

# R&S®VENICE

## Release Notes

# Software Version 3.3.2.19

© 2017 Rohde & Schwarz GmbH & Co. KG  
Hanomaghof 1, 30449 Hanover, Germany  
Phone: +49 511 67 80 70  
Fax: +49 511 37 19 74  
E-mail: [service.dvs@rohde-schwarz.com](mailto:service.dvs@rohde-schwarz.com)  
Internet: [rohde-schwarz.com](http://rohde-schwarz.com)

Subject to change

R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG. Trade names are trademarks of the owners.

The following abbreviations are used throughout this document: R&S®VENICE is abbreviated as R&S VENICE.

# Contents

<b>1</b>	<b>Information on the Current Version and History</b> .....	<b>3</b>
1.1	New Functions .....	3
1.2	Modified Functions .....	3
1.3	Improvements .....	4
1.4	Known Issues.....	6
1.5	Supported operating systems .....	6
<b>2</b>	<b>Modifications to the Documentation</b> .....	<b>7</b>
<b>3</b>	<b>Firmware Update</b> .....	<b>8</b>
3.1	Validity Information .....	8
3.2	Updating the Firmware.....	9
<b>4</b>	<b>Customer Support</b> .....	<b>10</b>

# 1 Information on the Current Version and History

## 1.1 New Functions

The following table lists the new functions and indicates the version in which the new function was introduced:

Version	Function
VENICE 3.3.2.19	<b>Signal events</b> <ul style="list-style-type: none"> <li>Venice GUI now shows messages for several events, e.g. a lost or found input signal.</li> </ul> <b>Closed captions</b> <ul style="list-style-type: none"> <li>Added support for CDP-608 and CDP-708.</li> </ul> <b>VENICE 4K</b> <ul style="list-style-type: none"> <li>Enabled Group Mode.</li> </ul>
VENICE 3.3.2.16	-
VENICE 3.3.2.12	<b>MXF</b> <ul style="list-style-type: none"> <li>OPAtom now supports all timecode types (e.g.: Time of day, DVITC) instead of only internal timecode.</li> <li>Transforming supports transwrapping of XAVC 4K files. This applies when source and destination use the same format.</li> </ul> <b>LXF</b> <ul style="list-style-type: none"> <li>ANC data read-out from LXF files.</li> </ul> <b>Logging</b> <ul style="list-style-type: none"> <li>VENICE GUI writes its own log files. You can find these log-files in the following paths: <ul style="list-style-type: none"> <li>Windows: %APPDATA%\DVS\Venice\log</li> <li>Mac: ~/DVS/Venice/log</li> <li>Linux: ~/.DVS/Venice/log</li> </ul> </li> <li>Client logs contain a new and more detailed header.</li> </ul>

## 1.2 Modified Functions

The following table lists the modified functions and indicates the version in which the modification was carried out:

Version	Function
VENICE 3.3.2.19	-
VENICE 3.3.2.16	<b>Dual Destination</b> <ul style="list-style-type: none"> <li>Dual Destination records won't stop anymore if one destination is full. Instead the destination will drop frames and the record will keep running until the other destination finished its clip.</li> </ul>
VENICE 3.3.2.12	<b>Logging</b> <ul style="list-style-type: none"> <li>Gather logs collects the client log-files. If you want to collect the log-files from the server, please use the Maintenance Client.</li> </ul>

## 1.3 Improvements

The following table lists the improvements and indicate since which version the issue could be observed:

