

# SAF85XX FW RELEASE

## CODE DROP 0.1.0

### INTERNAL SLIDES

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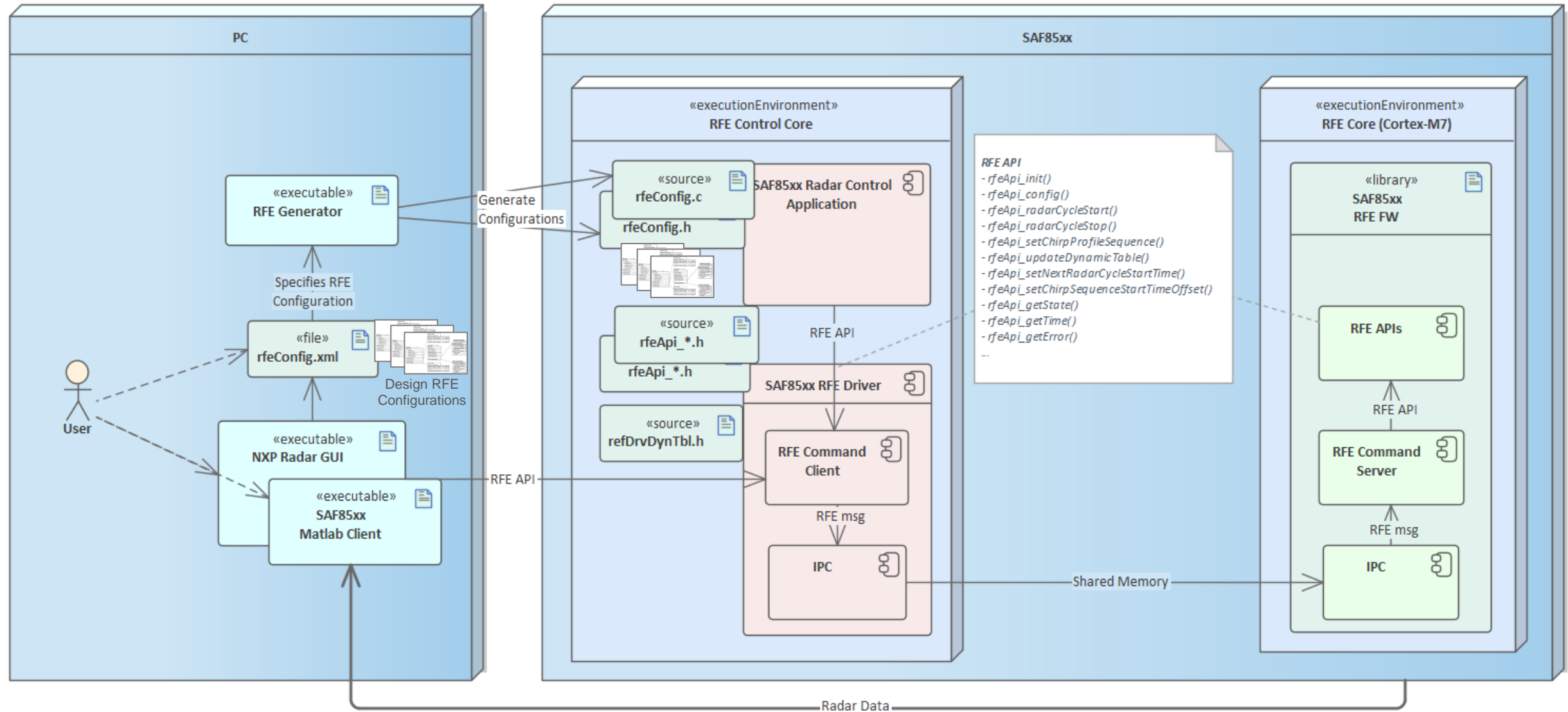


