

MAKE THE SWITCH TO SIMPLICITY



Netvio has devised a unique 'program less' design environment, comprising 'Netvio 360' design software, the 'Netvio Go' end-user app and complementary hardware



The gift of innovation from Netvio means you can build more powerful AV networks in much less time says Habitech's Jonathan Pengilly.

It took a 16th Century genius to draw a connection between simplicity and sophistication, and five hundred years on, an extraordinary leap of innovation to prove it in the home. Harnessing elevated powers of intuitive simplicity, our new AV distribution brand, Netvio combines game-changing software and hardware to introduce unprecedented design practicality end-to-end, sweeping complexity aside in a radically simpler but more sophisticated approach to AV distribution.

SIMPLIFYING COMPLEXITY

Aimed predominantly at the resi market between the highest end installs and entry level, Netvio will allow integrators to deliver versatile and reliable AV design and control more easily, in less time and for ultra-competitive budgets. It's the brainchild of ex-Wyrestorm CEO Derek Hulbert who has returned to CI after three years to challenge a traditional reliance on complex hardware ecosystems. Using the best computer science brains from leading research institutions outside the CI bubble, the team

at Netvio has devised a unique 'program less' design environment, comprising 'Netvio 360' design software, the 'Netvio Go' end-user app and a custom-tailored line-up of good/better/best matrices, AVoIP encoder/decoders and HDMI extenders.

Rather brilliantly, Netvio's ground-breaking design protocol steps nimbly from hardware auto-discovery, through configuration and optimisation to end-user control, simplifying at every stage while gifting iintegrators with a heightened level of creative versatility. At once, decisions become simpler and functionality more sophisticated in a new world of coherent 'full-spectrum' end-to-end AV design and delivery.

360 GAME-CHANGER

The easy option for any manufacturer is to continually generate custom software to initiate local 'conversations'. Radically, the Netvio 360 utility generates a lingua franca for all network elements. Its genius resides in the ability to configure multiple AV distribution technologies whilst generating simple control interfaces in a single piece of software. In effect the 360 front-end acts as a bridge, so regardless of HDBaseT, JPEG2000, SDVoE etc, the install experience

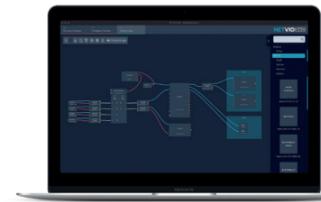
remains the same, lowering barriers to design and installation. If you're using HDBaseT for high quality AV transmission in mission-critical spaces for instance, you can use AVoIP to reach rooms in a new extension, and design for both on the same interface.

And to make it even easier, Netvio 360 provides for the auto discovery, configuration and optimisation of Netvio products. Connect PC or Mac and Netvio elements to the same network, start the 360 application, hit auto-discovery, and then sit back and see all devices populate the screen. Auto discovery means you don't have to worry about changing IP settings, setting complex subnets, remembering default IP addresses or even optimising inputs/outputs for Netvio products: nine times out of ten, Netvio's default settings will achieve the best audio and video quality right out of the box.

Moreover, Netvio 360's visual design canvas allows you to add, drag and drop displays, media sources and audio products. Finger-draw control paths for each device, selecting from IR, RS-232, IP and CEC (subject to device capability), then group displays into single or expanded zones and add custom images to area/zone buttons. When you draw the line for

HDMI, IR, RS-232, and introduce an IP device, Netvio automates the creation of the UI, adding the system device command structures and setting-up comms info (like baud rate and port number etc).

For added convenience, the software will operate without connection to a Netvio product, so you can export an image of the project to a team member on site. What's more, third-party devices that require IP info will have it requested when adding the unit to the design. In other words, Netvio 360 means intuitive virtuosity, no coding and savings in the bank! Time to launch Netvio GO!



