



UPDATE REGARDING LOGSTOR PRODUCT PROGRAM

It's once again time for new updates.

Below, please find our Product info No. 2 - 2024 with the following updates:

- WeldMaster & ShrinkMaster GPS logging update (LOGSTOR Connect App)
- BIM Models
- Grinding outside the sleeve rim when installing joints

Should you have any questions, please contact your usual LOGSTOR contact person or the undersigned.

Best regards
Kingspan LOGSTOR

Peter Jorsal

Product & Academy Manager



WeldMaster & ShrinkMaster GPS logging update (LOGSTOR Connect App)

Background:

We have received feedback from users and customers, that the GPS locations logged for installations conducted with the WeldMaster and ShrinkMaster tool in the LOGSTOR Connect app are inaccurate in some instances on Android and iOS devices.

We do of course take this feedback very seriously and have since then thoroughly tested the issue and been able to confirm it. Following our findings, we have been working on correcting the issue with an update to the backend system on Android and implemented new guidelines for both Android and iOS where the tools can now only be used if the app settings are set correctly. This has been done to ensure that you will always receive the most accurate reading of the GPS location when conducting an installation with our digital tools.

What does this mean for me?

After the latest update of LOGSTOR Connect, we will change the required app settings for the use of WeldMaster and ShrinkMaster as mentioned. Going forward the tools will only be able to be used with "Location" activated and "Precise location" turned on. If these settings are not setup for the app, users will not be able to start a welding in WeldMaster or create a new shrink in ShrinkMaster. The purpose of this change is to make sure that we always log the most precise location for your joint installations and support you in being able to locate them again at a later stage. This will also support users when using the InstallationPortal as they will have a much clearer picture of the actual locations of the installed joints in their network.

It is important for us to mention, that the change for the tools in LOGSTOR Connect works the same way as it always has on the PDA in terms of logging the GPS position. We need the LOGSTOR Connect app settings setup as mentioned to make sure we do not use any previously known locations known by the device, which can cause imprecise locations with large outliers as reported.

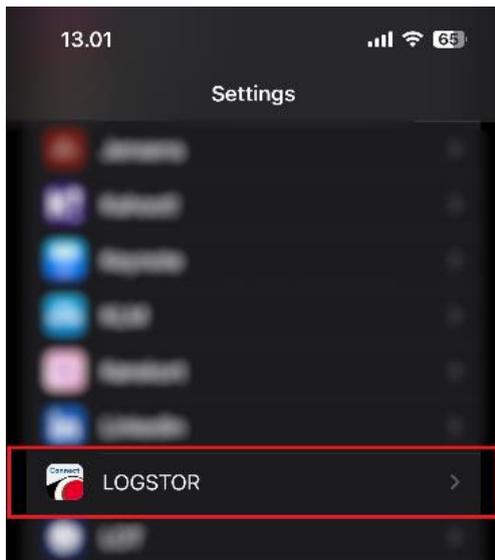
How do I setup my settings for the app correctly?

The app will notify you if your settings have not been set up correctly when initiating a welding or creating a shrink after the update has gone live. If your settings are incorrect, you will receive a notification pop-up where there is an option to go directly to the app settings to change them - supported with a short guide text. Should you choose to do it yourself manually, you can follow the instructions below.

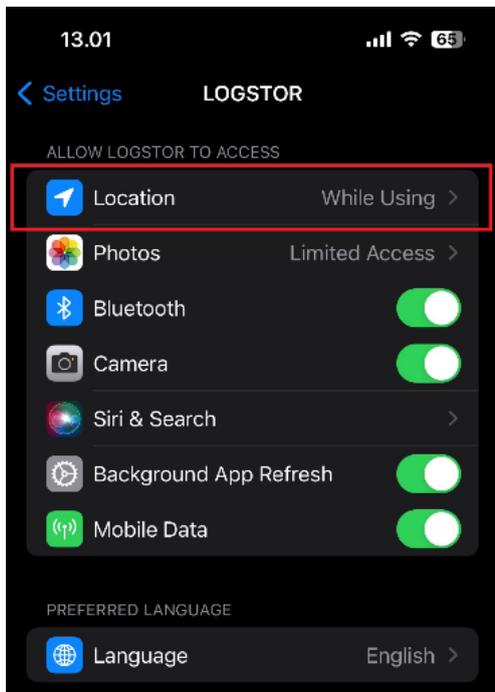
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iOS (Apple):

