

LAWO SOLUTIONS FOR STATE OF THE ART RADIO



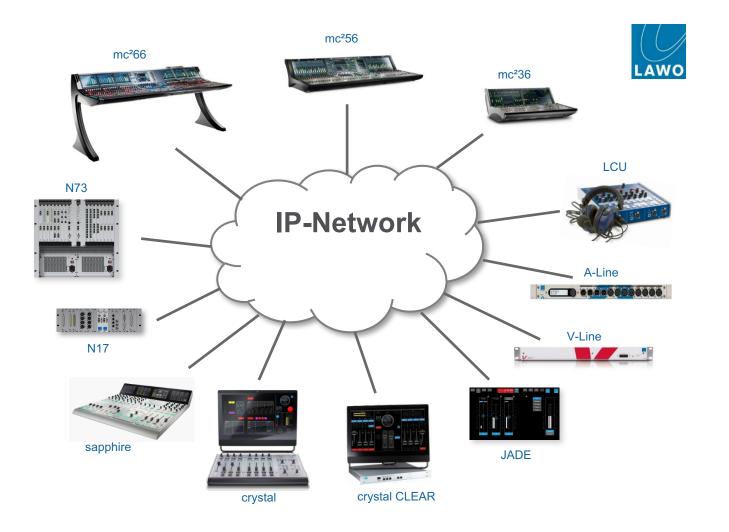


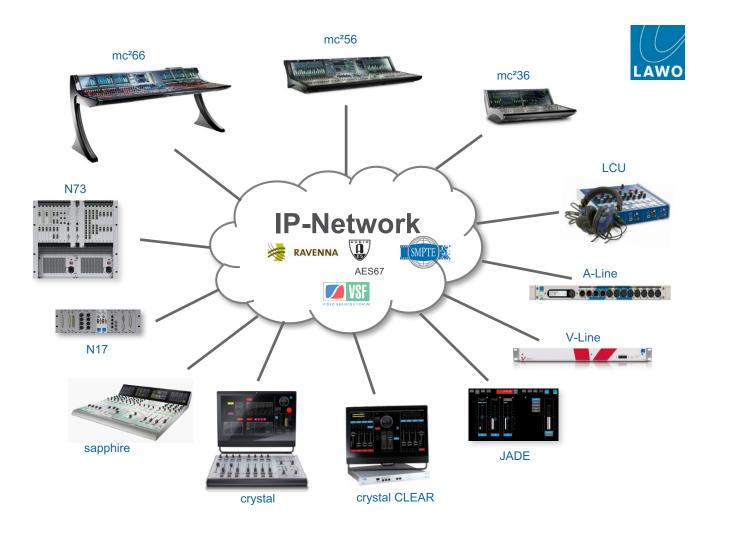
Who Is Lawo?

Broadcast 3.0







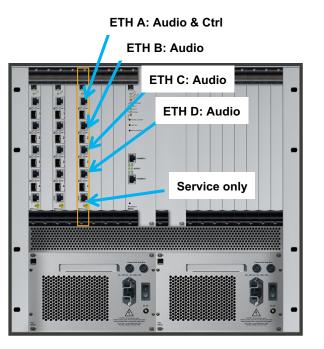




IP AUDIO NETWORKING

mc² series / NOVA73





FACTS

RAVENNA 4-Port NOVA Extension card (981/61)

Channels: 512 in / 512 out in total (128 in / 128 out per port)

Connectivity: Backplane

Two working modes: RAVENNA Link (Point-to-Point) RAVENNA/AES67 (IP Layer 3)

Existing RAVENNA-Link installations can be upgraded to full RAVENNA/AES 67 with firmware update

DALLIS INTERFACE



FACTS

RAVENNA/MADI DALLIS Mastercard (947/22)

Channels: 128 in / 128 out

Two working modes: RAVENNA Link (Point-to-Point) RAVENNA/AES67 (IP Layer 3)

Existing RAVENNA-Link installations can be upgraded to full RAVENNA with firmware update





Nova17 / sapphire





RAVENNA EXTENSION CARD

FACTS

DALLIS RAVENNA Extension card (946/42)

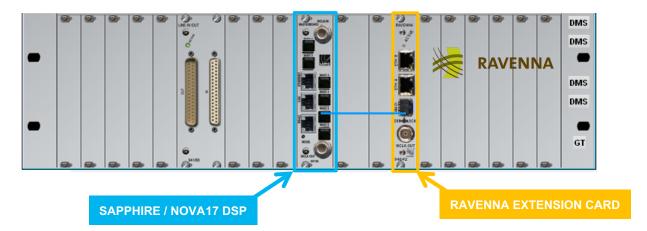
Channels: 64 in/out or 8 in/out

Two working modes: 64ch. MADI stand-alone conversion 8ch. Backplane Mode



Nova17 / sapphire





FACTS

DALLIS RAVENNA Extension card (946/42)

