

## Release Notes - Prowise Central 4.1.1 PWT, TS One, TS Ten

### 1.0 Release schedule

- Internal release Central 4.1.1 (PWT, One, Ten)
- Partner release Central 4.1.1 (PWT, Ten)
- Partner release Central 4.1.1 (One)
- Limited release Central 4.1.1 (PWT, One, Ten)
- Full release Central 4.1.1 (PWT, One, Ten)

### 1.1 General info and screen type support

In this release we provide an update to the existing Prowise Central solution for our Central enabled Touchscreens. For the following screen types and numbers the update will be made available as an “Over-the-Air”-image (OTA) update:

<b>Prowise Touchscreen Ten (TS Ten)</b> <i>fw: 1.0.37</i> <i>build version: 1.0.37_202205311508</i>	<b>Prowise Touchscreen (TS One)</b> <i>fw: 1.1.0</i> <i>build version: 1.1.0_202205311502</i>	<b>Prowise Touchscreen G1 (PWT)</b> <i>fw: 2.2.79</i> <i>build version: 2.2.79_202205311459</i>	<b>Prowise Touchscreen G2 (PWT)</b> <i>fw: 2.2.79</i> <i>build version: 2.2.79_202205311459</i>
PW.1.17055.****	PW.1.16065.0001	PW.1.15055.0001	PW.1.15055.1001
PW.1.17065.****	PW.1.16075.0001	PW.1.15065.0001	PW.1.15065.1001
PW.1.17075.****	PW.1.16086.0001	PW.1.15075.0001	PW.1.15075.1001
PW.1.17086.****		PW.1.15086.0001	PW.1.15086.1001



## 1.2 New features

Feature	Description
ProNote	<ul style="list-style-type: none"> <li>- Background grids and lines can now be zoomed using a zooming factor</li> <li>- New grid backgrounds</li> <li>- Re-styled toolbar icons</li> <li>- In the "Penmode" view it is now made clear which penmode is selected</li> <li>- Compass mini tool</li> <li>- Adjustable thickness factor for the pen and marker tools</li> <li>- Palm rejection when writing (TS Ten only, beta feature)</li> <li>- Ability to use the compass tool with both the pen and marker tool</li> </ul>
Setupwizard	<ul style="list-style-type: none"> <li>- Setup wizard now shows install progress for the default apps during first startup</li> <li>- The default apps will now be installed faster</li> <li>- Updated Prowise Browser version to be installed by default</li> </ul>
Prowise Central UI	<ul style="list-style-type: none"> <li>- Updated and corrected translations</li> <li>- Close quick menu when touching the screen</li> <li>- Re-styled quick-menu icons</li> </ul>
Security	<ul style="list-style-type: none"> <li>- When the keyboard opens to enter a pin code, the numeric keyboard layout is shown</li> <li>- When setting a new pincode, the user is asked to enter the code twice to verify</li> <li>- The pincode needs to have a minimum of 4 digits</li> <li>- Ability to disable USB mass storage devices</li> <li>- Ability to open the Prowise Browser in incognito mode</li> </ul>
WiFi settings (TS Ten)	Ability to use WiFi networks secured with a certificate
Energy settings	<p>In the advanced settings a new tab is added with which it is possible to modify the energy settings for a screen:</p> <ul style="list-style-type: none"> <li>- dynamic mode (Full backlight range, highest energy consumption)</li> <li>- Energy star mode (optimized energy usage, based on Energy Star testing requirements)</li> <li>- Energy saving mode (Lowered backlight values, lowers energy consumption)</li> </ul>
Bluetooth	Ability to enable/disable Bluetooth (TS Ten, TS One only)
Live preview input (TS Ten)	Ability to preview input channel video streams (TS Ten only, beta feature)
Airplay / Chromecast	<ul style="list-style-type: none"> <li>- Ability to have multiple streaming sessions (AirPlay and Chromecast sessions can be streamed simultaneously), up to 4 streams at the same time</li> </ul>

