nSTS, eSTS & STS-RBM Compatibility List

The nSTS, eSTS, and STS-RBM products are designed to use features unique to a group of Samsung tablets.

While integrating your application with eSTS and STS-RBM, the Samsung Tablet requires the installation of the LAVA Tablet Manager (LTM) application provided with a software package.

Software installation is not required for Samsung tablet, while using with nSTS line of products.

The tablet must include the Samsung Knox Standard SDK version 5.1 or newer. The SDK version information is available in the tablet's "About device" information.

The nSTS, eSTS, and STS-RBM works with unrooted Samsung tablets.

The nSTS, eSTS, and STS-RBM have been tested with the following Samsung tablets:

TEST SUMMARY - SAMSUNG TABLET AND STS-RBM

Model Number	Device Name	Screen Size	Android Version	Build Number	Note(s)
SM-T580	Galaxy Tab A 10.1"	10.1	6.0.1	MMB29K.T580UEU1APG1	1,6
SM-T560	Galaxy Tab E 9.6"	9.6	5.1.1	LMY47X.T560NUUEU1AOK1	1,2
SM-T377W	Galaxy Tab E 8.0"	8.0	6.0.1	MMB29K.T377WVLU0APC3	1,4
SM-T377V	Galaxy Tab E 8.0"	8.0	6.0.1	MMB29K.T377VVRU1BPD6	1,5
SM-T810	Galaxy Tab S2 9.7"	9.7	5.1.1	LMY47X.T810XXU2BOJ1	1
SM-P550	Galaxy Tab A 9.7"	9.7	6.0.1	MMB29M.P550XXU1BPF3	1,3
SM-T350	Galaxy Tab A 8.0"	8.0	6.0.1	MMB29M.T350XXU1BPE3	1
SM-T530NU	Galaxy Tab 4 10.1"	10.1	5.0.2	LRX22G.T530NUUEU1BOI2	1

The devices in the test summary have been verified with the nSTS, eSTS, STS-RBM and LTM Service as of September 2016. LAVA only has access to models from the Canadian market and some U.S. models for internal testing. A tablet integrator must perform a verification of the tablet model and build targeted for their application. LAVA will assist in the testing of other tablets provided a sample tablet is made available. The sample tablet must be delivered with the intended build already installed.

The tablet features used by the nSTS, eSTS, STS-RBM and STS-** Products are not universal across the Samsung Tablet line. Samsung tailors the tablet firmware to a world region or country. Tablet versions created by Samsung for mobile carriers do not behave the same as the standard products. You must verify the behavior of the specific model of tablet and firmware build to be used before committing to any deployment.

The Power-over-Ethernet (PoE) models require a suitable Network Switch with PoE support. A non-PoE Network Switch can use a PoE Power Injector for each port to operate with a PoE capable STS-RBM device. A PoE Power Injector is a standard add-on available from many Network Switch vendors.

*STS-** models without PoE require a USB Power Supply with a Micro USB-B receptacle. The Wall/USB Charger provided with the tablet is an ideal choice for use with the STS-RBM.

Note	Description
1	The tablets issue a beep when the battery modulation changes from the discharging to charging state on most tablets. The newer tablets allow the "Charging sound" to be disabled within the Sound menu. Older tablets can lower the system volume if sound is not required.
2	Tested with a North American build for STS-RBM and STS-** devices. Problems have been using reported with U.K. Android 4.x.x builds with STS-** devices. The U.K. Android builds have not been tested with STS-RBM.
3	Requires tablet connection cable be no longer than 19" (50 cm).
4	The SM-T377W was tested with build MMB29K.T377WVLU0APC3. The unit tested was a Canadian model, not specific to a carrier.
5	The SM-T377V was tested with build MMB29K.T377VVRU1BPD6. Earlier builds do not work with the STS-RBM or any STS-** device. The unit tested was a U.S.Verison model.
6	The Tab A 10.1" tablet briefly disconnects attached USB accessories each time the battery modulation changes from charging to discharging. This side effect has the benefit of periodically refreshing the internal resources used by the device. Using a wider set of modulation thresholds will minimize the effect of this behavior on the user.