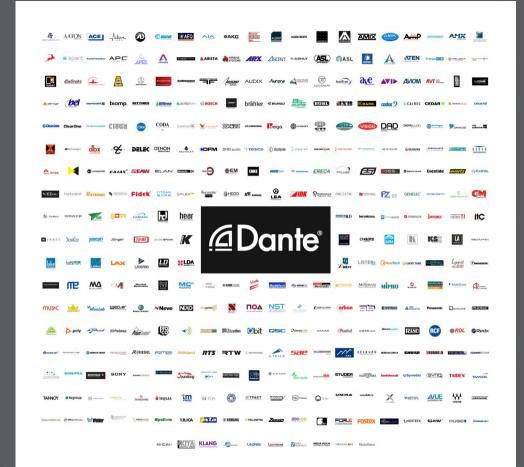
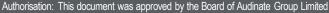


# Investor Technology Day

2 June 2022





# **Agenda**

1. Welcome Rob Goss – CFO

2. Opening Remarks Aidan Williams – CEO

3. Dante Customer – fireside chat Corey Boyer – Head of Solution Sales

4. Dante Software overview Rob Goss – CFO

5. Break

6. Demos

Dante Ready
 Dante Cloud
 Mark Gerrard
 Product Manager
 Product Manager

- Dante Video Chris Ware - SVP Product

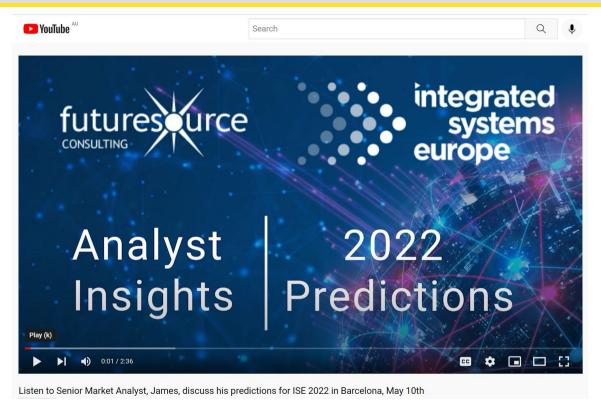
Bryce Dunn — Director Product Management

7. Update - acquisition of Silex Video Chris Ware — SVP Product

8. Q&A

9. Lunch

# Software transforming the AV Industry



YouTube Link: Discussion of software trends impacting the AV industry



# **CEO Opening Remarks**

**Co-founder: Aidan Williams** 



### **Audinate's Vision**

# Pioneering the Future of AV

#### Three themes:

- 1. Smarter wires (between *devices*)
- 2. Processing signals in software
- 3. Better system *management* and APIs



### **Audinate foundations for innovation**

#### **DNA** and Culture

Founder-led business

**Networking DNA** 

Audio & now video expertise

Diverse long-standing team

Employee connections with music & AV

#### **Structure and Process**

Vision for Future of AV

Formal Strategy Group

Documented Strategic themes

OKRs drive Strategic planning

Capital Investment Decision Models



# Networking is driving change in AV

### **Devices**

Are increasingly networked

"Virtual wires" for audio & video

Configured through the network

Often network powered

Dante chips, modules, software

### **Processing**

"Software is eating the world"

Networking enables AV software

E.g. Desktop Apps (PC/Mac)

E.g. Server/Linux "DSP boxes"

DEP (Linux), DVS, DAL (PC/Mac)

### **Management**

Securing networked systems

Scaling – device count & geography

Monitoring & troubleshooting

Remotely – avoid local access!