## SAF85XX RFE FW (CODE DROP) RELEASE 0.1.0 (DEMO)

- Internal Release via Bitbucket:
  - SAF85xx\_RFE\_FW\_0.1.0.zip + SAF85xxRelease\_v0.1.0.pptx
    - [https://bitbucket.sw.nxp.com/projects/STRX/repos/rfe/browse/docs/Releases/Internal/SAF85xx\\_RFE\\_FW\\_0.1.0](https://bitbucket.sw.nxp.com/projects/STRX/repos/rfe/browse/docs/Releases/Internal/SAF85xx_RFE_FW_0.1.0)
- External Release to Denso via Sharepoint:
  - SAF85xx\_RFE\_FW\_0.1.0.zip
    - <https://nxp1.sharepoint.com/teams/ext775?e=1%3Aede4b6e733374838919d342f93f56d83>
  - Archived in:
    - [https://bitbucket.sw.nxp.com/projects/STRX/repos/rfe/browse/docs/Releases/External/SAF85xx\\_RFE\\_FW\\_0.1.0](https://bitbucket.sw.nxp.com/projects/STRX/repos/rfe/browse/docs/Releases/External/SAF85xx_RFE_FW_0.1.0)
- Bitbucket Tags
  - SAF85xx\_RFE\_FW\_Code\_Drop\_0.1.0
  - Internal:  
[https://bitbucket.sw.nxp.com/projects/STRX/repos/rfe/browse/docs/Releases/Internal/SAF85xx\\_RFE\\_FW\\_0.1.0?at=refs%2Ftags%2FSAF85xx\\_RFE\\_FW\\_Code\\_Drop\\_0.1.0](https://bitbucket.sw.nxp.com/projects/STRX/repos/rfe/browse/docs/Releases/Internal/SAF85xx_RFE_FW_0.1.0?at=refs%2Ftags%2FSAF85xx_RFE_FW_Code_Drop_0.1.0)
  - External  
[https://bitbucket.sw.nxp.com/projects/STRX/repos/rfe/browse/docs/Releases/External/SAF85xx\\_RFE\\_FW\\_0.1.0?at=refs%2Ftags%2FSAF85xx\\_RFE\\_FW\\_Code\\_Drop\\_0.1.0](https://bitbucket.sw.nxp.com/projects/STRX/repos/rfe/browse/docs/Releases/External/SAF85xx_RFE_FW_0.1.0?at=refs%2Ftags%2FSAF85xx_RFE_FW_Code_Drop_0.1.0)

