
Release Notes – WT41N0 CE7 Rev D – 04.57.05 Release

[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 04.57.05 software.

This release contains all fixes/enhancements of 04.57.04 release along with support for BLE feature.

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.
6. Bluetooth Low Energy (BLE) support is added.

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 QIn320 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

- Stonestreet BT stack is enabled by default in this release to support BLE feature.
To enable Microsoft BT stack, the following registry key must be set & device needs to be warm booted

```
[HKEY_LOCAL_MACHINE\SOFTWARE\SymbolBluetooth\Configurations\BLE]
"SSStack"=dword:00000000
```

- The Batteryhealth 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, LANND

- 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\SymbolBluetooth]
"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\SymbolBluetooth]
"BTRecovery"=dword:1
```

Contents

1. 41X0BenUP045705.zip - OS Update Package v04.57.05 without CleanAppl for Touch and Non-Touch terminals.
2. 41X0BenUC045705.zip - OS Update Package v04.57.05 with CleanAppl for Touch and Non-Touch terminals.
3. 41X0c70BenAB045705.APF - Airbeam Package v04.57.05 without CleanAppl for Touch, Non-Touch and VoW Terminals.
4. 41X0c70BenAC045705.APF - Airbeam Package v04.57.05 with CleanAppl for Touch, Non-Touch and VoW Terminals.
5. 41X0BenVUP045705.zip - OS Update Package v04.57.05 for VoW terminals without CleanAppl.
6. 41X0BenVUC045705.zip - OS Update Package v04.57.05 for VoW terminals with CleanAppl.

Device Compatibility

This software release has been approved for use with the following WT41N0 BLE SKUs. In these SKUs, Bluetooth Low Energy (BLE) support is added.

Device	SKUs
WT41N0	WT41N0-N2S28ER
	WT41N0-T2S28ER
	WT41N0-N2H28ER
	WT41N0-T2H28ER

This software release has been approved for use with the following WT41N0 Non-BLE SKUs as well.

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

41X0BenUP045705
41X0BenUC045705
41X0c70BenAB045705
41X0c70BenAC045705
41X0BenVUP045705
41X0BenVUC045705
41X0c70BenOS045705

June 7, 2016