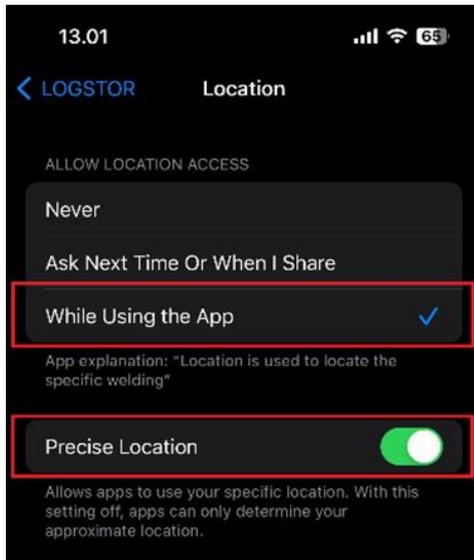
1. Go to your device "Settings" and scroll down until you find "LOGSTOR" in your list of apps. Click the "LOGSTOR" app.



2. Click "Location" at the top of your app settings.

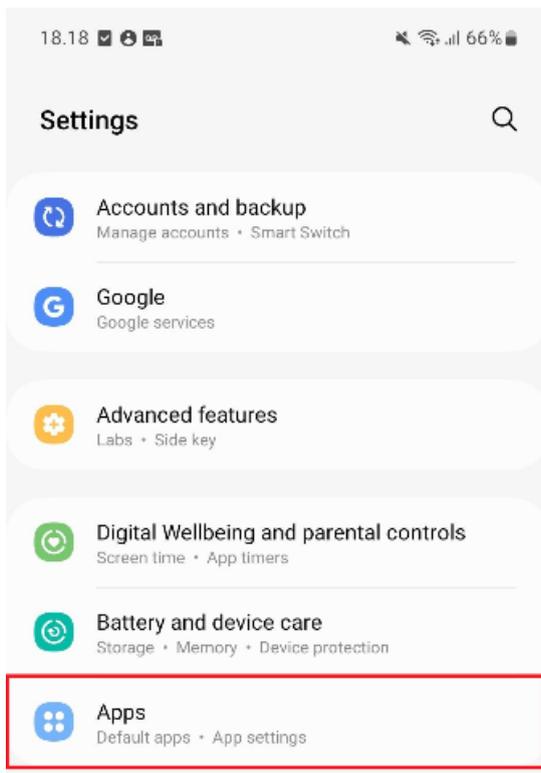


3. Select "While Using the App" and make sure "Precise Location" is toggled to "On", and you are good to go.

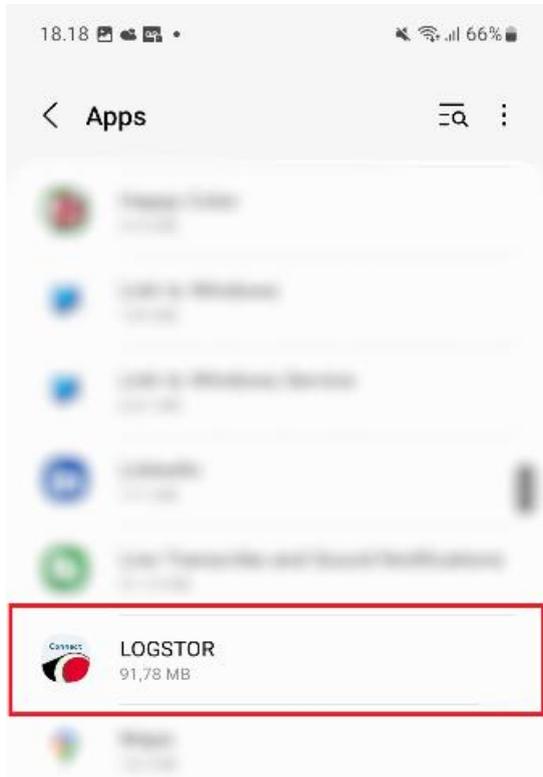


Android:

