

RPO-25

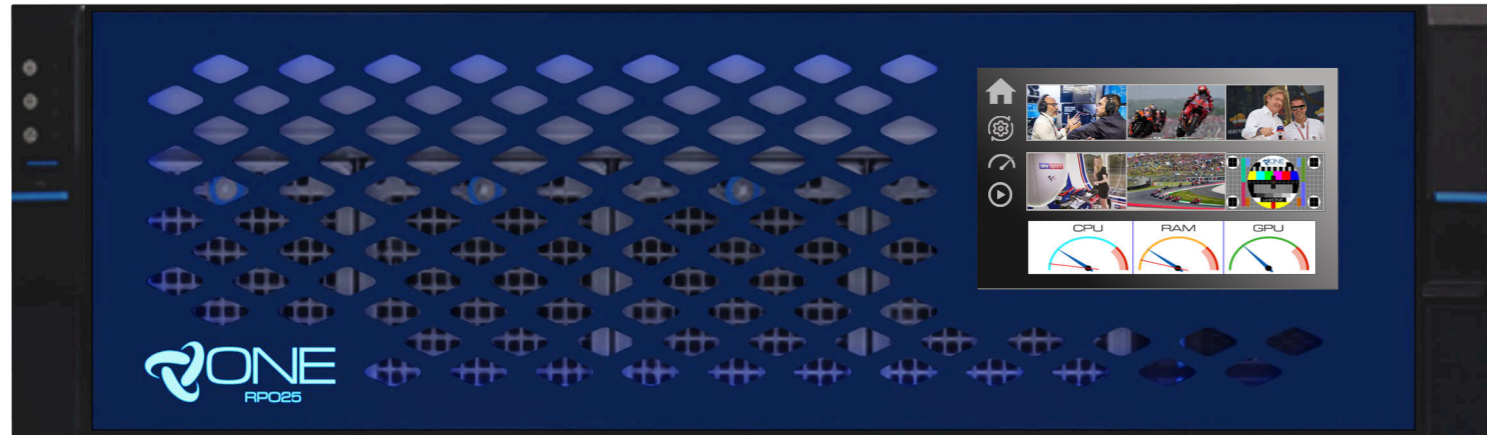
Remote Production Organizer



The essential tool for remote production

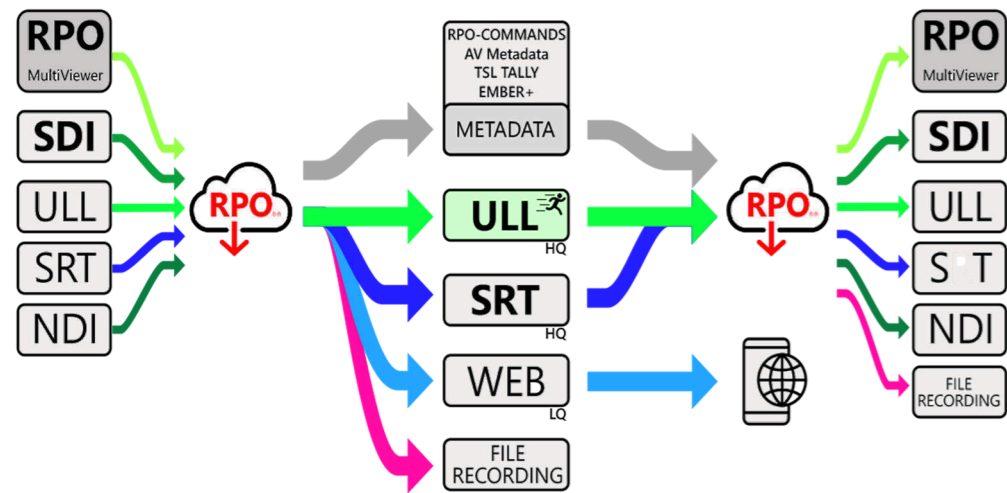


SOFTWARE DEFINED MEDIA NODE



Developed by our R&D team, it is the result of a long experience in traditional production to deliver the maximum benefits without the inconvenience of compromises in remote operations. It maintains full interoperability with existing legacy equipment while guaranteeing image quality, stable streams with ultra-low latency and low bandwidth consumption.

RPO-25 is a software-defined media node that can perform a variety of real-time functions for a wide range of applications including contribution and wide-area media transport, for production facilities and converged LAN/WAN networks for remote or on-the-venue productions.



Supporting both H.264 and HEVC codecs with 24 under-the-hood video encoding cores, the RPO25 provides up to eight 3G-SDI in/out, enabling the process of two 4K/UHD or up to eight 1080p HD sources.

Encode with 4:2:2 chroma subsampling and 10-bit pixel depths for high dynamic range video in S-LOG3 or HLG, for a more amazing viewing experience.

Allows countless live control functions of video and audio such as video format, color space subsampling, color correction and audio channels level and mapping.

The RPO25 encoder embeds timestamps into outgoing streams which are used by the decoder to ensure frame synchronization before outputting to SDI. Keep all your encoded video streams in sync even when transporting live feeds across IP networks such as the Internet.

RPO25 can record all sources intended for transmission and receiving channels in many video formats (QTFF, DNX, MOV, MXF, MP4).

A fully customisable multiviewer is available for viewing all source channels (RX/TX) and can be streamed. Compatible for UMD and TALLY with TSL and VSM protocols.

All audio embedded channels can also be routed via MADI inputs and outputs.