



Complexity versus Simplicity

Steven Kemland
Manager
Face Projects



The Face history

Theaters



Architectural



Theme parks



Our world before 2014

- Complex systems
 - Cobranet with brand own add-ons
 - Different Cobranet generations
 - Where possible ... we went analog !



ALLEN & HEATH

ATTEROTECH



Audinate

BOSE



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Extron

Focusrite
REDNET

HARMAN

MACKIE

NEXO



RENKUS-HEINZ

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SHURE

Soundcraft

STEWART AUDIO

STUDER
HARMAN

Symetrix

MUE
audioteknik

YAMAHA
CO



Our world since 2014

- We switched to Dante ...
 - Easy to combine different brands
 - Easy to design
 - Easy to set-up
 - Easy to commission !

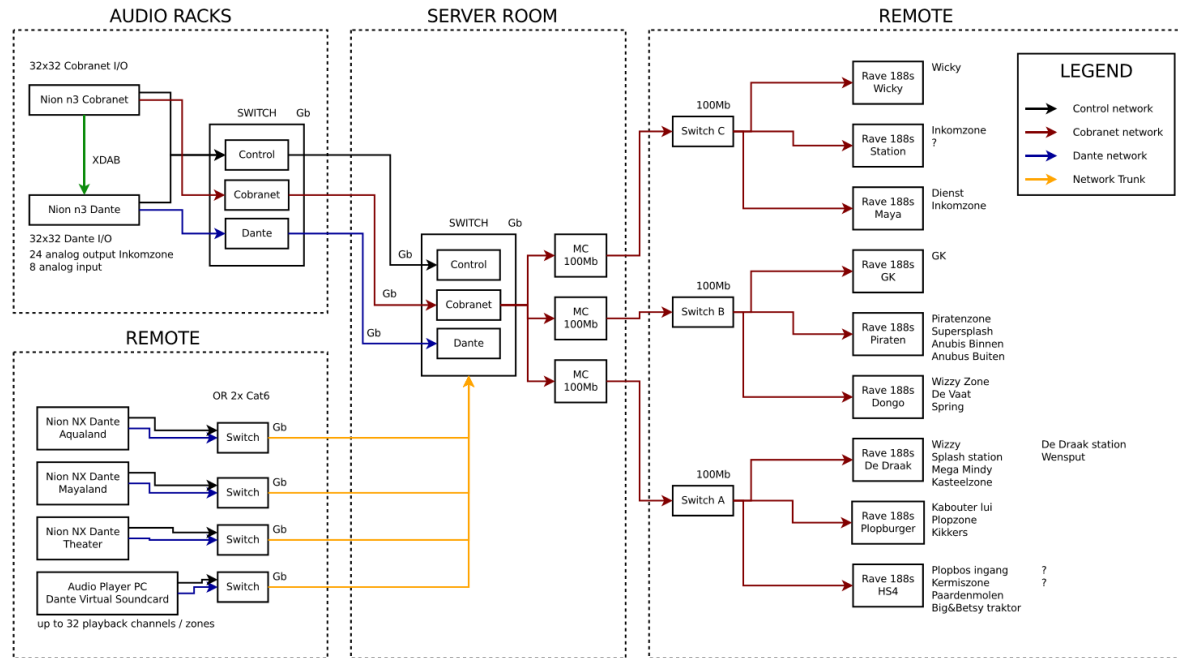


Case 1 : Plopsaland



- Themepark with 20 years of history
 - Old Rave system
 - Analog amps
 - Limited in zones
 - Analog inputs
 - Analog outputs

Plopsa update in 2015



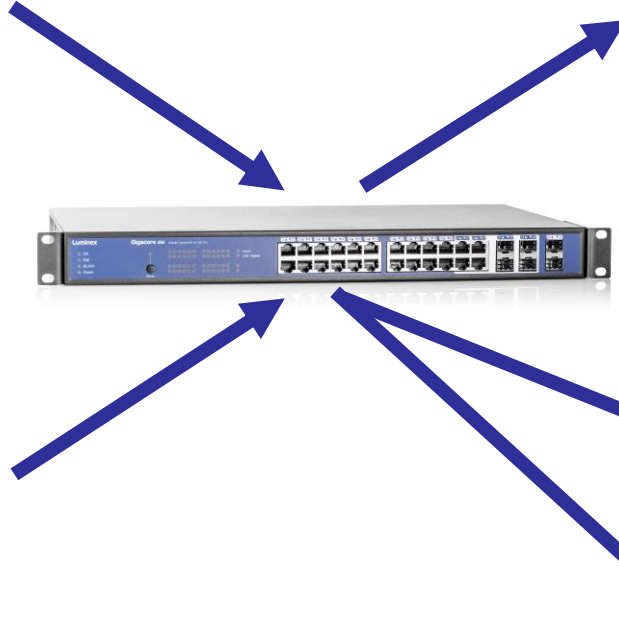
Old Cobranet zones



XDAB 512



New Dante zones



- Old amp rack 20 Unit
- Cobranet break out box
 - Amps
 - Analog mixer

Renewed old zones With Dante amp



New Dante zones with local I/O



Dante made it possible



- Less technical problems
- Less user problems
- Less maintenance
 - Multi channel DSP
 - Control over subzones
 - Dante uses existing IT infrastructure
 - Reliable audio going through more than 10 switches