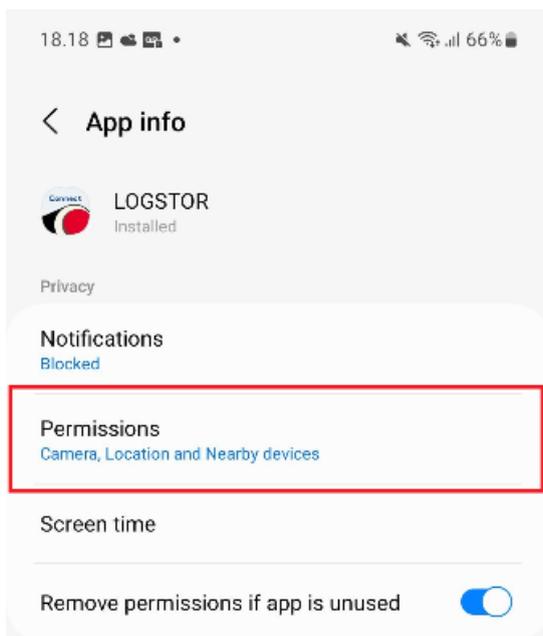
1. Go to your device "Settings" and select "Apps".



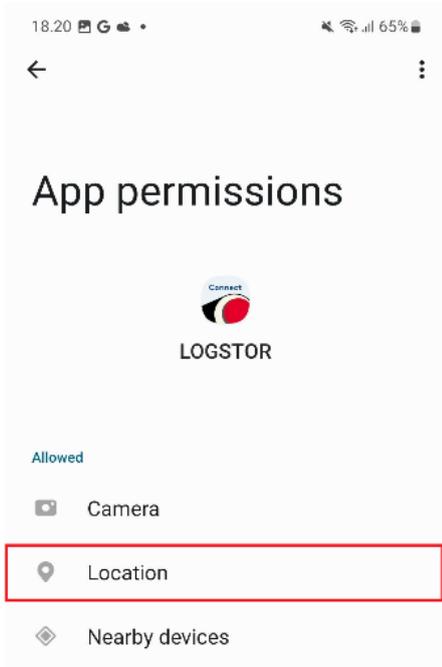
2. Locate the "LOGSTOR" app and click it.



3. Click "Permissions" in the app settings (skip to next step if you do not have "Permissions" in your app settings).



4. Click "Location" in the app settings.



5. Select "Allow only while using the app" and make sure "Use precise location" is toggled to "On", and you are good to go.



Usually, you will find that the general "Location Services" for the device are turned on, but if they should be turned off you will have to activate these as well. The app will similarly notify you if this is the case and provide you with an option to bring you exactly where you need to turn the "Location Services" on in your settings.

Remarks

We hope this will not cause any inconvenience for you, but should it be the case, you are always welcome to reach out to us. We really do appreciate your feedback and keep working on creating the best possible digital products to ensure safe, accurate, and correct installations of joints in your network.

Thank you for your understanding.

BIM Models

Background:

We have introduced BIM models for selected products within our product range.

BIM (Building Information Modeling) is the foundation of digital transformation in the architecture, engineering, and construction (AEC) industry. The primary concept behind BIM is to speed up the design process through the utilization of 3D BIM models. These models include not only the geometric data of a product but also all the necessary associated information (e.g. material types, operational details, etc.), which can be used during the design process of your district heating network projects. By integrating all these elements into a single, coherent model, BIM facilitates improved collaboration among customers and designers, reduces the risk of errors, and enhances the efficiency and accuracy of the entire design and construction process.

What products are available?

As part of our release the following products are available:

Single pipe system:

- Bonded Single Pipe Straight (Component 2000)
- Preinsulated Bend 90° (Component 2500)
- Preinsulated T-piece 90° (Component 3600)
- Preinsulated T-piece 45° (Component 3500)
- Preinsulated T-piece Straight (Component 3400)
- Preinsulated T-piece with Service Valve (Component 3400)
- Isolation Valve (Component 4200)
- Isolation Valve with 1 Service Valve (Component 4220)
- Isolation Valve with 2 Service Valves (Component 4240)
- Preinsulated Reduction (Component 4900)
- Preinsulated Anchor Point (Component 4000)

TwinPipe system:

- Bonded TwinPipe Straight (Component 2090)
- Preinsulated Horizontal Bend 90° (Component 2590)
- Preinsulated Vertical Bend 90° (Component 2591)
- Preinsulated T-piece Straight (Component 3490)

How does it work?

