

Ficam

CIRT 4 mai 2018



Network. Audio. Video. Control.

ENTREPRISE



- CREATION EN 1970 A RASTATT (50kms au nord de Strasbourg)
- DETENUE EN TOTALITE PAR LA FAMILLE LAWO
- FABRICATION 100% INTERNE
- BUREAUX A ZURICH, ANVERS, TORONTO, LOS ANGELES, NEW YORK, SINGAPOUR, BEIJING, SYDNEY
- > 300 EMPLOYES DANS LE MONDE

AMBITION

A large industrial facility, possibly a refinery or power plant, is shown at sunset. The sky is a mix of orange, yellow, and blue. Several tall smokestacks are visible, with some emitting smoke. The facility is illuminated by warm lights, and a large crowd of people is gathered in the foreground, suggesting a public event or festival. The text is overlaid on a semi-transparent white box in the center of the image.

LAWO:
UN LEADER MONDIAL DANS LE
DOMAINE DES EQUIPEMENTS
ET SERVICES POUR LA
PRODUCTION AUDIOVISUELLE.

MADE IN GERMANY



- UNITE DE PRODUCTION A RASTATT :
 - ATELIER MECANIQUE
 - FABRICATION DES CARTES ELECTRONIQUES
 - ASSEMBLAGE / MONTAGE
 - TESTS UNITAIRES EXIGEANTS

LAWO – ALL YOU NEED.



VIDEO PROCESSING & CORE INFRASTRUCTURE



V__matrix V__pro8 V__remote4 V__link4

AUDIO PRODUCTION CONSOLES



mc²36 mc²56/xt/xc mc²66 mc²96

RADIO ON-AIR CONSOLES



crystal CLEAR crystal ruby sapphire compact sapphire

AUDIO ROUTERS



Nova 17 Nova 29 Nova 37 Nova 73 compact Nova 73

ORCHESTRATION AND CONTROL



Get all product brochures here.



SOUL VSM VSMstrip theWALL

AUDIO PRODUCTION TOOLS



mx GUI KICK 2.0 mc² Micro Core PowerCore Compact Engine

RADIO PRODUCTION TOOLS



RELAY VisTool 5.0 RELAY VSC RELAY VPB RELAY VRX1/VRX® EDIT VO

AUDIO INTERFACES



DALLIS mc² Compact IO A__line

COMMENTARY



LCU LOC

Network. Audio. Video. Control.