Netvio 360 is a unifying touch-controlled cross-platform design interface

GO FOR CONTROL

Netvio GO is your end-user AV control application, intrinsically linked with 360. Compatible with Apple and Android smart phones and tablets, GO can control any AV device via IR, RS-232, CEC and IP to manage signal distribution, media sources, displays and audio products. You simply add each device by using the GO app to scan the QR code that 360 generates.

And just to make the process even faster, Netvio has come up with 'micro-drivers'. These are efficient packets of code, which wrap up all necessary UI design elements and control commands. When you add micro-drivers for, say, SKYQ, AppleTV and a Yamaha amp to your project in the 360 software, those devices will automatically have interfaces in the GO app. In most instances micro-drivers will already be available, but if not, Netvio can write the code for you - sometimes within minutes - so your project isn't held up for days. And for extra pizzazz, GO supports an amazing 1080p/30 preview stream through Netvio's JP4 AVoIP encoders, to deliver a uniquely engaging end-user experience.



Netvio GO is your customer's control app, intrinsically linked with 360

SOFT POWER, HARD CORE

As you might expect, the brand's 'easier for all' mantra extends to the hardware, which has been streamlined through exhaustive market research to simplify decisions. Compatible with Netvio 360, there are compact 4x4 HDMI and HDBaseT matrix models, together with an 8x8 HDBaseT matrix and an 8x6+2 hybrid, plus three 4K HDR receivers (two with ARC) splitting AV locally. Alongside, Netvio's AVoIP offering includes high performance JPEG2000 4K/60 HDR encoder/decoder pairs and a dual network controller. Main elements are complemented by a common-sense range of five HDMI extenders embracing 1080p to full functioning HDBaseT 5-Play capabilities and including ARC, Ethernet and 4K/60 HDR up to 70m. These are joined by two 18Gb 4K/60 HDR uncompressed splitters with 4K/1080p scaling, analogue and digital audio outputs and EDID configuration. That's it. When too many choices make life complicated and too few limit opportunity, Netvio offers the optimum toolkit for fast and profitable project delivery.



Custom hardware spans HDMI, HDBT and AVoIP

UNRIVALLED VALUE

And profitability is key to Netvio's proposition, because in any business, time is money. You can buy the cheapest option but if it takes significantly longer to install and needs additional devices to add functionality, where do you end up? Netvio products gift you with the economies that will ultimately boost your bottom line. From the hardware alone, you'll benefit from 70m 4K/60 HDR HDBaseT outputs for the price of 40m capability in other brands, Ethernet transport on 70m HDBT outputs, independent output scaling across the range, mirrored HDMI/HDBT outputs on the 4x4 and 8x8 matrix models, high quality preview streams on AVoIP, the highest levels of network security on all products, 4K/60 HDR support across the range, matrix ARC capture and routing, and as many as four audio-only

inputs with routing on the 4x4 and 8x8 matrix models. That's a powerful list - even before you include the brand's astonishingly time-efficient free-on-board software design capabilities.



Netvio's MX-HT2-0808-10 8x8 matrix

DISCOVER, CONFIGURE, OPTIMISE, DESIGN

Because Netvio refuses to be pigeonholed, it doesn't compete directly with established control brands. On the contrary, the vision is to deliver high-performance video and audio switching, display, source and audio control in-one, without the need for a control system at all. The attraction could be purely budgetary or complementary, allowing, for instance, C4 dealers to quote for projects previously out of bounds based on price, or to add further zones at a lower cost base. It could also be access to capability, showing new market entrants an easier path to greater rewards. Even when projects call for special customisation, Netvio can oblige with its 'concierge' service, available through Habitech.

So, the proposition is as simple as it should be. Netvio is here to disrupt the market mentality that for too long has specialised in complicating a relatively simple idea. When you can work across HDMI, HDBaseT, AVoIP and SDVoE, and configure and connect high-performance AV with your index finger, the truth in Leonardo da Vinci's words is demonstrably apparent. Through the smart power of Netvio, "simplicity is the ultimate sophistication."

To appreciate the brilliance of Netvio, please arrange a dem with the team.



Netvio's EX-HT2-701-10-RX HDMI extender

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