# RFE RELEASE CONTEXT

deployment SAF85xx RFE FW 0.1.0

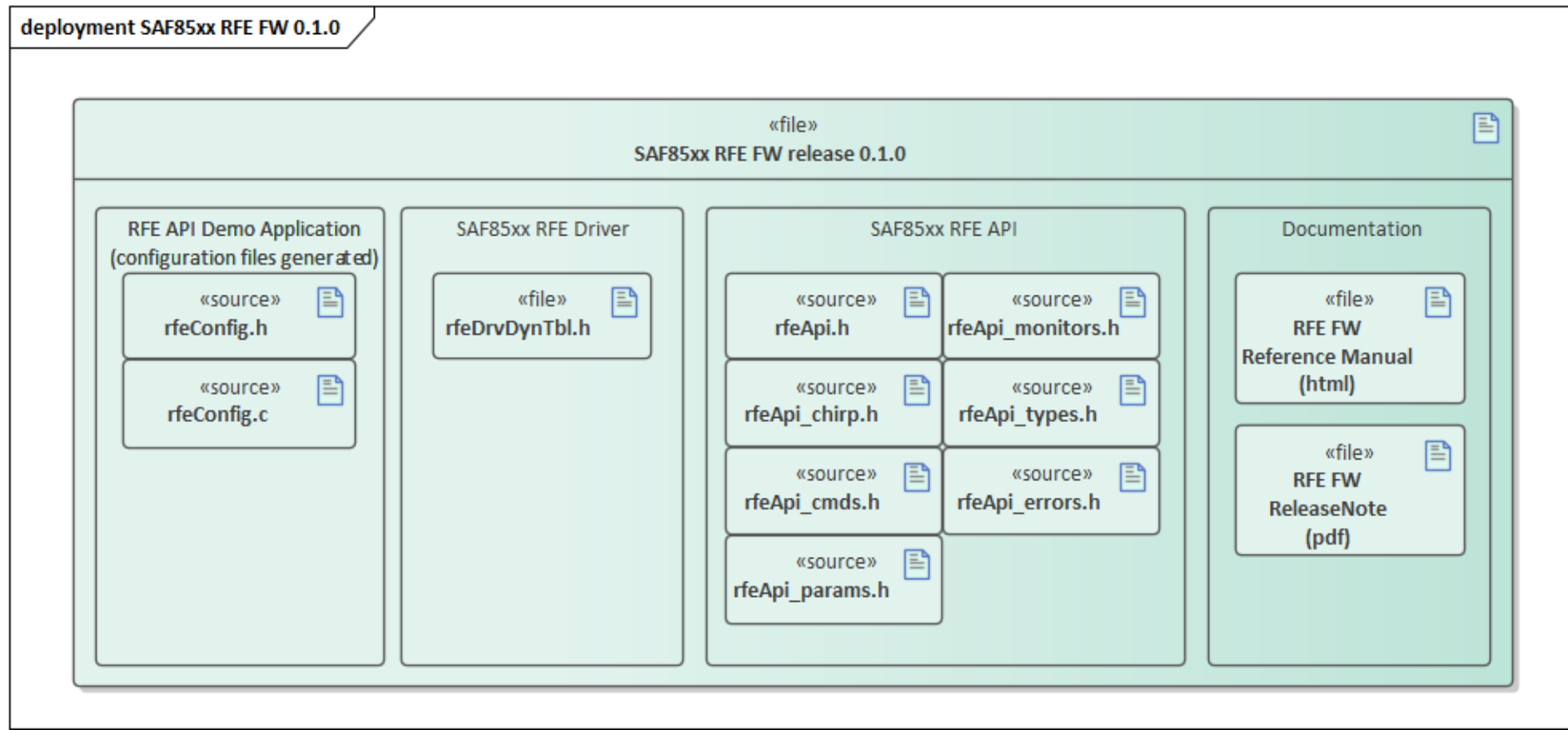


## PURPOSE OF THE RELEASE

- External
  - Enable Denso to start development towards STRX RFE control, as agreed in RfQ
  - Release initial SAF85xx RFE API covering Denso use case
  - Get early feedback from Denso
- Internal
  - Pipe clean the release process
  - Release initial SAF85xx RFE API for
    - GUI development
    - Validation Development
  - For other teams to familiarize with top level SAF85xx RFE API

## RELEASE CONTENT

- Initial Top Level SAF85xx RFE API
  - Radar Cycle, Radar Frame, Parameters Updates, Commands (e.g. CW)
  - Dynamic (MIMO) Table
  - Example (Denso) RFE Configuration
  - Documentation



# RELEASE CONTENT

**Table 1. Release contents**

Item	Version
Documentation	
• SAF85xx_RFE_FW_ReleaseNotes.pdf	0.1
• SAF85xx_RFE_FW_ReferenceManual	0.1.0
RFE Firmware (RFE-M7)	
• Not released	
RFE Software (A53)	0.1.0
• RFE API	
o RFE API Header files	
• RFE Driver	
o RFE Dynamic Tables Header File	
• RFE Control Demo App	
o RFE Configuration files	

```
\SAF85xx_RFE_FW_0.1.0
.....\doc
.....SAF85xx_RFE_FW_ReleaseNotes.pdf
.....\SAF85xx_RFE_FW_Reference_Manual
.....\*. * (html)
.....\rfeApi
.....\inc
.....rfeApi.h
.....rfeApi_chirp.h
.....rfeApi_cmds.h
.....rfeApi_params.h
.....rfeApi_monitors.h
.....rfeApi_errors.h
.....rfeApi_types.h
.....\rfeCtrlDemoApp
.....\inc
.....rfeConfig.h
.....\src
.....rfeConfig.c
.....\rfeDrv
.....\inc
.....rfeDrvDynTbl.h
```

## REVIEWS

- Release Ticket
  - <https://jira.sw.nxp.com/browse/STRX-1840>
- Code and Reference Manual review
  - <https://crucible1.sw.nxp.com/cru/R-STRX-351>
- Release Notes review
  - <https://crucible1.sw.nxp.com/cru/R-STRX-350>
- (this) Release Slides review
  - <https://crucible1.sw.nxp.com/cru/R-STRX-352>



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