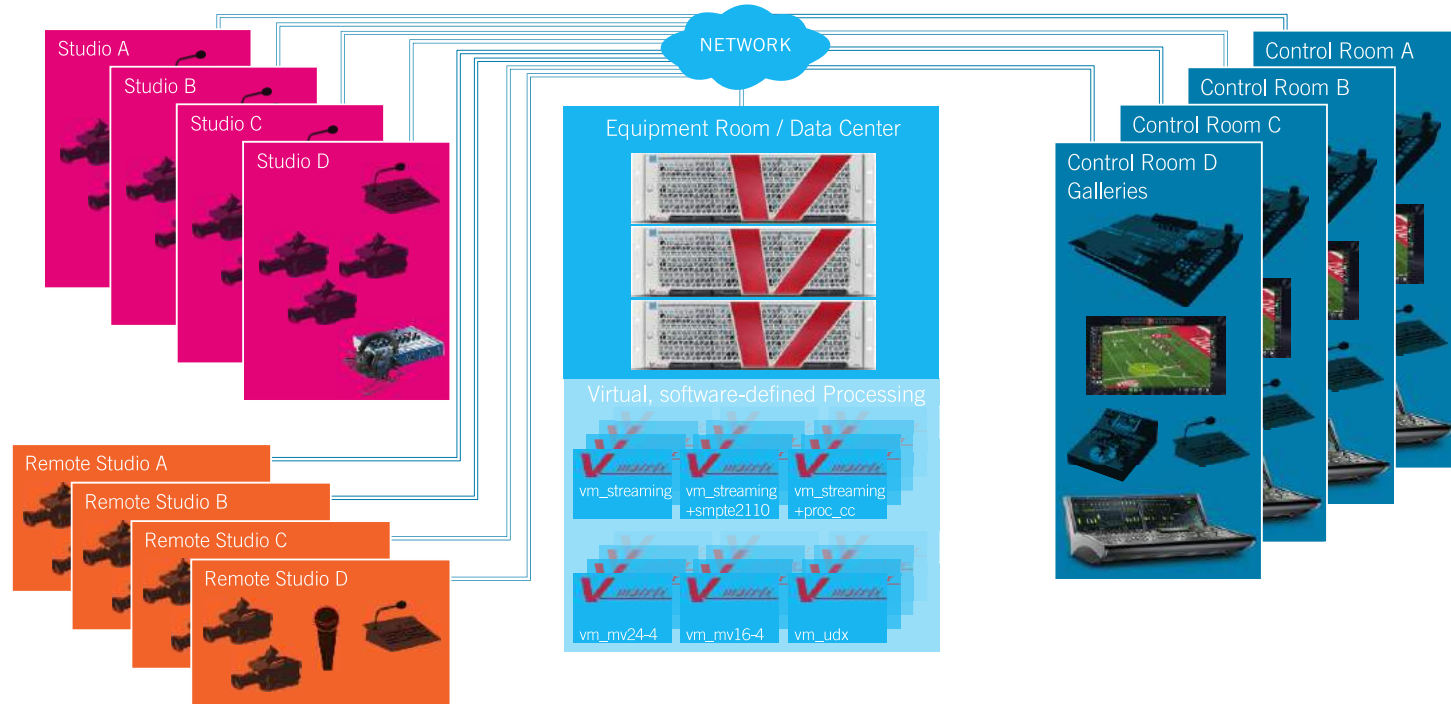
Smart IP live production infrastructure.