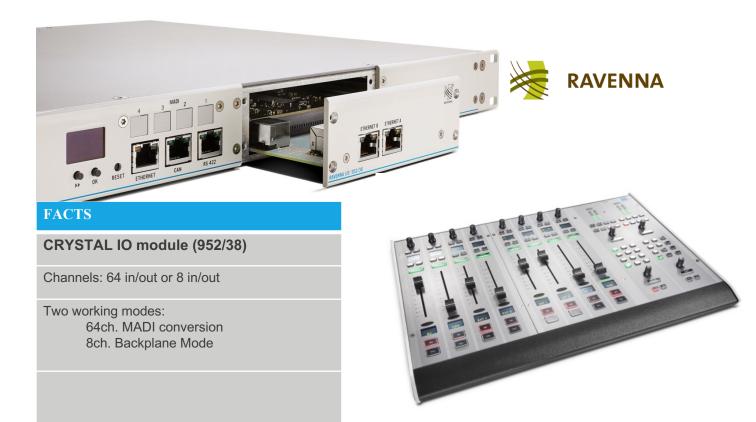
Channels: 64 in/out or 8 in/out

Two working modes: 64ch. MADI stand-alone conversion 8ch. Backplane Mode













FACTS

RAVENNA/AES67 device

8 Mic, 4 Line Out

8 GPI in & 8 GPI Out

Power over Ethernet (PoE)

Cat5 (up to 100m/328ft) or Coax (up to 1000m/3280ft)









FACTS

RAVENNA/AES67 device

8 AES Inputs, 4 AES Outputs

8 GPI in & 8 GPI Out

Power over Ethernet (PoE)

Cat5 (up to 100m/328ft) or Coax (up to 1000m/3280ft)









FACTS

Converter between RAVENNA & MADI

Flexible SFPs

2 converter units per box

Various modes possible:

- 64/128 channel conversion 1:1
- 64 channel MADI to RAVENNA Link adapter for mc²36







APPLIED IN THE STUDIO

Live / OnAir





Live / OnAir



Here is where your talents really focus

Simplify operation





AMix AGn	

AutoGain

DJ or guest just talks for 5 seconds. The console sets the analog mic gain automatically to ensure proper levels.

Engage \rightarrow Talk \rightarrow Signal OK

Simplify operation





AutoMix

Put multiple mics into AutoMix

The desk automatically mixes the mics to always ensure a proper audio levels and clean and punchy sound.



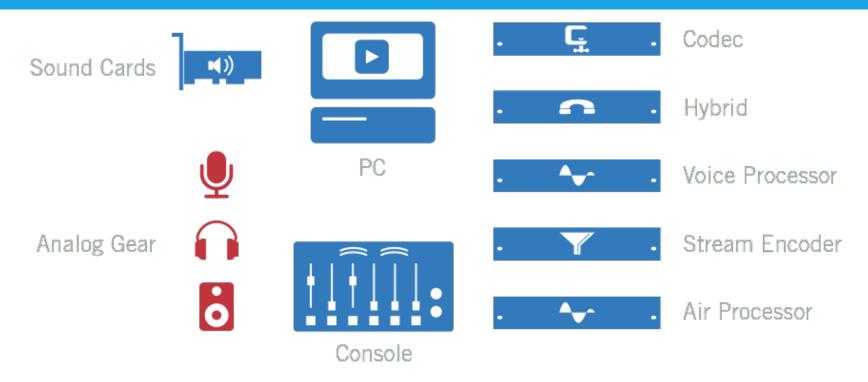




VIRTUAL RADIO ENVIRONMENT

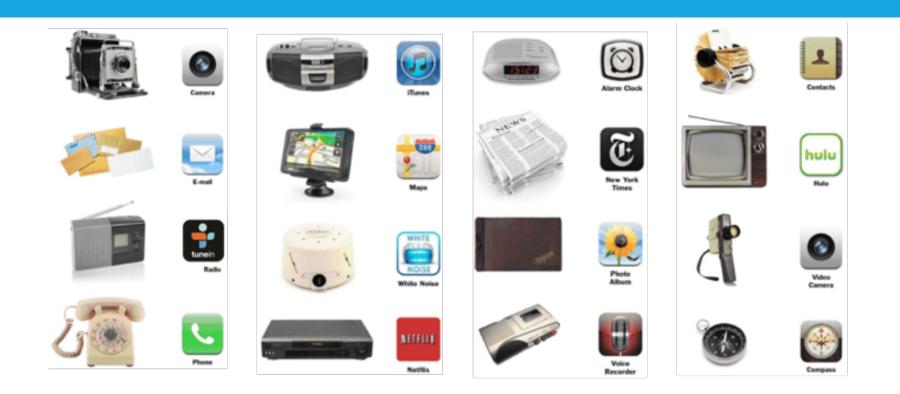


Today's Typical Radio Studio.



