



# Kiber 3/3S Solution – System Release Note

## Nemesi 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.

## <Nemesi> Release Overview

With the first 2024 Kiber Release, we have taken another step forward with the introduction of new features, to improve our customers’ experience and satisfaction. Along with some bug fixings, the user experience will increase usage performance.

In the following page are stated all the new features and bug fixed introduced with the 3.8 release for the Kiber Web Software, the Field App, and the Firmware Device.

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### Kiber Web SW Release – Version: 3.9

#### New Feature Summary:

*Teams invitations*

*Restricted Azure AD tenant (upon request)*

#### Features Descriptions

Feat-ID	Feature Name	Feature Description	Key Benefits
FSD-574	Teams invitations	Send Teams invitations to field user from inside a Kiber session through the chat	Easier switch from Kiber to Teams sessions
FSD-629	Restricted Azure AD tenant	If the client code is associated to the Azure Active Directory SSO authentication, it is possible to enable restricting this authentication to a specific Azure tenant	Improved security of Kiber sessions

#### Bug Fixed

BUG-ID	Bug Description
FSD-575	Teams link messages management
FSD-616	Pop-Up notifying inability to upload files with unauthorized format
FSD-644	Undo key not clickable with browser resized to narrow windows
FSD-694	Static DNS settings
FSD-695	Screenshot occasionally taken twice
FSD-698	Wrong version number
FSD-706	Saving ScreenShots performed from Full Screen Mode
FSD-650	Content Security Policy compliance for mobile apps
FSD-654	Content Security Policy updates
FSD-699	Content Security Policy compliance for older versions of iOS
FSD-706	Incorrect placement of icons in the gallery in Full Screen mode
FSD-711	Occasional improper management of screenshots/uploads coming from mobile field app

#### 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, upon receiving the message, will prompt to user to connect to the specified session.*

#### Kiber Web SW Release Support & Planning

- Latest Officially Supported Version: 3.6 (November 2022)
- Next Planned Version. 3.13 @ March '22

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### Kiber Field App Release

#### New Feature Summary:

*Audio input volume adjustment*

*Custom server specification*

*Local network screen share*

*Hi-res screen sharing from/to iOS mobiles*

#### Supported Operating Systems:

*iOS, Android*

#### Features Descriptions

Feat-ID	Feature Name	Feature Description	Key Benefits	Available for
<b>FSD-618</b>	Audio input gain slider	Enables adjusting the audio input volume gain	Better communication with remote users (the field user can set up the optimal volume level)	Android
<b>FSD-622</b>	Custom server specification	Enables specifying a custom server address for the connection to a Kiber session	Enabling a Kiber Session also in local networks or through a VPN	Android
<b>FSD-633</b>	UDP local screen share	If a mobile and a helmet are connected to the same wi-fi, the mobile can stream its screen sharing to helmet using UDP over the local network in order to support a higher resolution	Better quality of mobile screen sharing to a Kiber Helmet	Android
<b>FSD-692</b>	Hi res screen sharing from iOS mobile to other peers	When a high streaming bitrate is selected by the remote user, the screen shared by the field mobile is streamed with a higher resolution	Improved user experience on iOS Better knowledge sharing from remote to field users	iOS
<b>FSD-696</b>	Hi-res screen sharing to iOS mobile from experts	When high quality is selected by the remote user upon screen sharing, the field mobile displays the stream with a higher resolution	Improved user experience on iOS Better knowledge sharing from field to remote users	iOS
<b>FSD-541</b>	Configurator: disconnect device	It is now possible to disconnect a Kiber Device previously connected on the configurator	Improved flexibility of configurator usage	Android / iOS
<b>FSD-664</b>	Configurator: QR-code based network configuration	The Kiber Field app enables configuring network to a Kiber Device producing a QRCode, in addition to the existing mode based on BLE connection	Improved user experience Resilience to Bluetooth connection problems	Android / iOS

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<b>FSD-736</b>	Alert for low Helmet Battery in K3S mode	The Kiber Field app in k3S mode shows an alert when the Helmet Battery is low, in order to allow a timely battery swap	Improved user experience	Android
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## Bug Fixed

