

ROHDE & SCHWARZ

Make ideas real



R&S® VENICE INGEST SERVER

Brochure | Version 05.00



R&S®VENICE INGEST SERVER ENDLESS POSSIBILITIES AND BENEFITS

R&S®VENICE has the software architecture and scalability to flexibly adapt to your requirements. The best scenario for studio and live applications is just a software license away. The R&S®VENICE microservice core paired with commercial off-the-shelf hardware and a video I/O board designed by Rohde&Schwarz, form the foundation of the system. R&S®VENICE can connect to traditional SDI infrastructure as well as IP infrastructure – you control how quickly you adopt a future architecture.

R&S®VENICE – built for today, ready for tomorrow.

FEATURES AND BENEFITS

On-air reliability

The entire system has no single point of failure thanks to redundancy in every system-relevant component.

Hybrid SDI/IP functionality

The unique R&S®VENICE board design enables it to switch from SDI to IP (ST 2110) by simply changing out the SFP+ modules.

Scalability

R&S®VENICE can be scaled to meet your requirements, no matter how many channels and how much storage capacity or bandwidth you need.

UHD and HDR-ready

R&S®VENICE supports UHD material up to p60. In addition to standard Rec709 color space, R&S®VENICE supports Rec2020 for high quality HDR productions.

High channel density

With up to two UHD p60 channels or up to eight HD p60 channels in a module that takes up just 2 HU, R&S®VENICE is a fully packed powerhouse.

Comprehensive software based codec support









R&S®VENICE minimizes the need for transcoding by supporting multiple software based codecs that can be expanded with future software updates.

Interoperability

R&S®VENICE is highly interoperable with support for VDCP, FIMS, MOS and other communications protocols. It is ideal for today's best-in-class setups and broadcasters can integrate R&S®VENICE into any media value chain.

Storage options

R&S®VENICE can have up to 24 Tbyte internal RAID storage and natively integrates into Spectrum Scale infrastructure with R&S®SpycerNode.

-  Reliability
-  Hybrid SDI / IP
-  Scalability
-  UHD / HDR
-  High channel density
-  Multi-codec support
-  Interoperability
-  Storage options



R&S®VENICE FOR STUDIO PRODUCTION

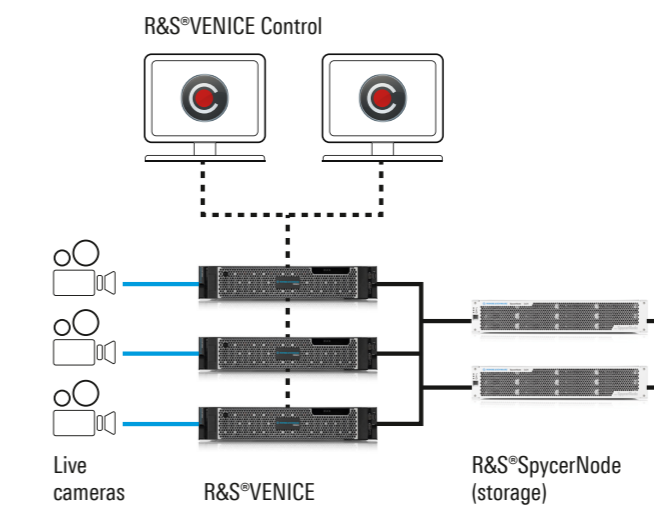
R&S®VENICE is ideal for studio applications. The improved software architecture, rich feature set and versatile software let you use well-established studio applications at an unprecedented level. From multicamera ingest to transform operations, studio playout and much more, R&S®VENICE is ready for your challenges. R&S®VENICE – unmatched flexibility.

