



# Kiber 3/3S Solution – System Release Note

## Psiche Release

Classification	Editor	Revision	Approval
Confidential <input checked="" type="checkbox"/>	Andrea Pieraccini	SCM	QM
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## Scope

The purpose of this document is to inform Kiber Platform’s customers, prospects and partners of the most important SW and FW product developments introduced into the Kiber 3/3S solution in all the different areas of the system i.e. Devices’ FW, Mobile App as well as Web Interface.

## Introduction

VRMedia policy about SW/FW releases is to make available to all its customers with a valid support contract in place three releases per year with the following target schedule:

- March
- June
- October

Each release is named according to a Roman deity as ensemble while each SW/FW component released has its own release numbering following the three digits standard such as **X.Y.Z** where:

- The first **digit X** indicates the Major release and is increased whenever the SW includes substantial changes in the architecture, components or implements a new version of the product that makes it no longer backwards compatible with the previous one.
- The second **Y digit** indicates a Minor release and is incremented whenever the SW includes a new feature (or set of new features) or an enhancement of an existing feature, while maintaining backwards compatibility with previous versions.
- The third **Z-digit** indicates a patch release and is increased whenever the SW includes bug correction or stability improvements that do not introduce new features or enhancements to existing functions. Here, too, backward compatibility with previous versions is preserved.

## <Psiche> Release Overview

This latest release of the Kiber 3/3S solution, represents our ongoing commitment to excellence in remote collaboration. With meticulous attention to detail and a focus on user satisfaction, our dedicated team has diligently developed this release to provide an enhanced user experience. Packed with advanced features, improved performance, and bug fixes, this update signifies our dedication to delivering cutting-edge technology for remote collaboration. Upgrade now to experience the seamless capabilities of Kiber, empowering you to stay connected, collaborate effortlessly, and achieve outstanding results. Step into the future of work with Kiber, where remote collaboration reaches new heights.

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### Kiber Web SW Release – Version: 3.13

#### New Feature Summary:

*Teams native integration*  
*HD video streaming quality*

#### Features Descriptions

Feat-ID	Feature Name	Feature Description	Key Benefits
<b>FSD-754</b>	Teams native integration	Join a Teams meeting from inside Kiber and share in Teams the whole Kiber session content	Complete interoperability between Teams and Kiber
<b>FSD-761</b>	HD video streaming quality (optional)	If enabled, two additional video streaming qualities are available (2MB – 1280 x 480, 4MB – 1280x960)	Improved quality of the video communication Improved remote user experience

#### Bug Fixed

BUG-ID	Bug Description
<b>FSD-781</b>	Update management through QR-Code
<b>FSD-777</b>	Wrong behaviour of “timed session” links
<b>FSD-739</b>	Special characters in the Session Code field could lead to improper behaviour
<b>FSD-693</b>	Bandwidth settings reset upon Switch Expert
<b>FSD-434</b>	Occasional glitchy streaming video quality

#### Frequently Asked Questions

**Q1: How can I send an invitation to a Teams session to the field user?**

*A1: The remote expert can copy/paste the link to the Teams session in the Kiber chat window and send the message. The Kiber 3 Field app will prompt to user to connect to the specified session.*

#### Kiber Web SW Release Support & Planning

- Latest Officially Supported Version: 3.9 (March 2023)
- Next Planned Version. @ Oct '23

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### Kiber Field App Release

#### New Feature Summary:

*HD Video streaming quality*

*K3S Wi-Fi tethering mode*

*Enhanced QRCode configuration of Kiber Devices*

*Notification of new version available on App Store*

*Configurator: Wi-Fi network removal*

*Configurator: Network in range refresh*

*Kiber Device Firmware Update Success notification*

#### Supported Operating Systems:

*iOS, Android*

#### Features Descriptions

Feat-ID	Feature Name	Feature Description	Key Benefits	Available for
<b>FSD-470</b>	HD Video streaming quality (optional)	If enabled, two additional video streaming qualities are available (2MB – 1280 x 480, 4MB – 1280x960)	Improved quality of the video communication Improved remote user experience	Android
<b>FSD-638</b>	Kiber Device Firmware Update Success notification	Success of the firmware update operations is explicitly notified to users	Better user experience	Android / iOS
<b>FSD-660</b>	Configurator: Network in range refresh	The configurator UI provides a button to explicitly ask for refreshing the list of networks in range	Easier configuration of Kiber devices	Android / iOS
<b>FSD-703</b>	Configurator: Wi-Fi network removal	The configurator UI provides a button to explicitly delete a Wi-Fi network previously stored on the Kiber Device	Easier configuration of Kiber devices	Android / iOS
<b>FSD-710</b>	Notification of new version available on App Store	Upon launching the app a notification message appears asking to update the app if a new version is present on the App Store	Immediate notification of the availability of new app versions	Android / iOS
<b>FSD-722</b>	K3S Wi-Fi tethering mode	It is now possible to enable K3S mode by tethering a K3S helmet with a smartphone via Wi-Fi instead of through USB	Improved flexibility of usage No need for a USB cable	Android

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<b>FSD-784</b>	Enhanced QRCode configuration of Kiber Devices	FW update and Session parameters settings added to QRcode-based configuration of Kiber Devices	Improved flexibility of usage No need for Bluetooth connection	Android / iOS
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Bug Fixed