Go to our landing page: <https://www.logstor.com/service-support/tools/logstor-bim-models>, click the link to the 3rd party website via the button below the headline, and create a user if you expect to download the BIM drawings (a user is only necessary for file download and updating 3D models if variant specifications has been modified).

From here, choose a system and select the product you would like to view. You will now see a technical specification of the selected product and a 3D model. There are selected technical specifications that can be modified to view the product as different variants - for instance if you would like to see the product in a specific series or dimension (options are only available according to our standard product specifications). The 3D drawing can be updated to align with your new inputs by clicking on it, but only if you have created a free user as mentioned previously.

The screenshot displays the LOGSTOR BIM platform interface. On the left, a table lists technical specifications for a 'Parallel Tee 90°' product. The table includes fields for Company, Description, Bill of material, BIMAOA, BIMPG, BIM1, BIMIS, DN1, DN2, BIMDS, BIMSAPI, LODLEVEL, BIMMPD, and BIMMPWT. The right side of the interface shows a 3D model of the product, with various view options (3D, 2D) and a 'Download CAD' button. The interface also includes a navigation menu, a search bar, and a user profile icon.

Field	Value	Unit
Company	LOGSTOR	
Description	Parallel Tee 90°	
Bill of material	T-piece 90° DN50xDN50 Series 3 Nordic LOGSTOR	
BIMAOA Area of Application	District heating	
BIMPG Product Group	Fittings	
BIM1 Insulation type	PUR/CP	
BIMIS Insulation series	Series 3	
DN1 Media pipe DN size	50	
DN2 Branch pipe DN size	50	
BIMDS Detection System	Nordic	
BIMSAPI Material number	36170060004661	
LODLEVEL Level of detail	High	
BIMMPD Media pipe diameter	60	mm
BIMMPWT Media pipe wall thickness	2.90	mm

From here you can:

- Review the 3D model with different view options (model shading, model direction, cut, measuring grids, zoom options, etc.)
- Download the 3D model in different file formats (.dwg, .pdf, etc.)
- View the 3D model in 2D
- Request a quote for the specified product in the "Quotation"-tab
- Locate a LOGSTOR employee to answer any questions in your local area

Value for customers:

- Receive a clear visual representation of our products
- Support in making more informed decisions and minimize risks during planning, design, project execution, and renovation
- Review real time product information according to specifications
- Increased transparency
- Meet compliance and legal requirements
- Improve and facilitate collaboration

Implementation:

The new BIM platform has already been implemented and can be found on our website via the following link: <https://www.logstor.com/service-support/tools/logstor-bim-models>.

If you have any questions, please feel free to contact: logstor.bim@kingspan.com.

Grinding outside the sleeve rim when installing joints

Background:

Today, we write the following about grinding outside the sleeve rim:

Handling & Installation Manual (Shrinkable joints):

4. Grind the contact surfaces of the shrink sleeve with emery cloth, so grind marks are visible outside the sleeve rim (This enables visual control of the grinding by the inspection).

Installation Manual for Weld Joints:

Grind extra 20 mm of the contact surfaces of the outer casing outside the rim, so it is evenly matt and rough. This enables visual inspection of the activation by the supervisor.

Change:

We will change the instructions in the Handling & Installation Manual and the Installation Manual for Weld Joints so that grinding shall be 30 mm outside the sleeve rim.

This will be in compliance with the future European standards about qualifying joint fitters.

Implementation:

Above will be implemented now. However, there will be a period where it must be acceptable to grind according to present instructions in the Handling & Installation Manual and the Installation Manual for Weld Joints.

The Handling & Installation Manual and the Installation Manual for Weld Joint will be updated as soon as possible.

We will start to follow above in our Academies from now.

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