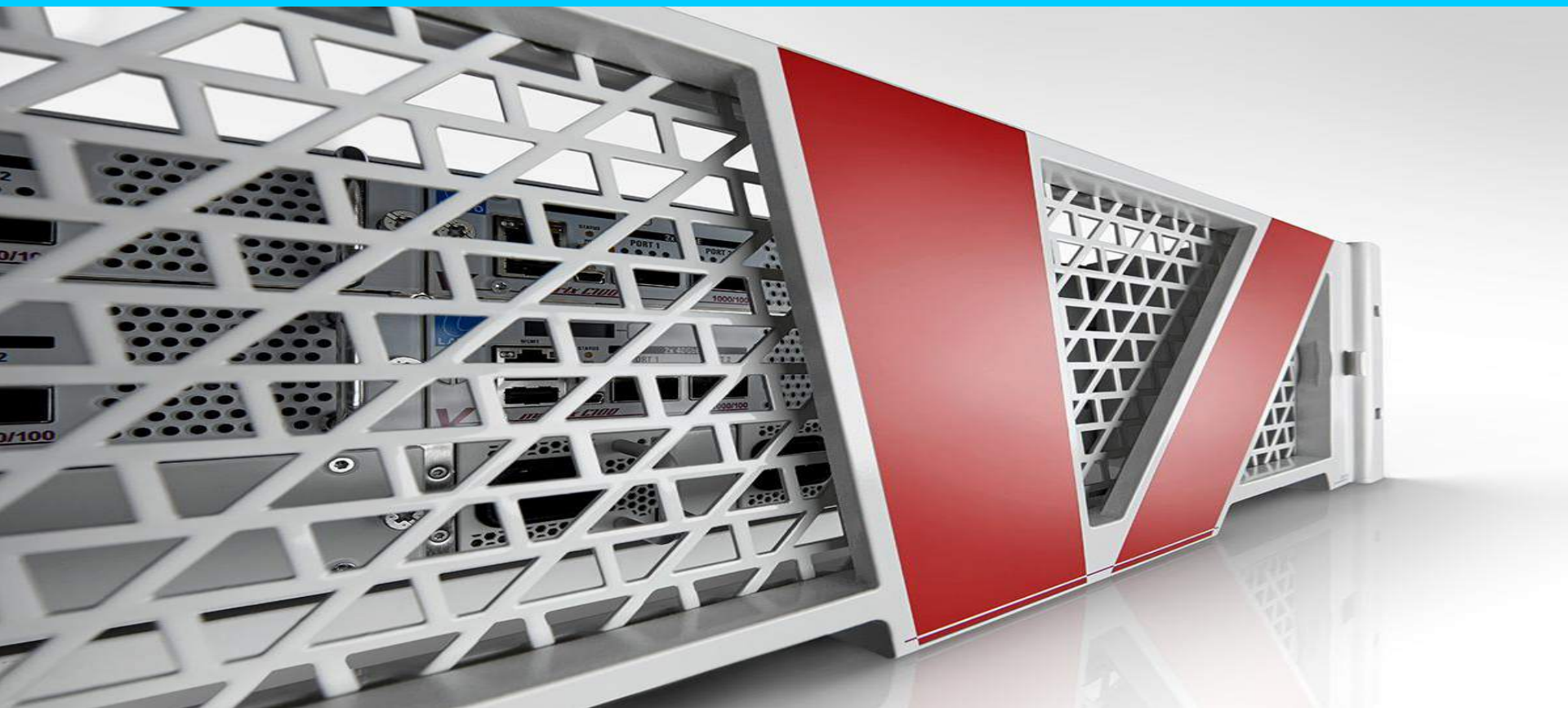
CORE INFRASTRUCTURE



Broadcast Orchestration with vsmSTUDIO and vsmSOUL



V_matrix



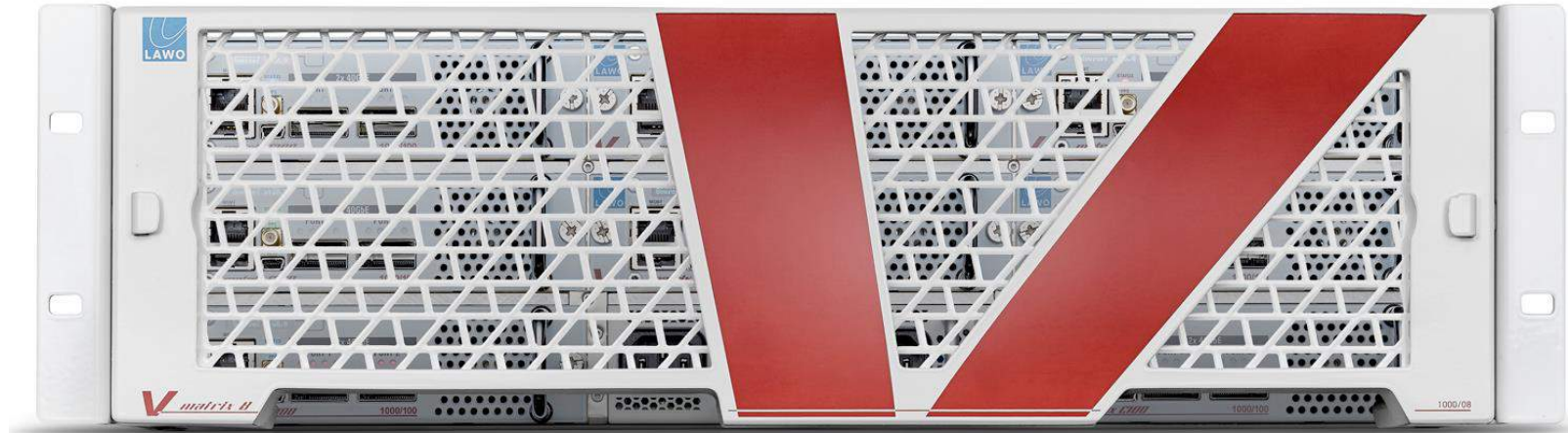
**V__matrix n'est pas un
routeur...**

**...c'est une puissante
plateforme de traitement
audio/video !**

- **La plus puissante plateforme FPGA de l'industrie broadcast**
- **Architecture modulaire, redimensionnable et distribuée**
- **Fonctionnalités / workflow reconfigurables à la demande**
- **Transport / routage des signaux délégué à l'infrastructure réseau**