since	Function
VENICE 3.3.2.19	<p><b>Scaling</b></p> <ul style="list-style-type: none"> <li>It is now possible to force interlaced or progressive scaling.</li> </ul> <p><b>Server configuration</b></p> <ul style="list-style-type: none"> <li>Fixed a bug where Veniceserver did not start after the user was changed in the Service.conf.</li> </ul> <p><b>SCC</b></p> <ul style="list-style-type: none"> <li>Fixed that a line overflow in SCC aborted the SCC file writing.</li> </ul> <p><b>VENICE 4K</b></p> <ul style="list-style-type: none"> <li>Enabled more proxy formats in UHD.</li> <li>Added downconvert configuration.</li> <li>Enabled image sequences for UHD (depending on licence).</li> </ul> <p><b>Avid Workflow</b></p> <ul style="list-style-type: none"> <li>Fixed that the browse dialog could be stuck on the AWO.</li> </ul> <p><b>Channel disconnect</b></p> <ul style="list-style-type: none"> <li>Fixed a rare crash of the realtime server (Avus) that would result in a channel disconnect.</li> </ul> <p><b>VDCP</b></p> <ul style="list-style-type: none"> <li>Fixed incorrect handling of clips that have a timecode wrap around (TC starting before midnight and ending after midnight).</li> </ul> <p><b>VENICE View</b></p> <ul style="list-style-type: none"> <li>Time of day timecode is now delivered to VENICE View correctly.</li> </ul>
VENICE 3.3.2.16	<p><b>Ingest/Transcode</b></p> <ul style="list-style-type: none"> <li>Fixed wrong aspect ratio for SD in some codecs (DV, DVCPPro, XDCam)</li> <li>Added a button to the GUI to delete entries from the metadata tape name field.</li> </ul> <p><b>XAVC</b></p> <ul style="list-style-type: none"> <li>Fixed some warnings to be compliant with SonyFormatVerifier.</li> <li>Disabled 50p and 59.94p for XAVC intra class 50 (as it is not supported by that format)</li> </ul> <p><b>Playout</b></p> <ul style="list-style-type: none"> <li>Fixed artefacts while decoding MXF/MOV clips with DV or DVCPPro in 720x480.</li> </ul> <p><b>Group Mode</b></p> <ul style="list-style-type: none"> <li>Added a check to prevent one channel to write into the same clip as another channel on the same Venice during group record.</li> </ul> <p><b>MXF</b></p> <ul style="list-style-type: none"> <li>Fixed that the last audio track was sometimes slightly longer than the others (which was not audible but caused a warning in MXF validators).</li> </ul> <p><b>FIMS</b></p> <ul style="list-style-type: none"> <li>Fixed that stopping a FIMS job could lead to "completed" jobs with less than 100% progress.</li> </ul> <p><b>Logwatch</b></p> <ul style="list-style-type: none"> <li>Fixed a bug where changing the system time could lead to wrong timestamps in log files.</li> </ul> <p><b>XDCam</b></p> <ul style="list-style-type: none"> <li>Added colour metadata (TransferCharacteristic, CodingEquations, ColorPrimaries) to generic OP1a MPEG2 clips to avoid warnings in validators.</li> </ul>

since	Function
	<p data-bbox="598 315 767 342"><b>Update from 3.2</b></p> <ul data-bbox="646 349 1382 400" style="list-style-type: none"><li data-bbox="646 349 1382 400">• Fixed a bug that could lead to a hanging Veniceserver after update from Venice 3.2.x to 3.3.x</li></ul> <p data-bbox="598 407 707 434"><b>Quicktime</b></p> <ul data-bbox="646 441 1406 492" style="list-style-type: none"><li data-bbox="646 441 1406 492">• Fixed potentially wrong audio sample count in clips written using edit-while workflows.</li></ul>

## 1.4 Known Issues

The following table lists the known issues of this version:

<b>Install</b>
<ul style="list-style-type: none"><li>• After installing the software on a VENICE 4K systems, there is a rare chance that the channel does not start correctly. In this case, you need to reboot the system once.</li></ul>
<b>Dual Destination</b>
<ul style="list-style-type: none"><li>• Dual Destination ingests will not stop one destination if it is full. Instead this destination will drop frames until the other destination finished recording.</li></ul>
<b>Group Mode on VENICE 4K</b>
<ul style="list-style-type: none"><li>• Overlays in VENICE GUI and VENICE View are sometimes out of sync.</li></ul>
<b>Licensing</b>
<ul style="list-style-type: none"><li>• New licence bit "UHD sequences" is functional but not visible in Control Panel.</li></ul>

## 1.5 Supported operating systems

The following table lists the supported operating systems for this version:

<ul style="list-style-type: none"><li>• Windows 7, 8, 10 (64 bit) (client only)</li><li>• Mac OS X 10.9, 10.10, 10.11, 10.12 (client only)</li><li>• RHEL 6.2, 6.4 (64 bit)</li></ul>
---

## 2 Modifications to the Documentation

- The current user manual relates to software version 3.1.
- The “supported file formats” manuals are now available for VENICE 2U and VENICE 4K.

