



Video streaming



Watch when and where you want – this is the claim that ORS fulfils with its innovative complete solutions for video streaming. Whether it's live streaming, time-shift, catch-up TV or event streaming – the broad range of video streaming products from ORS allows TV audiences to access and consume moving image services flexibly, independent of time and place.

ORS not only brings the content providers' programming to linear TV channels, but also provides the hosting and playout platform, if desired. The content delivery network (CDN) can be organised using a wide variety of technologies such as overlay networks or multicast.

THE ORS SERVICE PORTFOLIO

No matter what TV programme or event is due to be broadcast via live stream, ORS finds the right streaming solution and supplies everything from one single source – from planning and implementation through to support.



ORS provides comprehensive solutions in the area of streaming, ranging from signal acquisition to content playout.

INDIVIDUAL LIVE STREAMING REALISATIONS

- Whether it's live streaming of TV programmes, events or Live-to-VoD: ORS implements live streaming solutions with proficiency

DIGITAL RIGHTS MANAGEMENT

- ORS takes care of all aspects of digital rights management for the video streams (e.g. copyright protection for music videos, etc.)

CATCH-UP-TV

- ORS provides various catch-up TV services to TV and content providers from planning to optimal technical implementation

MODERN CONTENT-DELIVERY-NETWORK (CDN)

- Fail-safe delivery of the video streams is ensured by state-of-the-art technology and our own content delivery network (CDN). This can be organised using a wide variety of technologies such as overlay networks or multicast. The CDN is designed to carry extremely high loads (up to 400 Gbit/s via the ORS CDN and up to 1000 Gbit/s via load shedding to a third-party CDN)

ADAPTIVE STREAMING

- All ORS video streaming solutions offer adaptive streaming, which automatically adapts bandwidth requirements to the needs of different content and reception situations

EVENT STREAMING

- For temporary events, ORS guarantees the signal contribution using the SRT and RTMP transmission protocols. This guarantees flexible content playout on various social media platforms and content hubs
- Server-side ad insertion projects can be implemented if required



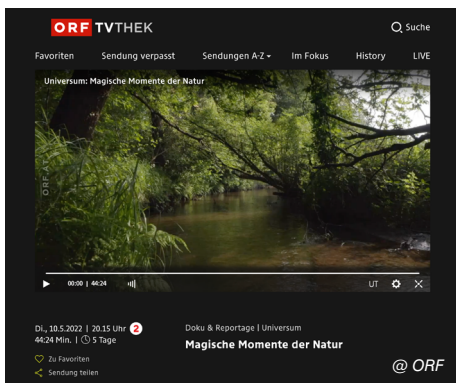
Whether it's live streaming, catch-up TV or event streaming – ORS has a wide range of video streaming products available.



TV consumption in the digital age requires a modern content delivery network.



Flexible and location-independent television on laptops, smartphones and tablets with simpliTV streaming.



ORS successfully implemented the entire live streaming for the ORF TVthek library.

REFERENCES

simpliTV STREAMING

ORS also launched its own streaming product for the TV platform simpliTV. Numerous practical streaming functions and on-demand features ensure personalised TV enjoyment. Whether 7-day replay, start/stop, restart or recording with the personalised TV channel, ORS has the right choice. video recorder – the innovative TV experience can be used not only via an app on the smart TV, but also on all mobile devices such as smartphones or tablets.

A number of practical streaming functions make watching TV a flexible experience: the “start-stop” function allows the programme to be paused at will, and the “restart” function makes it easy to restart programmes that are currently running from the beginning. If you miss a programme, you can still watch it a week after it aired using the “7-day replay” function. The personal online video recorder can also be used to record up to 30 hours of TV programming, which can be accessed at any time.

LIVE STREAMING FOR ORF TVTHEK

The ORF TVthek offers a comprehensive video-on-demand service of more than 220 ORF TV programmes as well as over 30 video archives covering contemporary and cultural history. In addition, live streams of numerous broadcasts are available. Among other things, ORS implemented the live streaming function, thus providing flawless access to media content for around 1.7 million users every month.

LIVE STREAMING AND VIDEO-ON-DEMAND FOR THE AUSTRIAN PARLIAMENT

With the parliamentary media centre, the Austrian parliament offers live streams of all plenary sessions of the National Council and the Federal Council, including sign language interpretation. For the project realisation, ORS opted for a future-proof hybrid solution that offers the best of the worlds of cloud and local infrastructure.



More information at
ors.at/en/streaming/video-streaming