BUG-ID	Bug Description
<b>FSD-391</b>	Interaction with WEB session when Android Mobile is already connected
<b>FSD-449</b>	Coordination between Mobile K3s and Expert application
<b>FSD-605</b>	Warning upon Helmet connection with active Mobile App
<b>FSD-613</b>	Web app zoom slider behavior when switching between K3s helmet and thermal camera
<b>FSD-620</b>	Improved "screenshot" and "screenshare" mode in K3S sessions
<b>FSD-625</b>	Memory leak in audio sessions
<b>FSD-636</b>	Expert panel multiplied on the viewers.
<b>FSD-649</b>	Incorrect streaming following repeated switch between Mobile and Helmet
<b>FSD-704</b>	Crash Mobile iOS App upon repeated ScreenShot requests
<b>FSD-517</b>	New Wi-Fi pairing failed to update in Live
<b>FSD-610</b>	Pop Up Change Device Name
<b>FSD-611</b>	Saving and requesting connection to new Wi-Fi
<b>FSD-621</b>	Problems connecting to Helmet following "delete paired Device"
<b>FSD-626</b>	Disconnect selected devices
<b>FSD-632</b>	Wi-Fi list information after clicking on "Add new priority Wi-Fi"
<b>FSD-637</b>	Add new priority wi-fi connection with custom server
<b>FSD-640</b>	No indication "Custom Server" from section "Open network parameters"
<b>FSD-656</b>	Device Settings   "No connected devices" notification
<b>FSD-657</b>	Kiber System information
<b>FSD-661</b>	Inability to Add new Wi-Fi if the network name is less than 6 characters
<b>FSD-663</b>	Disconnection as a result of Service not Found
<b>FSD-665</b>	Contact Us from Mobile App Home
<b>FSD-669</b>	Scan devices following session login/logout
<b>FSD-671</b>	Network connection from Generate QRCode & share
<b>FSD-673</b>	Change Client Code
<b>FSD-674</b>	Issues upon HandCam connection after a network name change
<b>FSD-675</b>	Occasional failures to connect to Helmet or HandCam
<b>FSD-678</b>	Custom Server and Mobile Session Access
<b>FSD-679</b>	Custom server view after clicking con Cancel
<b>FSD-681</b>	Generate WiFi QR Code for custom DNS or custom Ip Address
<b>FSD-687</b>	Failure to connect via QR-Code with Ip Address customization
<b>FSD-704</b>	Possible crash of iOS app upon repeated screenshot requests
<b>FSD-735</b>	Occasional duplicate of USB tethering dialog may appear

## Frequently Asked Questions

**Q1: The remote user receives a low volume audio from the field even if he/she has activated Volume Boost on the web page. What can the field user do?**

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A1: In addition to the standard procedures (ensure that the helmet microphone is close to the field user lips and correctly oriented), the field user can now apply a digital amplification to its microphone through the “Audio settings” panel in the Utilities section

**Q2: I need to configure network settings for my Kiber device but I have problems with the Bluetooth connection with my mobile: is there another way to configure the Kiber device network settings?**

A2: Yes, now the Kiber3 Field configurator can generate a QRCode that can be used to configure Kiber devices. Set the desired network parameters in the configurator, generate the corresponding QRCode and frame it with the Kiber device camera.

Kiber Field App SW Release Support & Planning

- Latest Officially Supported Version:  
Internal Release Number 3.6  
Store versions: iOS 2.5 (November 2022), Android 2.0.42 (November 2022)
- Next Planned Version. Internal Release Number 3.13.0 @ March '22

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### Kiber Devices FW Release – Version: 3.8.3

#### K3 device

No FW release

#### K3S device

##### New Feature Summary

- Expert preview disabled when exiting from session
- Get info regarding kiberserver connection status from kiber configurator
- During FW update the helmet status led turns orange

##### Features Descriptions

Feat-ID	Feature Name	Feature Description	Key Benefits
FFD-309	Expert preview not shown when exits session	After 3 seconds that the primary expert exits the session, its preview is not shown in visor top-left corner	-increased clarity
FFD-136	Kiberserver connection status info sent to kiber configurator	Using the kiber configurator is possible to get info regarding kiber device connection to kiberserver	-more information provided about kiber helmete status to kiber configurator
FFD-86	Led feedback during FW update procedure	During the FW update the status led on helmet rear-system turns orange	-feedback when fw updating

##### Bug Fixed (K3S Device)

BUG-ID	Bug Description
FFD-298	Update available info removed from visor (useless in k3s)
FFD-296	Fixed expert screen share streaming corruption in k3s mode
FFD-289	Fixed an issue on the network connection profile at startup that causes connection to wrong network
FFD-287	Correct handling of wi-fi network with ‘:’ in its name
FFD-254	Bug fix on test 24h procedure
FFD-196	Bug fix when switching incoming video (e.g., from screen-share to mobile) slowdowns the system
FFD-162	Bug fix on FW update procedure
FFD-159	Bug fix on taking snapshot in offline mode
FFD-327	Bug fix on primary and secondary network info send to kiber configurator
FFD-324	Bug fix on helmet wireless configuration that prevents wifi scanning for new networks
FFD-338	Bug fix on tethering usb activation during helmet boot phase
FFD-340	Bug fix on helmet random crash during session

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### Frequently Asked Questions

#### Kiber Devices FW Release Support & Planning

- Latest Officially Supported Versions:  
FW versions: 3.1.14.2 (K3), 3.7.2 (K3S)
- Next Planned Version. 3.10 @ March'23

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