MIFARE® Open Training 2025 (Q1)

3ʳᵈ, 4ᵗʰ, 5ᵗʰ, and 6ᵗʰ of February 2025

Mobile Knowledge

MIFARE® is NXP's well-known brand for a wide range of contactless IC products. With more than 12 billion contactless and dual interface IC's sold, MIFARE products are proven and reliable. This huge installed base of MIFARE products enables service providers to expand their offer while reducing the total costs and increasing users' convenience.

Training summary

Our technical trainings cover a good mixture of theoretical basics and practical exercises for system and Application engineers who are dealing with MIFARE related products as well as marketing and technical management roles in the identification and transport businesses. The training sessions are divided into a theoretical module (Mx) and a hands-on module (Wx) for each product. The sessions are delivered on a product-by-product basis to ensure that access to training content is flexible enough to accommodate all participants' needs.

The theoretical module (Mx) and hands-on modules (Wx) are delivered blended to allow time to process concepts and apply them directly. Hands-on modules are based on exercises to explore the different MIFARE® product features presented in the theory using a contactless reader and a PC application to interact with the MIFARE® based cards.

Coffee, snacks and lunch provided with breaks planned throughout the day.

Location: Browns Butlers Wharf, 26 Shad Thames, Butlers Wharf, London SE1 2YG

MIFARE training sessions

MIFARE® Ultralight® AES

M1 - MIFARE Ultralight AES

In this module we present the most relevant technical concepts for MIFARE Ultralight AES, the latest generation MIFARE Ultralight product, available since 2022. MIFARE Ultralight AES delivers a new level of trust for limited-use tickets and key cards by supporting AES cryptographic authentication and secure data access.

W1 - MIFARE Ultralight AES workshop

This workshop consolidates the theoretical concepts introduced in M1. During this module we will review how MIFARE Ultralight AES can be configured to activate AES protection for user memory and authentication as well as how to use the AES keys to authenticate the MIFARE Ultralight AES using RFID Discover.

Date: 3ʳᵈ February 2025, 09:00h to 17:00h GMT

MIFARE® Plus® EV2

M2 - MIFARE Plus EV2

This module presents the technical details of MIFARE® Plus EV2, the latest generation of the MIFARE Plus family, designed to be a security upgrade for legacy infrastructures and to ease the migration from MIFARE Classic installations to higher security levels with minimum effort.

WO2 - MIFARE Plus EV2 workshop

This workshop consolidates the technical concepts delivered in M2. It shows how to upgrade MIFARE Plus EV2 to the different higher security levels, both at the sector and card level, and illustrates how to authenticate and perform common memory operations.

Date: 4th February 2025, 09:00h to 17:00h GMT

MIFARE® DESFire® EV3

M3 - MIFARE DESFire EV3

This module describes the technical features of MIFARE DESFire EV3, the third evolution of the proven MIFARE DESFire family, ideally suited for scalable and secure multi-application smart card solutions in identity, access, loyalty, transport schemes, and smart city solutions.

W3 - MIFARE DESFire EV3 workshop

This workshop consolidates the technical concepts delivered in M3. It shows how to authenticate at the card level, create applications, create files and how to personalize and configure the key features offered by MIFARE DESFire EV3 card.

Date: 5th February 2025, 09:00h to 17:00h GMT

MIFARE® SAM AV3

M4 - MIFARE SAM AV3

This module explains the capabilities of the MIFARE SAM secure microcontroller, specifically designed for use with contactless MIFARE ICs, including MIFARE DESFire, MIFARE Plus and MIFARE Ultralight. Now in its third generation, it is the ideal add-on for reader devices to secure keys, protect assets and establish secure communication in a wide variety of applications.

W4 - MIFARE SAM AV3 workshop

This workshop consolidates the technical concepts delivered in M4. It shows how to inject keys into MIFARE SAM AV3, and how to use it to personalize and validate transactions with MIFARE DESFire or MIFARE Plus cards.

Date: 6th February 2025, 09:00h to 17:00h GMT

Register

Obtain your early bird discount with code "earlybirdUK" until 2nd January 2025.

For more information and registration: https://www.themobileknowledge.com/product/**mifare-open-training-2025-q1/**