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# Release Notes – SB1 Software Developer Toolbox v2.4

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## **1 Introduction**

The SB1 smart badge is a new category of mobile device that can be provisioned to every task worker or associate. It is a wearable, cost-efficient, thin-client mobile device that enables communications and collaboration solutions that drive cost savings, improved productivity and better customer service. The badge each associate wears can allow associates to: access a personalized task list; 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.

## **2 Description**

The SB1 is a thin client device that's been designed to run HTML5 apps with Rho Elements extensions to support the management and use of key features including the E Ink display, Barcode scanner, Beeper, LED, Buttons/Keys, and Voice accessories. The Rho-based SB1 Shell is the user interface of the SB1. The SB1 Shell is multi-instance, multi-tasking application which enables RhoElements "hybrid" (HTML/JavaScript) applications to run concurrently, interact with each other and share device and system resources. The Shell runs within RhoElements and uses the Webkit engine.

In order to assist developers in their development efforts, it is recommended that they download and review the SB1 Programmers Guide and the SB1 Integrators Guide. Motorola Solutions has also provided an SB1 Developer's Toolbox that includes sample applications, graphic assets, the Shell API, localization files and other supplemental information to be used as a reference and to help speed application development.

The SB1 Developer's Toolbox includes the following:

- Shell API – asl.js
- Graphic Assets s – enables apps to look and feel integrated into the shell for a seamless user experience.
- Localization files (Bulgarian, Dutch, English, French, German, Italian, Portuguese, Spanish, Swedish,Chinese,Japanese,Korian and Taiwanese).
- MSP Supplemental Files for SB1.
- Sample Applications and Sample Userdrive configurations to ease Development and app deployment.
- Added more sample applications that covers all shell APIs.
- Specific Registry Configurations for selected features. Details of these configurations are available in Readme file.
- Debugging Applications to collect logs
  - PTTEExpress Logger
  - NetLog Capture
- Utilities

- DeviceTimeSync
- Reboot\_Service
- SetTimeZone-Setup

**Note:** This Toolbox is compatible with SB1 OS release 03.01.45

### **3 Contents**

- TSDxc60AenDT020400.zip – Developer Toolbox files contained in ZIP file.

### **4 Device Compatibility**

This software release has been approved for use with the following Motorola Solutions device.

<b>Device</b>	<b>Operating System</b>
SB1	Windows CE 6.0

### **5 Installation Requirements**

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

### **6 Installation Instructions**

Unzip contents of zip file to workspace on PC and copy the desired files to the terminal.

## **7 Part Number and Release Date**

TSDxc60AenDT020400.zip

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