

# R&S MOBILE CONNECTIVITY

## Specifications



### Description

The R&S Mobile Connectivity solution combines convenient and secure working with sensitive data on smartphones and tablets.

The BSI has approved the Apple Indigo platform up to VS-NfD – suitable for authorities and security-critical organisations.

The solution enables two environments on just one device: in other words, private and professional use.

It uses familiar standard Apple applications for email, calendar and contacts. No container solution is required.

### Overview

► **Standard devices and guaranteed updates**

The solution provides for the use of standard iPhones and iPads. The provider guarantees free updates for at least 5 years. After the usage has come to an end, resale is possible, with high resale values to be expected as the mobile devices remain standard.

► **One device for private and secure professional use**

Two tasks can be covered with just one mobile device: private and protected use – and without violating compliance with VS-NfD guidelines. The familiar standard Apple applications can be used for email, calendar and contacts in the highly secure area – the solution does not require a container solution. Messenger and browsers for intranet and internet can be pre-installed as an option.

► **R&S Mobile Connectivity solution has BSI approval**

In november 2022, the Apple Indigo solution received an approval recommendation from the German Federal Office for Information Security (BSI) for processing VS-NfD data. The BSI's confirmation as a secure solution means that no additional smart cards or SD cards are required as security anchors; the secure element contained in the devices is sufficient.

► **VS-NfD components used**

The solution comprises three main components: smartphone or tablet end device, VS-NfD-approved VPN gateway and Mobile Device Management (MDM).

► **One solution – from planning to operation**

The security specialists Rohde & Schwarz Cybersecurity and agilimo Consulting offer a comprehensive solution: complete VPN backend, mobile device management (MDM) and automated certificate management.

### Core features

#### Apple Indigo Plattform

► **R&S Mobile Connectivity solution uses iOS Native Devices**

► **Apple Indigo stands for 'iOS Native Devices in Government Operation'** and is a convenient and secure solution developed by Apple for iPhones and iPads used by public authorities. The platform enables the use of end devices for processing data and complies with the VS-NfD standard. Other advantages include the use of standard Apple hardware and software as well as native Apple apps.

Product Flyer  
Version 01.00

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## Security features

### BSI-approved Indigo technology base

The BSI has examined the general security features and the options for secure use of the devices for the iOS and iPadOS operating systems. The tests confirmed the effectiveness of the embedded security features and came to the conclusion that the apps for calendar, contacts and email integrated in commercially available iPhone and iPad devices also complement the existing portfolio of secure mobile solutions when processing information at the classification level 'Classified information – for official use only' (VS-NfD).

The evaluation was carried out by an independent laboratory and the BSI on the basis of the standards and methodology of the internationally recognised Common Criteria. The solution is known as Indigo.

(Source: <https://support.apple.com/fr-fr/guide/certifications/apc37dae516c6/web>)

### Security and usability benefits

- ▶ Native security solution for iPhone and iPads at device level
- ▶ Ideal for high-security and mobile working solutions
- ▶ Meets VS-NfD classification level for high security of classified data
- ▶ Compliant with the General Data Protection Regulation (GDPR)
- ▶ Solution is suitable for compliance with the NIS2 EU directive
- ▶ Significant savings potential through longer use of appliances
- ▶ No additional apps or software required
- ▶ Private use of end devices possible
- ▶ Planning reliability thanks to 5-year manufacturer's warranty for Indigo
- ▶ Working in a modern and familiar (device) environment

## Miscellaneous

### Solution partner agilimo Consulting

agilimo Consulting operates a German Security Operations Center and implements solutions for cyber security, cyber defense and mobile, highly secure working in accordance with the VS-NfD standard. More than two decades of experience in projects for national and international organisations ensure sustainable, secure and high-performance cooperation. The R&S Mobile Connectivity solution was developed together with Rohde & Schwarz Cybersecurity.

### Operating concept as managed mobile service

- Provision of a flexible workplace**
  - ▶ Flexibly scalable from 50 users
  - ▶ Employees ready to work in minutes
  - ▶ Central user administration
  - ▶ Encryption with highest security level
  - ▶ Working independently of the operating system
- Opportunities of Device as a Service (DaaS) – full life cycle management**
  - ▶ Rollout
  - ▶ Accounting
  - ▶ Device handling