Dante Domain Manager & APIs



# Moving to the cloud – Today

Management

Processing

Devices



**On-Premises** 



Cloud Hosted



# Moving to the cloud – Tomorrow

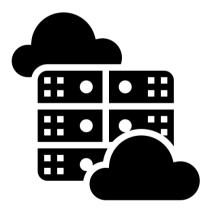
Processing Devices



Management



**On-Premises** 



Cloud Hosted

# Moving to the cloud – Ultimately

Devices



Management Processing



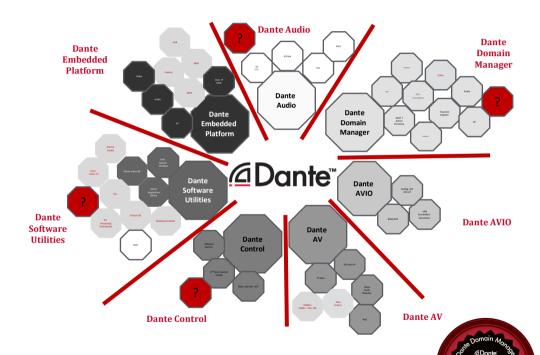




Cloud Hosted

### Dante in the cloud

- Dante 'in cloud solutions' have been in live production environments for over a year
- Including in some of the biggest global names in media, production and broadcasting
- Dante is taking to the cloud and leveraging all its power for even more exciting new uses



**DDM** READY

### **Dante User – Fireside Chat**

**Dave Scannell: University of New Hampshire** 



### **Dante Software Overview**

**Rob Goss: Chief Financial Officer** 



# Software drives growth in revenue & GP margin

- 5yr CAGR of 50%
- Gross profit margin >95%
- Represents 25-30% of total revenue
- Majority (60%) of software revenue relates to audio devices - balance relates DVS, Via and Dante Domain Manager
- Approach to pricing is achieve similar gross profit \$ per audio channel across software and chips, cards & modules

#### **Software Revenue (US\$M)**



As software grows more quickly than chips, cards and modules gross profit dollars will increase more quickly than revenue – reflecting the better unit economics for OEMs and better GP margin for Audinate



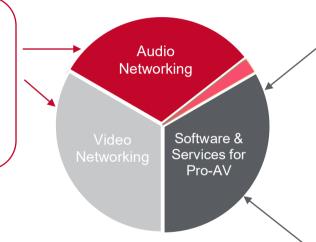
### **How Dante software addresses TAM**

#### Audinate Total Addressable Market ('TAM')\*

#### **Device Software**

Dante for audio & video devices

Reference designs
Audio IP Core
Dante Embedded Platform (DEP)



# Processing Software Dante for Mac/PC/Linux

Dante Via & Dante Virtual Soundcard

Dante functionality for software developers & OEMs

Dante Application Library (DAL)

### **Management Software**

For end-users & integrators to manage Dante installations

Dante Controller
Dante Domain Manager (DDM)



<sup>\*</sup> Management estimate total addressable market exceeds A\$1bn

### Dante audio software

#### Dante audio device software

- Software based implementations for a range of product counts and price points
- OEM customers, based on per unit royalty model
- Transports uncompressed audio signals across standard computer networks
- Provides perfect inter-operability with Dante chips, cards & modules and other software products
- Used in a wide variety of audio products, including speakers, microphones, amplifiers, digital signal processors and mixing consoles
- Configured using Dante Controller and can be managed via Dante Domain Manager
- More background available:
   <u>Dante IP Core</u>
   <u>Dante Embedded Platform</u>
   Dante Application Library

#### **Reference Design**



- · Legacy product
- Up to 512 audio channels
- Small number of high-volume customers

#### **IP Core**



- Next generation high performance product
- Up to 512 audio channels
- For FPGA-based OEM products
- BOM savings for OEM by sharing chip

#### **Embedded Platform**



- Up to 128 audio channels
- For Linux-based OEM products
- Supports Intel/x86 & ARM processors
- BOM savings for OEM by sharing chip
- · "Dante Ready" available

#### **Application Library**



- For OEMs & Software Developers
- Simple way for software developers to add Dante to their products
- "Dante Ready" available