R&S®VENICE APPLICATION SUITE

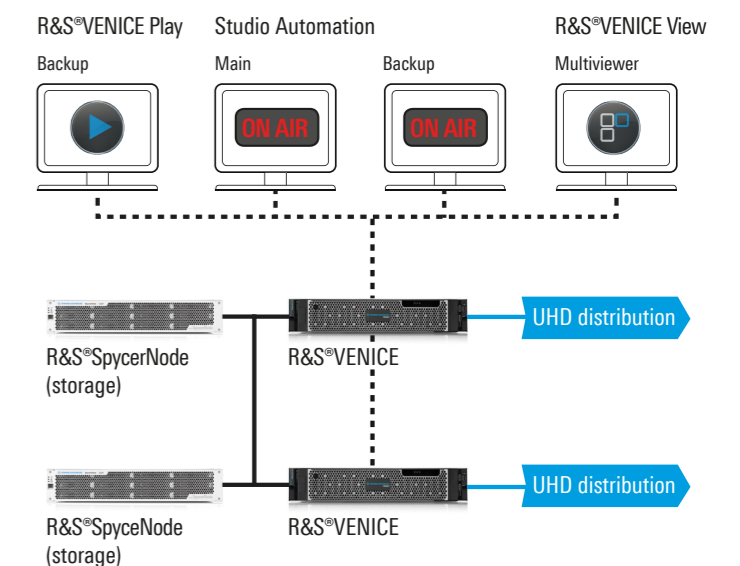
R&S®VENICE UI
R&S®VENICE comes with R&S®VENICE UI, a single pane Windows application that supports all R&S®VENICE workflows. R&S®VENICE UI is optimized for fast-paced studio production days. Combined with a server that can dynamically and spontaneously change configurations, operators focus on the production. The strict client-server architecture brings the stability expected from a professional studio tool.

R&S®VENICE View
R&S®VENICE View is a dedicated multiviewer application from Rohde&Schwarz and a great addition to the R&S®VENICE product line. R&S®VENICE View uses a sophisticated IP based software architecture that makes costly conventional SDI infrastructure and dedicated multiviewer hardware obsolete.

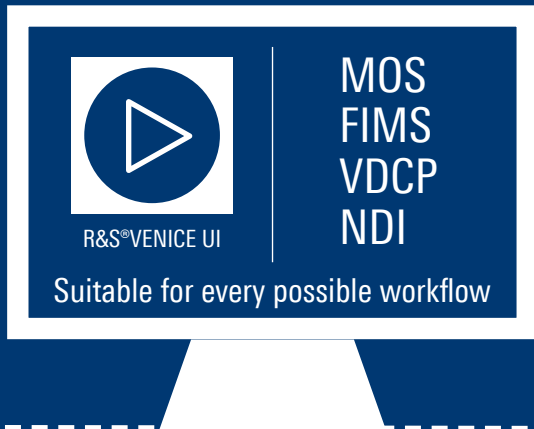
Multicamera ingest



Studio playout



YOUR CENTER OF EXCELLENCE FOR LIVE AND STUDIO APPLICATIONS



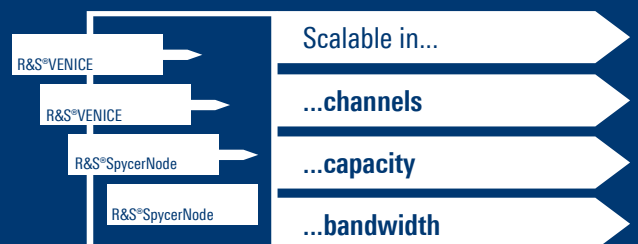
24
7 **365**
on-air reliability

Reliable – Future-proof – Scalable – Versatile



SDI and IP support

High channel density:
8 × HD or 2 × UHD-1
in 2 HU



Rohde & Schwarz

The Rohde & Schwarz technology group is among the trailblazers when it comes to paving the way for a safer and connected world with its leading solutions in test & measurement, technology systems and networks & cybersecurity. Founded 90 years ago, the group is a reliable partner for industry and government customers around the globe. The independent company is headquartered in Munich, Germany and has an extensive sales and service network with locations in more than 70 countries.

www.rohde-schwarz.com

Service at Rohde & Schwarz You're in great hands

- ▶ Worldwide
- ▶ Local and personalized
- ▶ Customized and flexible
- ▶ Uncompromising quality
- ▶ Long-term dependability

Sustainable product design

- ▶ Environmental compatibility and eco-footprint
- ▶ Energy efficiency and low emissions
- ▶ Longevity and optimized total cost of ownership

Certified Quality Management

ISO 9001

