

Release Notes SB1 OS Image v03.01.45

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Introduction

The SB1 is a brand new category of mobile device which employers can give to every retail associate. This truly smart badge is full of the features every associate needs to deliver the best customer experience, with the connectivity needed to keep them productive, every minute of every day. The badges each associate wears can allow associates to: access task lists; accept tasks and acknowledge completion; scan a bar code to check price and inventory; and connect via push-to-talk (PTT) with other workers carrying practically any other PTT-enabled mobile device in use in the store. The result is a powerful always-connected workforce that can always access the people and information they need to maximize productivity and exceed customers' expectations on every visit.

Description

v03.01.45

Features/Enhancements

- FIPS 140-2 Level 1 certification.
- New APIs added for below listed features (Kindly refer to programmers guide for details)
 - Clear all notifications.
 - Control app can be closed or not. This helps users to avoid closing of app.
 - Close all apps and its child apps.
 - Get the callback when back arrow pressed.
 - Display Full-Screen.
 - Get all the user data.
 - Display custom confirm notification.
 - Lock screen configuration.
 - Badge screen configuration.
 - Reboot the device programmatically.
 - Enable/Disable touch.
 - Identify device rotation with accelerometer.
 - Enable / Disable PTT and set PTT group to allow apps to configure from apps.
 - Added separate badge and lock screen configurations and API.
 - Application can play Beep.
- Added a configuration with PIN to enable/disable 'More Settings' menu.
- Shell logs can be configurable from UI without rebooting the device. This helps to debug quickly.
- Launch configurable app by long press on home key.
- Configure the number of chars to be moved on SIP once all chars typed on SIP.
- Introduced configurable process app can be started on startup/reboot.
- Controlled number of IFrames opening with configuration to improve overall performance.
- Controlled number of notifications to display and also added API and UI to delete all notifications at a time.
- Configuration added to control the display of home screen on signal lost/restore.
- Configuration screen to configure home screen controls. On home screen network and battery status can be configurable.
- Configuration available to set different User Agent to differentiate clients.
- Configuration available to use 3rd Party Device management (MDM) application.
- Added validation of customer configuration on reboot with message on error in configuration.
- Screen orientation change events available to applications.
- Improved factory restore feature.
- Device to device messaging system.
- User can put cursor at desired location on SIP keyboard input.
- Apps can be added dynamically to AppLauncher without adding in apps.json.
- Improved asl.run API to open an Application with name.
- Improved Notifications API to specify the proper type.
- PTT and wireless apps shortcuts can be configurable on home screen
- Configuration available to enable/disable PTT Express
- PTT Express groups names can be customized
- Added a delete icon in notifications list to delete all notifications at a time.
- All text in SIP keyboard can be deleted by pressing back arrow for few seconds (long press).
- Partial support for Asian languages provided. No localized SIP for Asian languages.
- Option to Format (reset) userdrive (Part of restore factory defaults menu) utility from Shell interface to resolve issues related to accessing userdrive.
- RT Log Export utility from Shell interface.

Fixes

- Device Login Feature related issues.
- White screen, Badge related issues.
- ScanTo feature issues.
- SIP keyboard related issues and provided HTML input field level control for scanner enable/disable
- Startup app related issues
- Disabled network login module which was not used by many customers to save memory. Can be enabled if required.
- Device (debug) logs moved to \UserDrive\Logs folder
- Scanner enable can be persisted across pages to improve the performance.
- Fixes made to improve performance.
- Device Auto reset time set to 12 Hours.

Note:

- Make sure that you remove all shell configurations setting from your SB1 "userdrive" before updating your SB1 device to new OS version.
- Applications developed using the Software Development Toolkit v0.7 will not be compatible with OS v03.01.45. Software Development Toolkit v2.4 should be used with OS v03.01.45.

Contents

- TSDxc60AenAB030145.APF – A package file for deployment using AirBeam.
- TSDxc60AenSF030145.zip – Additional support package files for deployment using AirBeam.

Device Compatibility

This software release has been approved for use with the following Symbol devices.

Device	Operating System
SB1	Windows CE 6.0

Installation Requirements

- SB1 device must contain a released version of Windows CE 6.0 Software

Installation Instructions

- Please refer to "Image Update Procedure.doc" in TSDxc60AenSF030145.zip

Part Number and Release Date

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December 15, 2014