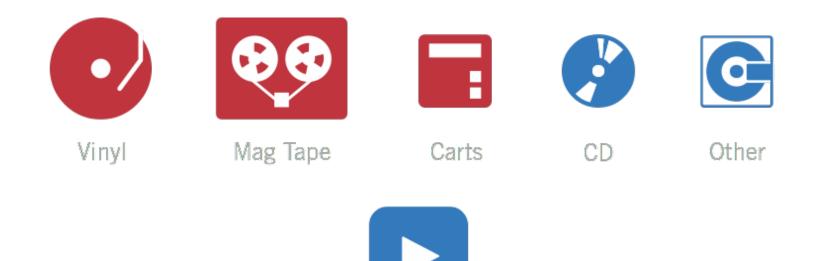
Remember life before the smartphone?





Radio has experienced some of this already.

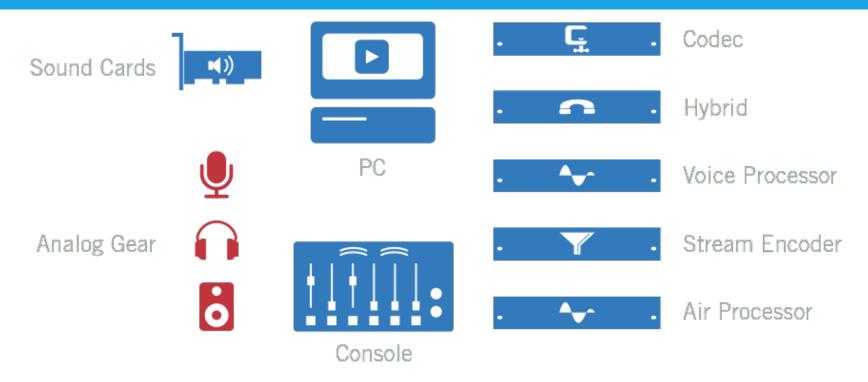




Audio Apps

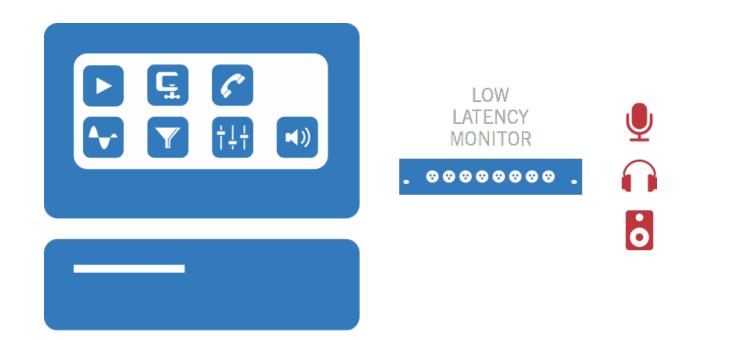


Today's Typical Radio Studio.



The Virtual Radio Studio.





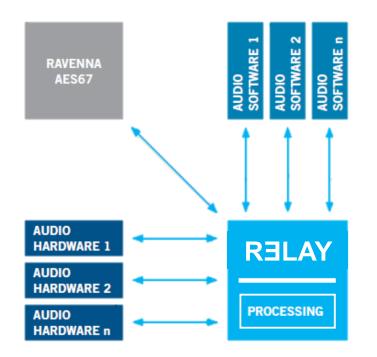
R3LAY The R3LAY Radio Bag.







R3LAY PLATFORM - How it works



R3LAY The R3LAY Products

- VRX4 Virtual Radio Mixer Software. 4 faders, 1 mix bus, native processing.
- VRX8 Virtual Radio Mixer Software. 8 faders, 2 mix buses, Automix, native processing.
- OnAir4 RAVENNA/AES67-based audio interface. Mic/lines, headphones, zero latency monitoring
- Virtual PatchBay Routing, soundcard control, RAVENNA/AES67 interface, VST host, processing.
- Virtual Sound Card RAVENNA/AES67 driver for Windows.
- Third party products available from partners







THANK YOU VERY MUCH FOR YOUR ATTENTION.

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