	<ul style="list-style-type: none"> <li>- Performance improvements for the TS One</li> </ul>
Google Play Services (TS Ten)	The Google Play Services framework has been implemented which makes the screen now suitable for apps requiring this framework (e.g. MS Teams, Google Meet)
Screen lock functionality	<ul style="list-style-type: none"> <li>- Ability to lock your screen using a pin code or USB key (TS Ten only); lock can be triggered using a lock button in the quickmenu and in the shutdown dialog. A new security tab is added in the advanced settings to make changes</li> <li>- Ability to auto lock your screen based on recent activity (TS Ten only)</li> </ul>
Suitable for Screen Control 2.0	<p>Screen Control 2.0 improvements:</p> <ul style="list-style-type: none"> <li>- Newly designed UI for the admin web portal</li> <li>- Dashboard with metrics about all the screens in the organization</li> <li>- Role based user management</li> <li>- How To section</li> <li>- Removes mandatory location for creation of a group</li> <li>- List of devices in a group, with option to add or remove multiple devices</li> <li>- Screen names in devices list</li> <li>- Software version and MAC addresses on device details page</li> <li>- Visualization of inheritance of settings on group and device level</li> <li>- Option to reset a setting of a group or device to the inherited value (follow parent)</li> <li>- BSI certificate pending</li> <li>- Ability to test out beta apps for specific organizations</li> </ul> <p>Screen Control 2.0 new settings:</p> <ul style="list-style-type: none"> <li>- Check &amp; install updates at shutdown</li> <li>- Disable USB storage</li> <li>- Startup the screen in ProNote</li> <li>- Disable internal microphone(s)</li> <li>- Power management               <ul style="list-style-type: none"> <li>- scheduled shutdown</li> </ul> </li> </ul>

### 1.3 Solved high priority bugs

Bug	Description	Screen type
Appstore making excessive calls to back-end services	Due to a bug in the appstore it made an excessive amount of calls to the Prowise back-end services. This is fixed now	PWT TS One TS Ten
Black default Android screen when trying to do a OTA upgrade	The issue is mostly solved, when the black screen appears, it is now possible to choose the "Factory reset", afterwards the setupwizard can be completed and the update is finished as normal (previous made settings will	TS One

	not be preserved)	
Multiple issues with HDMI ports and HDMI out	When using the TS Ten, some of the HDMI ports seemed to malfunction (especially HDMI 2). Also in combination with the HDMI out (4K/60Hz).	TS Ten
WiFi has prio over LAN	When using both a WiFi and LAN connection, the system uses WiFi. This has been reversed	TS Ten
Google Meet app not able to use camera	When using the Google Meet app the system does not recognize the camera	TS Ten
Setting a manual date while changing the dmy / ymd layout causes some issues	Setting a manual date works correctly now in any date format	PWT TS One TS Ten
Factory reset does not remove all user generated data	A factory reset now completely wipes all user generated data	TS Ten TS One PWT
Keyboard does not remember layout	When changing the keyboard layout, it is not saved upon a restart	TS Ten TS One PWT
Screen freezes when tapping presets	A screen freeze can occur when tapping a "preset" multiple times	TS Ten TS One PWT
Clicking "Turn on PC" shuts down the screen	When a user wants to start the OPS module the screen powers off	PWT
Canceling the pincode dialog freezes the screen	A user is now able to press the cancel button correctly	TS Ten TS One PWT
Screen Control; pushing apps, UI	<ul style="list-style-type: none"> <li>- Pushing apps using screen control now functions correctly</li> <li>- Screen Control button is grayed out when enrolled</li> </ul>	TS Ten TS One PWT
Desktop	Partly loaded app (red) icons do not occur on a regular basis anymore	TS Ten TS One PWT
ProNote	<ul style="list-style-type: none"> <li>- Creating page thumbs often crashes the system</li> <li>- Applying backgrounds to all pages can lead to a system crash</li> <li>- ProNote closes after removing a USB stick</li> <li>- Repeatedly tapping the home button creates weird behavior</li> </ul>	TS Ten TS One PWT

