensed	
MPS566 EMEA Support	MPS566 EMEA Support...	a few seconds ago	Licensed	
R750 EMEA Support	R750 Raunheim, pass...	a few seconds ago	Licensed	
SPS855MK	pw trimble	a minute ago	Licensed	
R750MK	SPS750MK	a minute ago	Licensed	
Hitach ZX225USLC 504012 Galtec	ECS20-W-1147J020YU	4 minutes ago	Licensed	
Adams Emulator	KN13	2 days ago	Licensed	
LB220	Link-Belt 220 X4s	2 days ago	Licensed	
JD 650P Westy	650P pw 1234	4 days ago	Licensed	



Export

You can now export data from WorksManager across major pages. The data gets exported into a CSV format into the default 'Downloads' folder. You can open the .csv data in a notepad app, Google sheet or Microsoft Excel, as needed.

The screenshot shows the Trimble WorksManager interface. On the left is a navigation sidebar with categories like TRIMBLEGS, Map, Details, Projects, Users, Devices, Partners, Internet Base Stations, My Projects, and My Accounts. The main area is titled 'MY DEVICES' and includes a search bar and a '+ ADD' button. A yellow banner at the top indicates '163 of 163 Device Licenses Used' with an 'Export' button. Below this is a table of devices with columns for Device Name, Description, Last Reported, Status, and Remote. The first row is highlighted in blue. On the right, a detailed view for the device 'UTS measured Hex 044 scaled' is shown, including its status (Licensed), active projects, device type (EC520), serial number (0327J044YU), last reported time (Aug 5, 2024 3:56 pm), field software (2.14.3), warranty date (Jul 19, 2029), and available storage (1012.6 MB).

Device Name	Description	Last Reported	Status	Remote
UTS measured Hex 044 scaled	EMEA bench - pass AB	a few seconds ago	Licensed	
R750MK	SPS750MK	a few seconds ago	Licensed	
R750 EMEA Support	R750 Raunheim, pass...	a minute ago	Licensed	
MP5566 EMEA Support	MP5566 EMEA Support...	a minute ago	Licensed	
SP5855MK	pw trimble	a minute ago	Licensed	
Hitach ZX225USLC 504012 Galtec	EC520-W-1147J020YU	4 minutes ago	Licensed	
Adams Emulator	KN13	2 days ago	Licensed	
LB220	Link-Belt 220 X4s	2 days ago	Licensed	
JD 650P Westy	650P pw 1234	4 days ago	Licensed	



Add/remove columns dynamically

You can now customize the columns in the main list view as you want. You can add/remove columns, and/or move columns left/right as you prefer. You can also reset to the default settings, if needed.

The screenshot shows the Trimble WorksManager interface. On the left is a navigation sidebar with options like Map, Details, Projects, Users, Devices, Partners, Internet Base Stations, My Projects, and My Accounts. The main area displays a list of devices under the heading 'MY DEVICES'. A warning banner at the top of the list indicates '163 of 163 Device Licenses Used'. The device list has columns for Device Name, Description, Last Reported, Status, and Remote. On the right side, a 'Column Settings' panel is open, allowing users to select which columns to display. The 'Warranty Date' option is currently unchecked and highlighted with a red box. Other options include Device Name, Description, Last Reported, Status, Remote, Device Type, Shared Account, and Serial Number. A 'Reset' button is located at the bottom of the settings panel. The 'Column Settings' button in the top right of the device list is also highlighted with a red box.

Device Name	Description	Last Reported	Status	Remote
UTS measured Hex 044 scaled	EMEA bench - pass AB	a few seconds ago	Licensed	
R750 EMEA Support	R750 Raunheim, passw...	a few seconds ago	Licensed	
MPS566 EMEA Support	MPS566 EMEA Support...	a few seconds ago	Licensed	
SPS855MK	pw trimble	a few seconds ago	Licensed	
R750MK	SPS750MK	a minute ago	Licensed	
Hitach ZX225USLC 504012 Galtec	EC520-W-1147J020YU	4 minutes ago	Licensed	
Adams Emulator	KN13	2 days ago	Licensed	
LB220	Link-Belt 220 X4s	2 days ago	Licensed	
JD 650P Westy	650P pw 1234	4 days ago	Licensed	

Filter columns

You can now filter data in the main list view. You can filter across any columns from the info panel, apply changes, and then see the selected filter as chips above the list view. You can also easily remove the filter by closing the chips.