Device Software

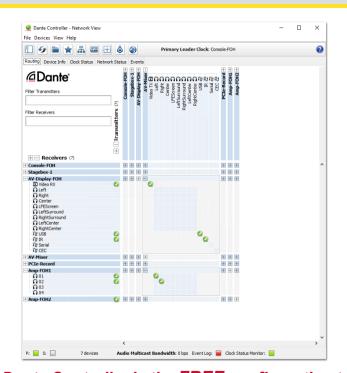
Audinate Investor Technology Day



### **Dante Controller**

#### **Dante Controller**

- FREE system setup tool
  - · Downloadable from Audinate homepage
  - · Registration required
  - · Makes virtual wires
  - > 250.000 downloads
- · Manages audio and video signals
- · Simple & easy to use
  - · Standard industry matrix view
  - Training provided via Dante Certification
- Devices appear automatically
  - · Intuitive device names
  - · No magic numbers, MAC or IP addresses
- · Devices remember configuration
  - No need for Dante Controller to remain connected to the network
- Provide performance logs
  - Details of each device on the network for trouble-shooting
- More background on Dante Controller



Dante Controller is the FREE configuration tool integrators use to create the "virtual wiring" between transmitting devices (e.g. microphones) and receiving devices (e.g. speakers)



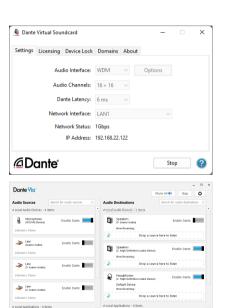
### **Dante Via & Dante Virtual Soundcard**

#### **Dante Virtual Soundcard**

- Turns a computer into a Dante-powered workstation, integrating a Mac or PC with Danteenabled audio equipment on a network
- Connects to record, process and playout using any audio application and any combination of Dante-enabled devices
- Up to 64 audio channels
- More information available here: <u>Dante Virtual</u> Soundcard

#### **Dante Via**

- Routes audio from devices and applications to one another – up to 16 audio channels
- Connects devices and applications to an existing Dante network
- Enables the connection of USB and FireWire devices to Dante networks
- More information available here: Dante Via



#### **Get Dante Via**

Buy a Dante Via License >

Permanent License - \$59.99 USD

(activates one computer, transferable)

Combo Pack - \$69.99 USD

Save \$39.99 on Dante Via and Dante Virtual Soundcard when bought together

Local currency, tax and payment methods apply where applicable. Prices may fluctuate due to exchange rates.

Dante Virtual Soundcard is a robust, high channel count application with the single purpose of getting large numbers of audio channels in and out of computers while Dante Via allows for a more diverse set of devices and applications, but at a lower channel count.



## **Dante Domain Manager**

#### **Dante Domain Manager**

- Security
  - · User logins and roles
  - · Prevent unauthorised changes
- Scalability
  - Create Dante systems spanning campus networks
  - Group Dante devices into logical managed systems
- · Remote Management
  - Centralise management of many Dante systems
  - Monitor system status and changes remotely
- More information available at: <u>Dante</u><u>Domain Manager</u>





Dante Domain Manager offers crucial management capabilities, further differentiating Dante audio & video

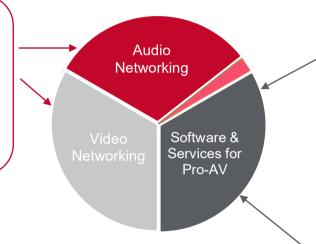


### **How Dante software addresses TAM**

#### Audinate Total Addressable Market ('TAM')\*

### Device Software Dante for audio & video devices

Reference designs
Audio IP Core
Dante Embedded Platform (DEP)
NEW FEATURE Dante Ready



### Processing Software Dante for Mac/PC/Linux

Dante Via & Dante Virtual Soundcard

NEW Dante Studio (Video)

Dante functionality for software developers & OEMs

Dante Application Library (DAL)