BUG-ID	Bug Description
<b>FSD-672</b>	Device may disappear in the "Scan Kiber Devices" panel
<b>FSD-670</b>	Fixed possible connection troubles between Helmets and Mobile configurator
<b>FSD-572</b>	Occasional wrong behaviour in the "Networks parameters" section
<b>FSD-794</b>	Fixed possible troubles when switching between Teams and Kiber
<b>FSD-775</b>	Occasional wrong placement of Teams remote users in the top row
<b>FSD-773</b>	Third party apps audio not heard when Kiber App in background on certain mobile models
<b>FSD-729</b>	Front camera occasionally shown upside-down in landscape mode
<b>FSD-721</b>	Fixed management of remote audio mute in Teams session

Kiber Field App SW Release Support & Planning

- Latest Officially Supported Version:  
Store versions: iOS 2.8 (March 2023), Android 2.0.58 (March 2023)
- Next version: expected October '23

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Kiber Devices FW Release – Version: K3-3.1.32, K3S-3.9.8

K3 device (3.1.32)

New Feature Summary

- Telemetry

K3S device (3.9.8)

New Feature Summary

- Telemetry
- K3S wifi mode

Possibility to use smartphone usb tethering connection

Features Descriptions

Feat-ID	Feature Name	Feature Description	Key Benefits
<b>FFD-K3S/K3-1</b>	Support to telemetry	Data statistics and fleet management	Possible viewing helmet parameters/stats and fleet handling
<b>FFD-K3S-2</b>	K3S wifi mode	Use K3S mode through hotspot smartphone wifi connection	K3S mode experience without cable and higher flexibility

Bug Fixed /Improvement(K3S Device)

BUG-ID	Bug Description
<b>FFD-204</b>	Better quality during smartphone screenshare mode in K3S mode.
<b>FFD-342</b>	K3S connection backup profile added.
<b>FFD-345</b>	Increased robustness during offline video recording.
<b>FFD-347</b>	Better volume in headset during K3 mode.
<b>FFD-352</b>	Indication on helmet display regarding battery replace when low charge.
<b>FFD-355</b>	Sound eco fixed when disabling K3S mode (return to K3 mode).
<b>FFD-365</b>	Improved quality in K3 mode when using usb tethering connection.
<b>FFD-367</b>	Improved user feedback when updating using Qr-code (led blinking and sound signal)
<b>FFD-369</b>	Helmet device information status: handling new FW versioning scheme (one fw packet (fw x.y.z) instead of a fw packet for each component (videoApp x.y/ audioApp x.y, etc...)).
<b>FFD-370</b>	Given the ability to change headset BLE name.

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<b>FFD-377</b>	Better kiber session switching when K3 and K3S have same credentials (client/session).
<b>FFD-372</b>	Better quality video when switching resolution and bitrate through Kiber WEB.
<b>FFD-376</b>	Increased robustness when DNS is not properly configured.
<b>FFD-386</b>	Better High res(1280x960)/high bitrate(2/4 Mbit) handling.
<b>FFD-392-393-387</b>	Increased robustness during update and possible configuration files corruption.
<b>FFD-331</b>	Correct handling of special character in video file name during playback in offline mode.
<b>FFD-360</b>	
<b>FFD-326-285-350-357-371-334-383-391</b>	Bug fixes on configurator backend.
<b>FFD-385</b>	Improved serial number management and changed naming convention
<b>FFD-389</b>	Improved alignment between info stored on the devices and info stored on the Fleet platform

### Bug Fixed /Improvement(K3 Device)

BUG-ID	Bug Description
<b>FFD-331</b>	Correct handling of special character in video file name during playback in offline mode.
<b>FFD-378</b>	Fix corruption tearing in handcam streaming
<b>FFD-372</b>	Better quality video when switching resolution and bitrate through Kiber WEB.
<b>FFD-326-285-350-357-371-334-383-391</b>	Bug fixes on configurator backend.
<b>FFD-389</b>	Improved alignment between info stored on the devices and info stored on the Fleet platform
<b>FFD-387</b>	Added file system check on the partition to avoid files corruption during boot
<b>FFD-385</b>	Improved serial number management and changed naming convention

### Frequently Asked Questions

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**Q1: Does K3/K3S use the same firmware?**

**A1: No. K3/K3S use different firmware.**

**Q2: Can I use all the functionality of K3 in K3S?**

**A2: Yes, K3S is a device with extended functionalities.**

**Q3: Can I use both wifi and usb tethering mode connection at the same time?**

**A3: No, when K3S is usb tethered the wifi is turned off.**

**Q4: Can I configure the network when the device is usb tethered?**

**A4: No, since wifi is turned off when usb tethering is activated.**

**Q5: Is k3s wifi mode or k3s usb tethering mode equivalent?**

**A5: Yes, both mode are equivalent, same functionalities.**

#### Kiber Devices FW Release Support & Planning

- Officially Supported Versions:  
Internal Release Number "Psiche"  
FW versions: 3.1.14.2 (K3), 3.8.3 (K3S)
- Next Planned Version. "Victoria"

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