## 3 Firmware Update

### Digilab2 firmware version 2.7.4.6 (for VENICE 4K)

Please note: Updating the Digilab2 firmware is mandatory for all systems listed below.

Since	Function
2.9.1.9	<ul style="list-style-type: none"> <li>Added support for HDMI 2.0.</li> </ul>
2.7.4.6	<ul style="list-style-type: none"> <li>Avoid driver log flooding with ANC FIFO error reports</li> <li>Fixed issue with massive SDI/DP display interrupt generation after a raster switch.</li> <li>Avoid a QUAD output tile sometimes "jumping" by 1 pixel.</li> <li>Improved HDMI output compatibility</li> </ul>
2.6.22.1	<ul style="list-style-type: none"> <li>HD down-convert support</li> <li>Improved audio in video (AIV) support</li> <li>Disabled Legacy IRQs in interrupt controller</li> </ul>

### Atomix HDMI firmware version 7.6.3.1\_7.1.5 (for VENICE 2U and 4U)

Please note: Updating the Atomix HDMI firmware is mandatory for all systems listed below.

Since	Function
7.6.3.1_7.1.5	<ul style="list-style-type: none"> <li>Fixed rare audio input error in conjunction with asynchronous SDI switching. If the incoming SDI signal was switched outside the switching line a persisting audio disturbance could happen.</li> </ul>
7.6.2.15_7.1.5	<ul style="list-style-type: none"> <li>Fixed an issue of black pixel column on the left side of the picture which could occur when ingesting YUV422. This problem was introduced in firmware 7.6.2.13_7.1.3.</li> <li>Increased tolerance for RS422 baud rate deviation (ex: improved VDCP hardware compatibility).</li> </ul>

### 3.1 Validity Information

Firmware update is compatible for the following devices:

#### Supported systems for firmware update:

Device	Models
VENICE 4K	All models
VENICE 2U	All models
VENICE 4U	Equipped with Atomix HDMI boards



## 3.2 Updating the Firmware

Please follow the instructions "Update the Firmware on the VENICE Server" in the user's manual delivered with your VENICE system.

Before updating the firmware on the VENICE server, it is recommended to update the VENICE server software.

Depending on the installed video boards, it is necessary to install different firmware versions. Check the video board in the DVS Control Panel.

## 4 Customer Support

### Technical support – where and when you need it

For quick, expert help with any Rohde & Schwarz equipment, contact one of our Customer Support Centers. A team of highly qualified engineers provides telephone support and will work with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz equipment.

### Up-to-date information and upgrades

To keep your system up-to-date and to be informed about new application notes related to your system, please send an e-mail to the Customer Support Center stating your system and your wish. We will take care that you will get the right information.

#### Headquarters

Phone: +49-511-67807-125

Fax: +49-511-371985

[service.dvs@rohde-schwarz.com](mailto:service.dvs@rohde-schwarz.com)

#### North America

Phone 1-888-TEST-RSA (1-888-837-8772)

[customer.support@rsa.rohde-schwarz.com](mailto:customer.support@rsa.rohde-schwarz.com)

#### Latin America

Phone +1-410-910-7988

[customersupport.la@rohde-schwarz.com](mailto:customersupport.la@rohde-schwarz.com)

#### Asia/Pacific

Phone +65 65 13 04 88

[customersupport.asia@rohde-schwarz.com](mailto:customersupport.asia@rohde-schwarz.com)

#### China

Phone +86-800-810-8828 / +86-400-650-5896

[customersupport.china@rohde-schwarz.com](mailto:customersupport.china@rohde-schwarz.com)