

## Release notes - Prowise Central 4.0.0 PWT, TS One, TS 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: v1.0.29b</i> <i>build version:</i> <i>202107162307_v1.0.29bRC2</i>	<b>Prowise Touchscreen (TS One)</b> <i>fw: v1.0.9</i> <i>build version:</i> <i>202107162353_1.0.9RC2</i>	<b>Prowise Touchscreen G1 (PWT)</b> <i>fw: v2.2.79</i> <i>build version:</i> <i>202107162329_2.2.79RC2</i>	<b>Prowise Touchscreen G2 (PWT)</b> <i>fw: v2.2.79</i> <i>build version:</i> <i>202107162329_2.2.79RC2</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 High priority bugs

<b>Bug</b>	<b>Description</b>	<b>Screen type</b>
Sound delay HDMI Inputs and the OPS module	Sound delay issues with the HDMI Inputs and the OPS module have been fixed	TS Ten
ProNote → glitches when drawing with the thin or thick pen	Hardware accelerated draw engines have been improved (see below for more info about ProNote)	TS Ten, TS One, PWT
Array microphones are default off under Prowise Central	Array microphones are now turned on by default (distributor menu setting) under Central	TS Ten
Improved memory usage	The memory usage of the system is improved to free up more memory to run multiple applications	TS Ten
Lift detection not always working as expected	Lift detection is improved in order to correctly detect the connected Prowise lift	TS Ten, TS One, PWT

No signal standby time UI is also shown within 1 minute of no signal	The no signal standby time UI will not be shown within 1 minute of no signal and the 1 minute standby time is removed from the distributor menu	TS Ten
Multiple issues with RS232	Multiple RS232 issues have been fixed; <ul style="list-style-type: none"> <li>- bug with power off command fixed</li> <li>- continuously send input switch command will cause RS232 to stop working</li> <li>- Disable RS232 but power on command still functions</li> <li>- First command does not work</li> <li>- When RS232 is disabled and enabled again it will run the last sent command</li> </ul>	TS Ten, TS One
When video output is set to external, the UI does not refresh after adjusting the volume by remote control	When setting the output to external the UI will update now correctly	TS Ten
Setting the default input to AV or VGA and booting the screen or switch from Prowise Central to AV or VGA results in audio losses	Audio will continue to work when switching to AV or VGA	TS Ten
Switch to and from AV or VGA will result in a lost signal	Signal will not be lost when switching to AV or VGA	TS Ten
No HDCP on HDMI output when inputting HDMI signal with HDCP 1.4 or 2.2	HDCP will work correctly now with both HDCP 1.4 or 2.2	TS Ten
Screen does not always boot correctly when an USB stick is inserted	The screen can now boot with or without inserted USB sticks	TS Ten
Bass and treble audio adjustments in advanced settings do not function correctly	Bass and treble settings can now correctly be updated	TS Ten
Connecting a bluetooth device using a bluetooth dongle crashes the system	A bluetooth device using a bluetooth dongle works correctly now	TS Ten, TS One
PIR sensor not working as expected	The PIR sensor (proximity sensors) function correctly now; the sensitivities have been tweaked	TS Ten
Miracast general issues	Miracast functionality has been improved, performance may vary	TS Ten

Multiple issues with setting the correct volume state (volume plus/min or mute)	Volume settings and related UI work correctly now	TS Ten, TS One, PWT
No freeze icon when freeze mode is on	Freeze icon is visible when the freeze mode is on	TS Ten, TS One, PWT
Back button in quick menu not always working as expected	The back button in the quick menu now functions as intended	TS Ten, TS One, PWT
Time not updated after setting a different timezone in advanced settings	The system time now updates correctly when selecting a different timezone	TS Ten, TS One, PWT
LAN connection detection in the setupwizard not always working	LAN connection detection in the setupwizard works correctly now	TS Ten, TS One, PWT
Uninstalling an app using the Appstore is not functioning	Apps can be uninstalled using the Appstore (or on the desktop itself as worked previously)	TS Ten, TS One, PWT
Clicking the "close all apps" in the active apps menu (quickmenu tab) does not work	All open apps can now also be closed by clicking on the "close all apps" title	TS Ten, TS One, PWT
Enabling/disabling Prowise Reflect, Airplay or Chromecast using Prowise Screen Control does not work correctly	Enabling/disabling the streaming protocols in Prowise Screen Control now functions correctly on the screen	TS Ten, TS One, PWT
Wake on LAN (WOL) not working correctly	Wake on LAN functionality is now working as expected	TS Ten, TS One
Wake on Source (WOS) not working correctly	Wake on Source functionality is now working as expected	TS Ten, TS One
When freezing the screen, the sound is not muted/frozen	When Freeze is "on", audio will also be muted now	TS Ten
Switching to OPS Module while in sleep mode power cycles the OPS module	The OPS module will not power cycle when in sleep mode	TS Ten

## 1.3 New features

Feature	Description
ProNote 2021 (ProNote v4)	ProNote has completely been rebuilt with improved user interfaces and experiences. <ul style="list-style-type: none"> <li>- Writing engines have been improved, so no "glitches"</li> </ul>

	<ul style="list-style-type: none"> <li>- or crashes while writing occur</li> <li>- Color and size selection for the pencil or marker tool have been simplified</li> <li>- Infinite canvas and zooming/panning options have been added (can be set per page)</li> <li>- Multi select using a lasso tool</li> <li>- Multi erase using a lasso tool</li> <li>- Options to draw and erase simultaneously</li> <li>- Improved pen modes (dual pen, single pen, pen and edit)</li> <li>- Improved mini tools (post its, ruler, protractor, geo triangle, stopwatch/timer)</li> <li>- Multiple mini tools of the same type can be opened simultaneously</li> <li>- Writing alongside a minitool have been improved</li> <li>- Colors of the pencil and marker tool and also background colors are stored upon a reboot of the system</li> <li>- Grids and lines can be added on top of a background color</li> </ul>
Prowise Reflect	Up to 10 devices can now connect to Prowise Reflect
Note widget	Writing experience and UI have been optimized
Desktop	Improved and new app icons for Prowise apps
Quick menu	Ability to open the quick menu on the left- or right-side of the screen (can be set in the advanced settings)
WiFi	Ability to use the screen as a WiFi hotspot
Bluetooth	Ability to connect a Bluetooth device
NFC	Ability to read DESFire NFC cards (needs setup instructions when a customer has the intention to use it)
Shutdown dialog	Extra buttons are added in the shutdown dialog (back, volume control, home)

## 1.4 Known issues

Issue	Description/workaround
ProNote; not able to open older .pronote files	Conversion integration for older ProNote files will be added in the next release
Prowise Reflect; No audio support	Audio support for Prowise Reflect will be added in next Prowise Central release
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	The "Add to home" button does not function when tapping it

easily	in the middle. Workaround is to tap slightly in the bottom right → issue will be analyzed
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
Appstore; some apps are missing on the TS One and TS Ten compared to the apps available on the PWT	Systems needs Google Play services in order to be able to run multiple apps → issue is being investigated on how we can possibly implement these as well for the TS One and Ten
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	Research is currently ongoing to improve the ability to use 4 USB devices at the same time for TS Ten screens equipped with a FlatFrog touch panel.

## 1.5 Update procedure

When your screen currently has Prowise Central 3.2.x installed or you have registered for the BETA participation (dealers/partners), you have to 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 when ready.