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New zone : Plopsa Aqua



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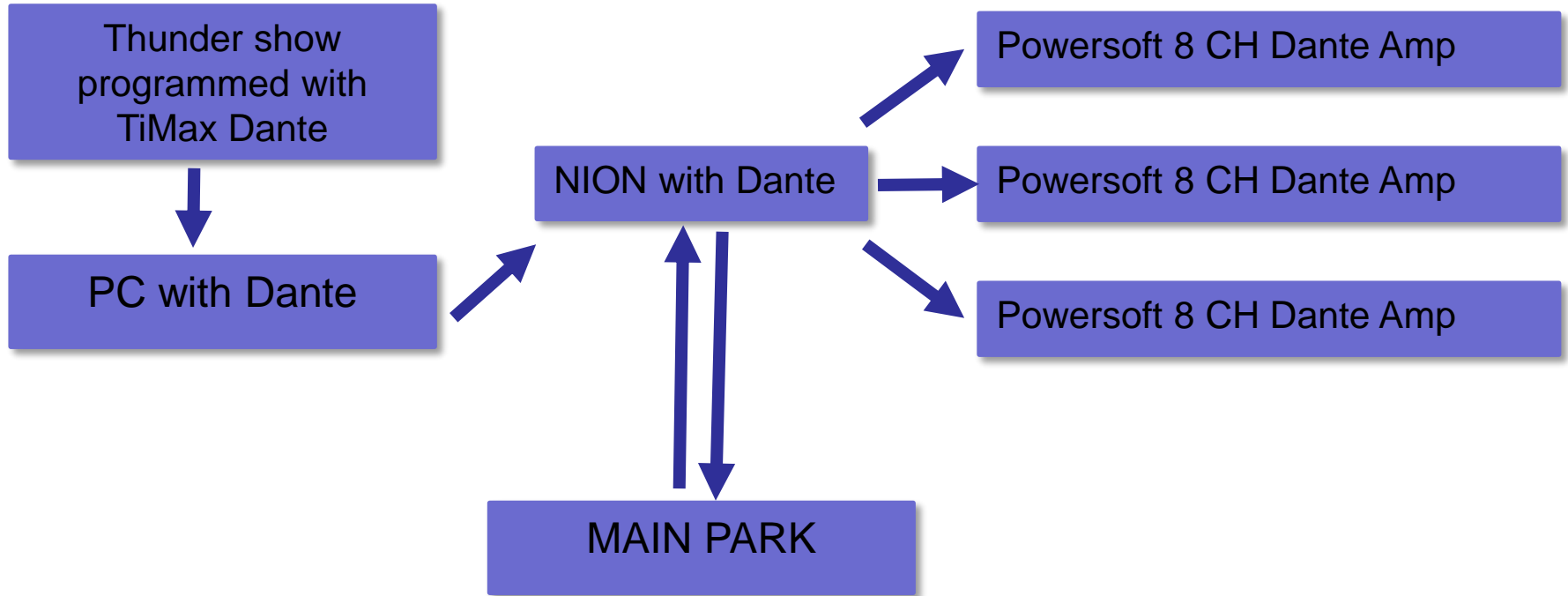
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Dante
AV NETWORKING WORLD
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Simple – User friendly



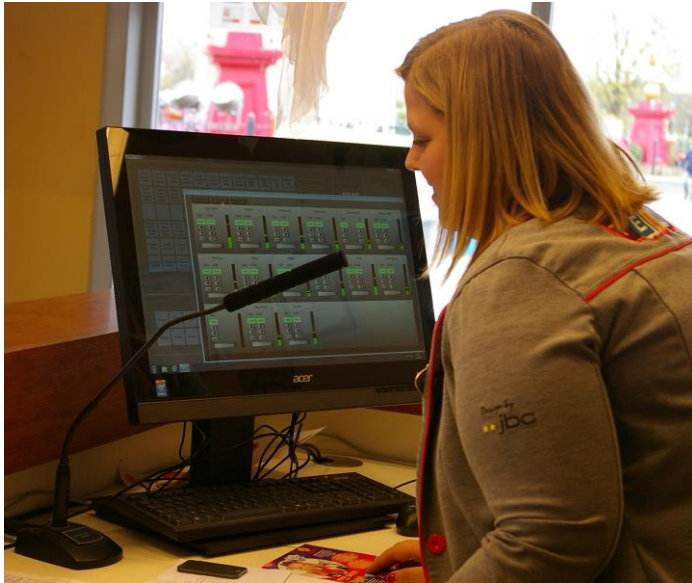
24 channels / Play Back / Automation / Full control, ... in 10 Units / 16 Amp

Result

- Total integrated system with re-use of old parts
- In total 32 different music sources in park
 - more than 100 zones and subzones, each with their own control/ EQ / monitoring
 - Dedicated and automated announcements
- Easy to operate
- Technical control from the office



End result



A happy
customer



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Case 2 : Queen Elisabeth Hall Antwerp



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QEH : Antwerp / Belgium / 2016

- A new classic concert Hall
 - Speech system
 - Music system
- More then 10 congress spaces
- Total Integrated system
- Easy to use / Externally controllable



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Dante 1 : Main system



XDAB 512



Dante 2 : External zones / systems



XDAB 512



Dante 3 : User / console ...



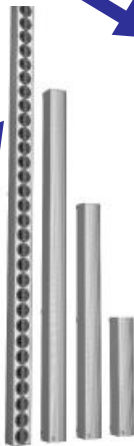
Dante 1 : Main system



Dante 2 : External zones / systems



Renkus Heinz Iconyx system



Luminex Network Intelligence

Dante
AV NETWORKING WORLD

MediaMatrix®

rh RENKUS-HEINZ

Powersoft
AUDIO



Am I happy with Dante ?

- In old installs
 - Easy to make an upgrade
 - Easy to use the existing networks
- In new installs
 - Easy to design
 - Easy to combine brands
 - Easy to calculate



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Thanks for your attention

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