

Release Notes - WT41N0 CE7 Rev D - 04.57.04

- [Introduction](#)
- [Description](#)
- [Contents](#)
- [Device Compatibility](#)
- [Installation Requirements](#)
- [Installation Instructions](#)
- [Part Number and Release Date](#)

Introduction

WT41N0 is the Next Generation version of earlier wearable series of mobile computer WT4090. Symbol WT41N0 arm's your workers with all new advanced real-time hands-free mobile computing. This rugged mobile computing device with 802.11 a/b/g/n will allow you to achieve maximum error-proof productivity, operational efficiency and accuracy through voice compatibility for streamlined warehouse and package handling functions. This release contains the SW required to update a WT41N0 CE7.0 device to the 04.57.04 software.

Description

1. Operating System: CE7.0
2. CPU OMAP4430 ES 2.3
3. Boot loader 1.06.00
4. Rapid Deployment 7.08.77
5. Bluetooth StoneStreetOne Build 28342
6. External Agent 02.56

Enhancements

1. QFE Feb 2016 Build2866 - Upt56
2. Fusion Radio SW Version 2.03.0.0.012R (FCC compliant & Support for IEEE 802.11r-Fast Transition) .
3. DataWedge v3.7.16
4. Added B2M Client (Elemenz version 1.0.0.381). Can be installed using \Windows\Elemenz.cab
5. Wavelink Telnet v7.3.241.

SPR fixes

- SPR 28621 - Resolved an issue where registry is not merging if semicolon is present in the path.
- SPR 26471 - Resolved an issue where Kiosk mode/full screen mode is not working in IE.
- SPR 27387 - Resolved an issue whereby IE - checkbox control does not render.
- SPR 27607 - Resolved an issue whereby RS507 experiences a "3-sec delay" intermittently with intensive scanning.
- SPR 28299 - Added "Add to favorites" option in IE favorites menu.
- SPR 27748 - Improved the scanner performance.
- SPR 28194 - Adding regulatory support for 15 new countries.
- SPR 28313 - Resolved an intermittent failure to resolve cached addresses via ARP that could lead to telnet/TCP session disconnects.
- SPR 27173 - Added code page encodings option in IE.
- SPR 27751 - Resolved an intermittent "Adapter Unavailable" error.
- SPR 27525 - Resolved an issue where the device could not pair with the RS507 using the Wavelink TE client.
- SPR 26620 - Resolved an issue where touch panel does not disable when setting it to the D4 power state.
- SPR 27552 - Enabled audio routing to wideband BT headset.
- SPR 26828 - Improved audio tuning.
- SPR 27108 - Resolved an issue with RS507 connectivity while running the TekSpeech Pro client. See Notes section below for registry setting needed to enable this fix.
- SPR 28615 - Resolved an issue whereby WT41N0 loses Bluetooth connectivity to Qln320 after a battery swap.
- SPR 29609 - Added dependent MSMQ DLLs to make visadm application work on CE 7.0.
- SPR 29685 - Resolved an issue where the screen does not refresh properly while scrolling over a remote desktop connection.
- SPR 25569 - Resolved an issue whereby Bluetooth connection may be lost while operating in cold environments.
- SPR 28950 - Resolved an intermittent issue where applications lockup while enabling the scanner.
- SPR 29431 - Added the ability to install certificates without being prompted.

Notes

- The Battery health application is included as part of the OS image. This application can be installed by double clicking on Start->Program->BatteryHealth to install the cab file and cold boot the device.
- While streaming video files from Web for a long hours, it is recommended to change the default Temporary Internet Files registry path to the following.
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Shell Folders]
"Cache"="\Application\Temporary Internet Files"
- RCM Trigger Notification Support has been added via the following registry. By default RCM trigger Notification is disabled. Please set below registries to enable it.
[HKEY_LOCAL_MACHINE\Drivers\BuiltIn\BarCodeReader\Settings]
"TriggerEventEnable"=dword:1
[HKEY_LOCAL_MACHINE\Drivers\BuiltIn\BarCodeReader\Configurations\SE965\Settings]
"TriggerEventEnable"=dword:1
[HKEY_LOCAL_MACHINE\Drivers\BuiltIn\BarcodeReaderBT\Settings]
"TriggerEventEnable"=dword:1
- To enable IE KIOSK feature reset the below registry keys to 0,
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main]
"Task Bar"=dword:00000000
"Status"=dword:00000000
"Command Bar"=dword:00000000
"Animation"=dword:00000000
"Menu Bar"=dword:00000000
"URL"=dword:00000000
- SPR 24711 : RF Apps performance can be improved by setting the below registry key for the specific <Nic Adapter Name> like XWING, SMSC9500, RndisFn, AsyncMac, PPTP, L2TP, PPPOE, LANND5
- SPR 28723 : Scanner LED doesn't lighting up when trigger is pressed.
To Enable the LED
[HKEY_LOCAL_MACHINE\Drivers\BuiltIn\BarCodeReader\Settings]
"EnableRedLed"=dword:00000001
- SPR 27108 : TekSpeech Pro Client connection issue with RS507.
Set the following registry and warm boot the device to take effect. [HKEY_LOCAL_MACHINE\SOFTWARE\Symbol\Bluetooth]
"BTRecovery"=dword:0

OR
- SPR 25569 - Bluetooth connection is severed and requires a reboot to re-establish after time running in a freezer.
Set the following registry and warm boot the device to take effect.
[HKEY_LOCAL_MACHINE\SOFTWARE\Symbol\Bluetooth]
"BTRecovery"=dword:1

Contents

1. 41X0BenUP045704.zip - OS Update Package v04.57.04 without CleanAppl for Touch and Non-Touch terminals.
2. 41X0BenUC045704.zip - OS Update Package v04.57.04 with CleanAppl for Touch and Non-Touch terminals.
3. 41X0c70BenAB045704.APF - Airbeam Package v04.57.04 without CleanAppl for Touch, Non-Touch and VoW Terminals.
4. 41X0c70BenAC045704.APF - Airbeam Package v04.57.04 with CleanAppl for Touch, Non-Touch and VoW Terminals.
5. 41X0BenVUP045704.zip - OS Update Package v04.57.04 for VoW terminals without CleanAppl.
6. 41X0BenVUC045704.zip - OS Update Package v04.57.04 for VoW terminals with CleanAppl.

Device Compatibility

This software release has been approved for use with the following WT41N0 SKUs.

Device	SKUs
WT41N0	WT41N0-T2S27ER
	WT41N0-N2S27ER
	WT41N0-N2H27ER
	WT41N0-T2H27ER
	WT41N0-V1H27ER

Installation Requirements

WT41N0 device must contain released version of CE7.0 Software.

Installation Instructions

1. Unzip ZIP file and copy its content ("OSUpdate" folder for Touch & Non Touch or "OSUpdate_VOW" folder for VOW) to the \Temp folder of the terminal.
2. Place the device to be upgraded on A/C power supply.
3. Navigate to the "\Temp\OSUpdate" folder for Touch & Non Touch terminal or "\Temp\OSUpdate_VOW" folder for VOW terminal. Invoke 41X0c70Ben_TEMP shortcut.

Important note: The update will take about few minutes to complete. Please do not remove the device from A/C power during this time.

Part Number and Release Date

41X0BenUP045704
41X0BenUC045704
41X0c70BenAB045704
41X0c70BenAC045704
41X0BenVUP045704
41X0BenVUC045704

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