
SA 3GPP Enabler Module

Release Notes

Applies to Product Release: 02.00.04.00
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SA 3GPP Enabler version 02.00.04.00

Overview

This document provides the release information for the latest Security Accelerator Sub-System (SASS) 3GPP Enabler Module. Although SASS supports 3GPP specific Ciphering and Authentication algorithms such as Kasumi F8/F9 and Snow3G F8, those algorithms are locked out in the standard SA LLD distribution. This module contains the API function to enable 3GPP related functionalities at SA sub-system that should only be used by those with ETSI licensing as described at <http://www.etsi.org/WebSite/OurServices/Algorithms/3gppalgorithms.aspx>.

SA 3GPP module includes:

- Compiled library (Big and Little) Endian of SASS 3GPP enabler.
- Sources
- API reference guide
- Software Manifest Documentation

This release notes is for SA 3GPP Enabler version 2.0.4.0(2_0_4_0)

LLD Dependencies

- None

Label and Version Information

Table 1 lists the software label and versions supported by this release.

Table 1 Label and versions supported by this release

Label/Version Information
SALLD.02.00.04.00

Resolved Incident Reports (IR)

Table 2 provides information on IR resolutions incorporated into this release.

Table 2 Resolved IRs for this Release

IR Parent/ Child Number	Severi ty Level	IR Description

Known Issues/Limitations

Table 3 Known Issue IRs for this Release

IR Parent/ Child Number	Severity Level	IR Description

Migration Information

- SA3GPP installation should be with in “SA LLD” installation as recommended by the installer
- SA3GPP ARMV7 library is located under “sa/sa3gppEnabler/lib/armv7” folder.
- SA3GPP package for DSP should be loaded in the RTSC configuration file as below
 - *var Sa3gpp = xdc.loadPackage('ti.drv.sa.sa3gppEnabler');*

New/Updated Features and Quality

Release 2.0.3.0

- Shared object library support added in the makefile

IR Parent/ Child Number	Severi ty Level	IR Description
SDOCM00104822	Minor	needs shared lib version of SA 3gpp enabler in the release
SDOCM00103842	Minor	Typo in SA 3gpp Enabler library Makefile

Release 2.0.1.4

- Production release supporting Multiprocess for SA LLD

Release 2.0.0.5

- Beta Release

Release 2.0.0.4

- Initial release.

Release 1.0.0.0

- Initial release.

Licensing

Please refer to the software Manifest document for the details.

Delivery Package

The delivery package from Texas Instruments will be delivered as follows:

```
setupwin32_sa3gpp_<SA3GPP_Version>.exe  
setuplinux_sa3gpp_<SA3GPP_Version>.bin
```

Installation Instructions

Installation guidelines

The steps to be followed for installation of the SA 3GPP Enabler release are as follows:

1. Download the release executable
2. Run the executable file; follow the instructions and install the SA 3GPP enabler software into the corresponding SA LLD packages. For example, `c:\ti\salld_keystone2_<SA3GPP_Version>/packages`.

Customer Documentation List

Table 4 lists the documents that are accessible through the **/docs** folder on the product installation CD or in the delivery package.

Table 4 Product Documentation included with this Release

Document #	Document Title	File Name
1	API documentation (generated by Doxygen)	sa3gpp\docs\doxygen\html\index.html
2	Release Notes (this document)	sa3gpp\docs\ReleaseNotes_SA_3GPP.pdf
3	Software Manifest document	sa3gpp\docs\SA_3GPP_2_0_SoftwareManifest.pdf