The screenshot displays the Trimble WorksManager interface. On the left is a navigation sidebar with options like Map, Details, Projects, Users, Devices, Partners, Internet Base Stations, My Projects, and My Accounts. The main area is titled 'MY DEVICES' and includes a search bar and a '+ ADD' button. A warning banner indicates '163 of 163 Device Licenses Used'. Below this, two filter chips are shown: 'Device Type: EC520' and 'Licensed Status: Licensed'. A table lists various devices with columns for Device Name, Description, Last Reported, Status, and Remote. On the right, a 'Filter Account Devices' panel is open, showing dropdown menus for Remote, Device Type (set to EC520), Device Shared Status, Last Reported, Start Date, End Date, Shared Account, Licensed Status (set to Licensed), and Warranty Date. The interface also features a 'Filter' button and a '+ ADD' button.

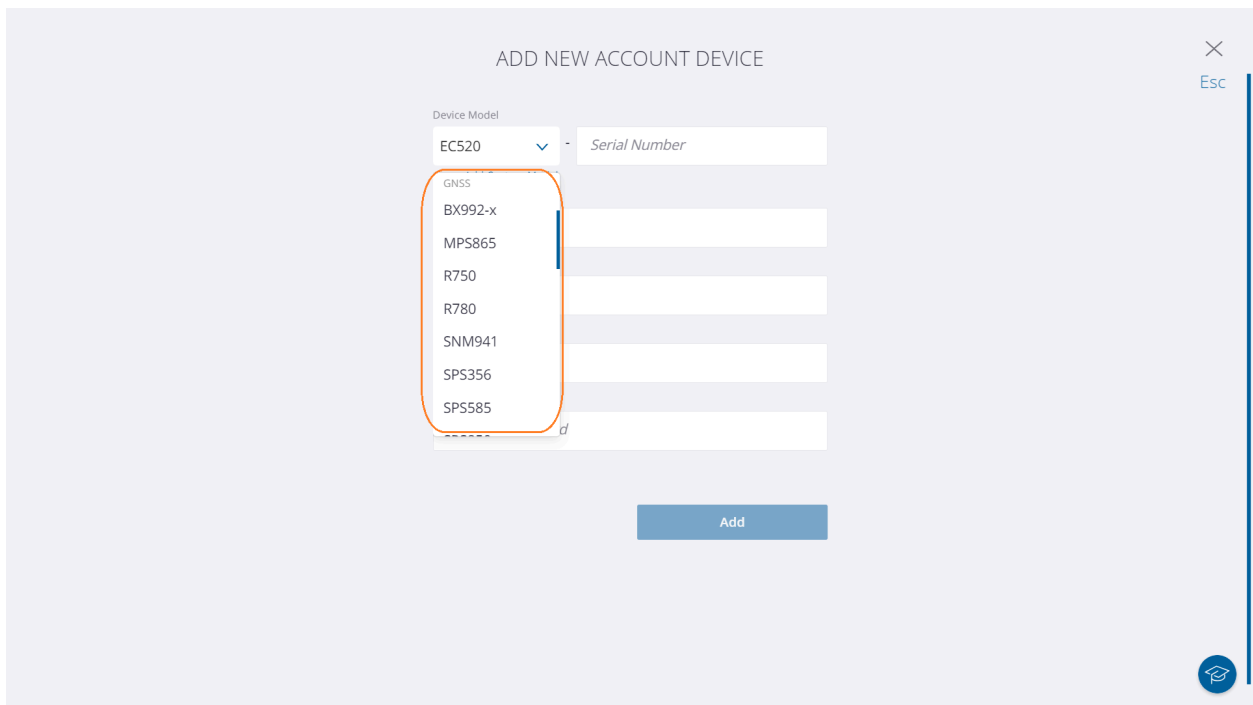
The three features export, add/remove columns, and filter columns are now available with

- My Accounts, My Projects pages,
- Account > Devices, Users, Projects pages at the account level, and
- Project > Designs, Devices pages at the project level.

Minor enhancements

View receiver models (additional)

You can now easily add devices of a few additional receiver models in WorksManager. In addition to the regular SPS models, R780, MPS865, SNM941, BX992-x, SPS356 have been added into the 'Device Mode' list in the Add New Account Device page. You can search by typing keywords in the model field, since the field is both a drop-down menu and a search field.



The screenshot shows the 'ADD NEW ACCOUNT DEVICE' form. The 'Device Model' dropdown menu is open, displaying a list of receiver models: GNSS, BX992-x, MPS865, R750, R780, SNM941, SPS356, and SPS585. The 'Serial Number' field is empty. An 'Add' button is located at the bottom of the form. The form is titled 'ADD NEW ACCOUNT DEVICE' and has a close button (X) and 'Esc' key indicator in the top right corner. A blue circular icon with a graduation cap is in the bottom right corner.

Software Communities and Resource Centers

[Here](#) you can find links to the WorksManager Community and other Trimble Community resources.