NEW FEATURE Dante Ready

### Management Software

For end-users & integrators to manage Dante installations

Dante Ready thru Dante Controller Dante Domain Manager (DDM) NEW Dante Cloud



<sup>\*</sup> Management estimate total addressable market exceeds A\$1bn

# **Dante Ready™**



# **Dante Ready (In-Field Enablement – IFE)**

What is it?	Dante Ready is a <b>feature</b> that enables Dante users to add more audio channels (capacity) to audio equipment in the field
Availability?	Available now – launched with K-Array at ISE 2022
Which products?	Dante Embedded Platform and Dante Application Library  – to be progressively added to other Dante products
Strategic rationale?	Increase Dante proliferation by reducing the marginal cost of adding it to a given product
Impact on TAM?	Improves ability to access Audio Networking TAM – potential to access additional TAM in adjacent areas e.g. musical instruments
Revenue model?	One-time software revenue – significantly better \$GP than CCM, payable by the end user through Dante Controller or OEM website





Dante Ready brings a new route to market for manufacturers keen to bring a Dante option to their customers.

It simplifies product lines – Dante software can be dormant on every unit produced. It puts the power in the hands of the enduser and brings Dante to new markets and product categories.

The new storefront is already integrated into the widely adopted Dante Controller.

End-users can continue to unlock more Dante on their device as their network grows.



......

Naue

# Dante Ready 'just works'

Plug in



Discover



Activate



Dante!



Dante Ready is fully integrated within Dante Controller. Device discovery and licensing is provided by the Dante Activator utility.

Like other aspects of Dante, the user experience is designed to 'just work'.



# Marketing direct to the Dante community



Audinate has one of the largest user groups across the Pro AV industry.

Dante Ready connects Audinate to users across the ecosystem of endpoints.



### **Dante Cloud**

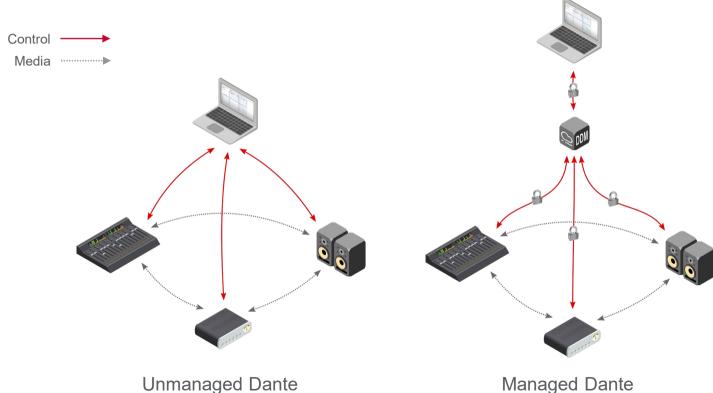


### **Dante Cloud**

What is it?	Dante Cloud is a <b>SaaS product</b> that enables remote management of Dante installations – builds upon existing functionality of Dante Domain Manager
Availability?	Commercial launch in late CY2022
Market?	Managed service providers  Managers of Dante installations
Strategic rationale?	Delivery of value-added services building upon widespread adoption of Dante networking technology
Impact on TAM?	Improves ability to access Software services TAM – potential to grow this TAM
Revenue model?	Recurring SaaS revenue based on network size



## What is 'Managed Dante'?



Managed Dante

### **Dante Cloud benefits**

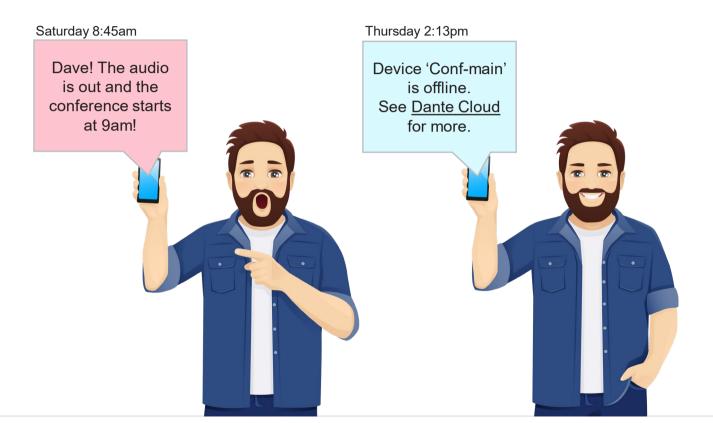


# Pro-actively manage from anywhere

- Remote management
- User access control
- Event log & notifications
- API for integration