	- Memory improvements	
Filemanager (available in the app store)	Multiple issues have been solved to optimize the user experience (e.g. crashes related to creating new folders, image swiping, added ability to open local network drive)	TS Ten TS One PWT
Distributor menu: Microphones (TS Ten)	The internal microphones are default off → default is now on	TS Ten
Distributor menu: No-signal standby time (PWT)	The no-signal time was ignored, so the screen did not automatically shutdown anymore after the set time had passed	PWT
USB devices; There is a limitation on the number of USB devices that can be used simultaneously on the TS Ten. The number of device supported is between 2 and 3	4 USB devices can now be used on the TS Ten screens equipped with a FlatFrog touch panel.	TS Ten

## 1.4 Known issues / Missing features

Issue	Description/workaround
Prowise Reflect	<ul style="list-style-type: none"> <li>- Audio support for Prowise Reflect will be added in a next Prowise Central release</li> <li>- Client apps not suitably signed, this will be adjusted in next releases</li> </ul>
Desktop; Non-working widgets	Some of the apps available from the Prowise app store have widgets which seem to be non-working. Non-working widgets will be removed in next Prowise Central releases
Prowise Browser; Not able to make a weblink easily	The “Add to home” button does not function when tapping it in the middle. Workaround is to tap slightly in the bottom right or using the three dot menu → issue will be analyzed (TS Ten only)
Proxy for internet connections (WiFi/LAN)	Issues are being investigated
IP232; Not possible to send a P_On command, all other commands work (TS Ten)	Send WOL command to wake up the screen from standby
Presenter 10 on the TS One	Due to performance issues Presenter 10 has been removed from the Prowise Appstore on the TS One.
Switching Move camera between Central and Windows	From Move to Windows works fine. Back from Windows to the Move app, does not automatically pick up the live camera feed. Move app needs to be restarted.
Filemanager (available in the app store)	<ul style="list-style-type: none"> <li>- Cloud support not yet available</li> <li>- Not able to save/open ProNote files</li> </ul>

ProNote	<ul style="list-style-type: none"> <li>- When ProNote is stressed by zooming in and out while some screenshots are visible on a page then ProNote freezes and crashes</li> <li>- Stopwatch seems frozen when it's running and user starts drawing (TS One, PWT)</li> <li>- Redo/undo options</li> <li>- Split erase (erasing now erases full lines and shapes)</li> <li>- Finger gestures</li> <li>- Fill color options</li> </ul>
Screen Control 2.0	The scheduled startup option is not functioning (TS Ten / One)

## 1.5 Re-cap streaming protocols

AirPlay / Chromecast	<ul style="list-style-type: none"> <li>- Stream 4 devices simultaneously (audio + video)</li> <li>- Mixed content (so for example 2 iOS devices and 2 chromecast devices at the same time)</li> </ul>
Miracast	<ul style="list-style-type: none"> <li>- Stream 1 device (audio + video)</li> </ul>
Prowise Reflect	<ul style="list-style-type: none"> <li>- Stream up to 10 devices simultaneously (only video)</li> <li>- Mac and Windows clients have touch support</li> <li>- Android; only video stream</li> <li>- Chromebook; only video stream</li> </ul>
Presenter 10	<ul style="list-style-type: none"> <li>- Connect up to 50 devices simultaneously</li> <li>- Connect tablets, smartphones and other devices with the touchscreen to easily collect input from the class.</li> <li>- Support for Windows, Mac, IOS, Android, Chrome OS and Linux devices</li> <li>- Screen type: PWT, TS Ten</li> </ul>

## 1.6 Update procedure

Press the "Check for system updates" button in the "Advanced Settings" menu under "About this screen". When an update is found you can press OK to start the update, the screen will automatically reboot or shutdown when ready (depending on the screen type).