# STSW-ST25DV008

Data brief

## ST25 mediated handover firmware

| Product status link |
|---|
| STSW-ST25DV008 |

## Features

- NFC Forum mediated handover to connect a device to a Wi-Fi® network
- NFC Forum TNEP to communicate with an ST25DV-I2C Dynamic tag
- Firmware running on B-L4S5I-IOT01A board

## Description

The ST25 mediated handover demonstration shows how an ST25DV-I2C NFC dynamic tag can ease the connection of a device to a Wi-Fi network, using a smartphone as a mediator.

This demonstration implements the NFC Forum mediated handover protocol to communicate the Wi-Fi network credentials to the device, and the TNEP protocol to manage the communication between the smartphone and the ST25DV-I2C NFC dynamic tag. The B-L4S5I-IOT01A board (orderable from www.st.com) is required to run the demonstration.

The firmware (STSW-ST25DV008), the Android™ application (STSW-ST25007) with its source code (STSW-ST25008) and the user manual are available on www.st.com.

## License scheme

STSW-ST25DV008 package is delivered under the SLA0052 (Mix_MyLiberty) software license agreement. The provided software components come with the license scheme detailed in the following table.

Table 1. **Software component license agreements**

| Software component | Owner | License |
|---|---|---|
| Project applications | STMicroelectronics | Proprietary |
| NDEF middleware | | |
| TNEP middleware | | |

| Software component | Owner | License |
|---|---|---|
| Board support package (BSP) | STMicroelectronics | BSD-3 Clause |
| HAL STM32L4 | | |
| STM32L4xx CMSIS | STMicroelectronics | Apache License V2 |
| Cortex®-M CMSIS | Arm®(1) | Apache License V2 |

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# Revision history

Table 2. **Document revision history**

| Date | Version | Changes |
|---|---|---|
| 01-Dec-2020 | 1 | Initial release. |
| 06-May-2021 | 2 | Updated Section Features and Section Description. |

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