### **Product demo: Dante Cloud**



## **Dante AV™**

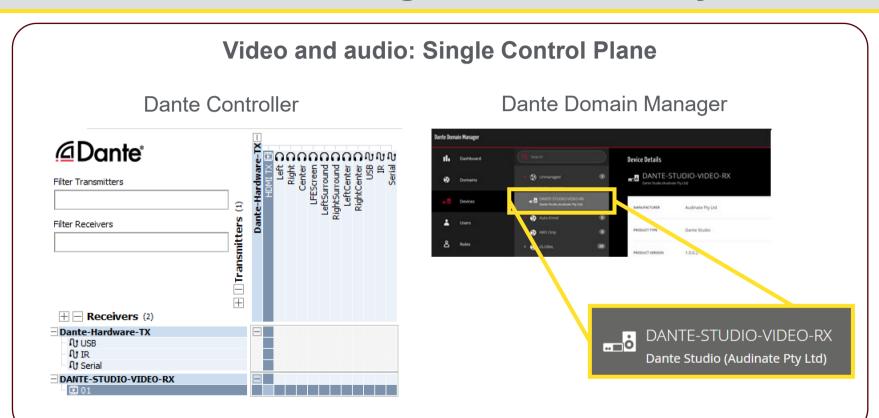


### **Dante AV Module**

What is it?	Dante AV is a module <b>product</b> that provides audio and video networking and is built inside video equipment
Availability?	Now – generating revenue in FY2022
Market?	Video OEMs
Strategic rationale?	Entry point into Video Networking market (analogous to Brooklyn module for audio)
Impact on TAM?	First video product launched addressing Video Networking TAM
Revenue model?	Repeat revenue based on module sales



# Dante AV – extending the Dante ecosystem





### **Complete Dante AV Ecosystem**

- Extended **Dante Ecosystem** with audio, video and control

  Dante AV products are now shipping! PTZ Cameras, Encoders and Decoders, Dante Studio and more
- 100% Interoperability with 3000+ audio product ecosystem
  Separate routing for audio, video and control gives freedom for system designers and operators
- Easy with **Dante Controller:** route video as you would with audio Video hardware and software end-points appear the same way in DC and can be grouped together
- AV Network Management with **Dante Domain Manager**DDM offers monitoring, alerts, logging, controlled user access and allows systems to span subnets



### **Dante Studio**™



### **Dante Studio**

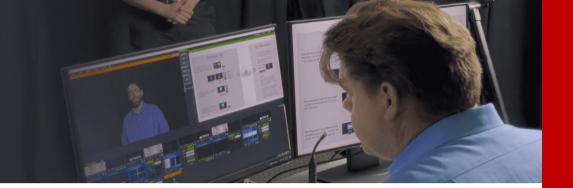
What is it?	Dante Studio is a <b>software product</b> that delivers essential video functionality to PC and Mac users for receiving & transmitting Dante video
Availability?	Partial trial now - commercial launch in CY2022
Market?	Dante Mac and PC users (similar to DVS and Via)
Strategic rationale?	Pull through Dante (audio) installed base to Dante AV
Impact on TAM?	Important foundational functionality to access Video Networking TAM with Dante AV Improves ability to access Software services TAM
Revenue model?	Recurring subscription revenue commencing CY23



# Dante Studio™

Software that makes Dante AV video workflows simple

Try Dante Studio for free



## Dante Video RXTM AVAILABLE NOW



Receive video from Dante sources in the network into your PC



## Dante Video TX™



Send video from your PC screen and connected cameras to the network



## Dante Video Viewer™



Monitor multiple video streams from the network on your PC





## Dante AV – extending the Dante ecosystem

Physical devices

Audio





Software



Dante Virtual Soundcard



Dante Via

### Dante AV











**Dante Video RX** 

Free trial now



Dante Video TX
Coming soon



Video stream from PC

Dante Video Viewer
Coming soon



Monitor Video streams on a PC



Silex Video acquisition



## Silex acquisition transforms Dante video









**Background** 

- Development team of 8 engineers with extensive video implementation experience
- Deep video compression, FPGA, and hardware design expertise
- Mature and complementary product set
- Strong backlog of orders to be unlocked, subject to supply chain uncertainty

### **Strategic Rationale**

- Complements existing video software capabilities in Cambridge (UK) with hardware FPGA expertise
- Critical mass in the European timezone access to video engineering talent pools
- Established Original Design Manufacturer (ODM) partnerships and OEM customers
- Accelerate video product roadmap
- Audinate now offers fully integrated video solutions



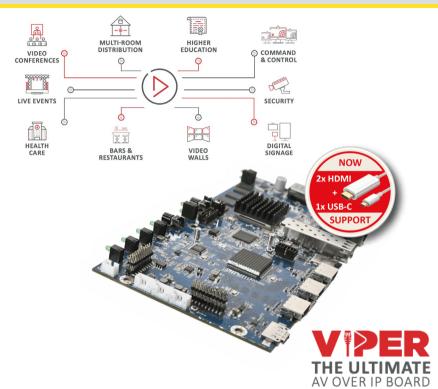


## Silex - Products

- · Extremely complementary to Audinate
  - · Video bandwidth exceeding network capacity
  - Compression is an essential component in the solution
- Video compression technology
  - · Colibri (Silex Own), JPEG 2000, VC-2 HQ
  - · Delivered as FPGA IP Cores
- Viper AVoverIP board
  - Turnkey AVoverIP endpoint hardware solution
- Virtual ASSP
  - Chip solution for video compression and network streaming
  - ODM Partnership

More information available at:

Video Codecs & Other AVoIP Solutions





### Video Future



Desktop and Device Software

Australia Control and Services Software

Colibri Viper DEP-Video Dante Studio DDM Dante Cloud



### **Focus Areas**

- Belgium: Transition away from engineering services
- Whole Product Solutions: Beyond the endpoint
- Colibri into Dante Ecosystem: Hardware and Software
- Viper + Dante Lower Cost
- Build ODM Channel Expand market access
- Address industry standardization

# Key Messages



## **Key Messages**

- 1. AV industry undergoing transition at two levels
  - analogue cabling → digital networking
  - hardware → software ("software is eating the world")
- 2. Audinate strategy focuses on software in three areas
  - Smarter wires (between *devices*)
  - Processing signals in software
  - Better system *management* and APIs
- 3. The Dante *audio* ecosystem and *system management* are key in video
- 4. Revenue base further diversified to end-users and system integrators
- 5. Subscription style products can scale more quickly, sold to existing installed base

More products and services coming over the remainder of CY2022



## **Thanks**

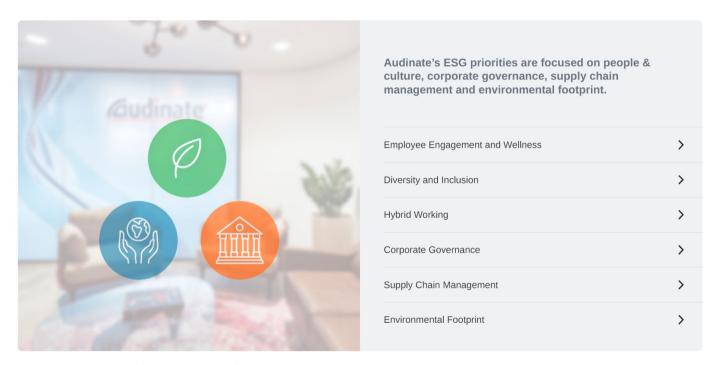


# **Appendices**



### **New ESG website**

### **Environment, Social and Governance**



Environment, Social and Governance | Audinate | Dante Pro AV Networking



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