V__matrix

Software Defined Core Infrastructure Platform



V__matrix

Software Defined Core Infrastructure Platform



V__matrix - Core Processing Units



- Module autonome
- Design à base de processeurs programmables (FPGA)
- 2 interfaces 40GE (QSFP+)

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- Connectique SDI optionnelle en face arrière, compatible 4K – 12G-SDI
- 10/10, 18/2, 2/18

V_matrix - Frames



V_matrix2



V_matrix5



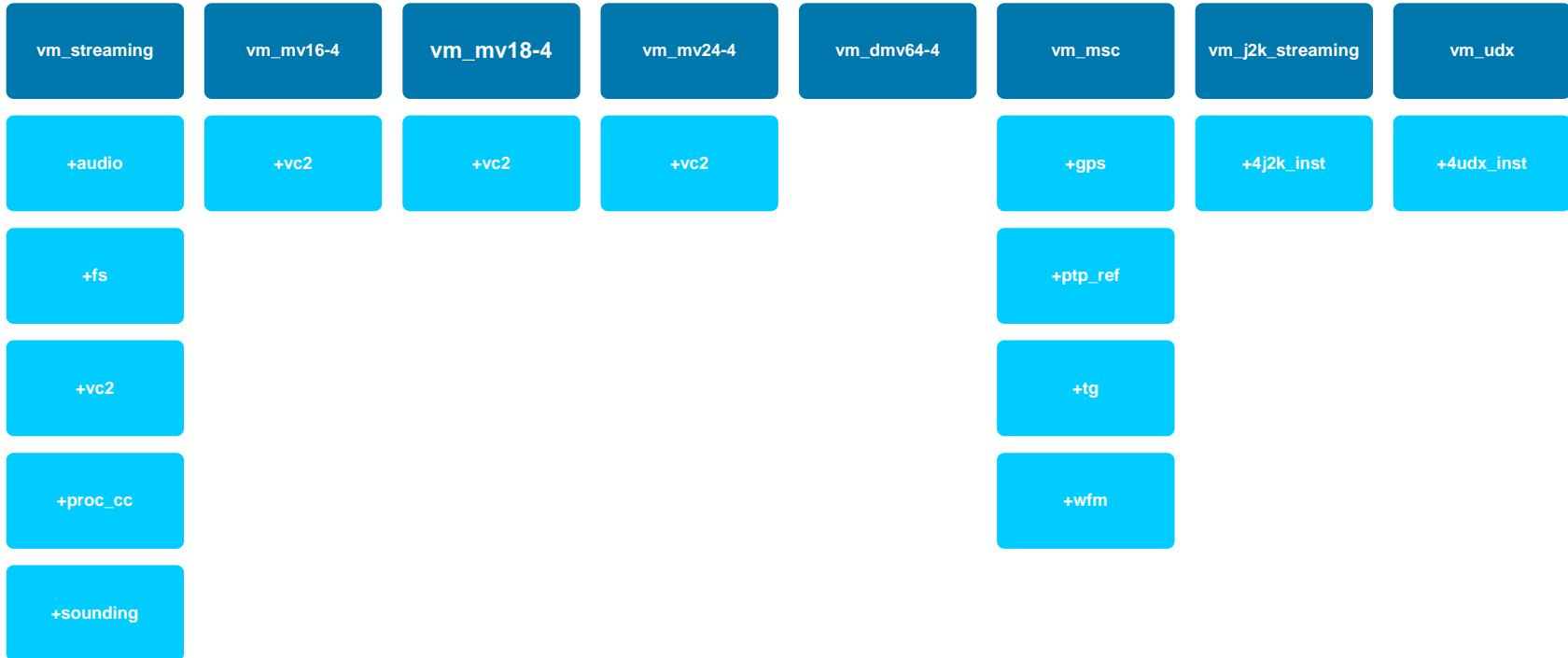
V_matrix8



V__matrix virtual modules overview



C100 module

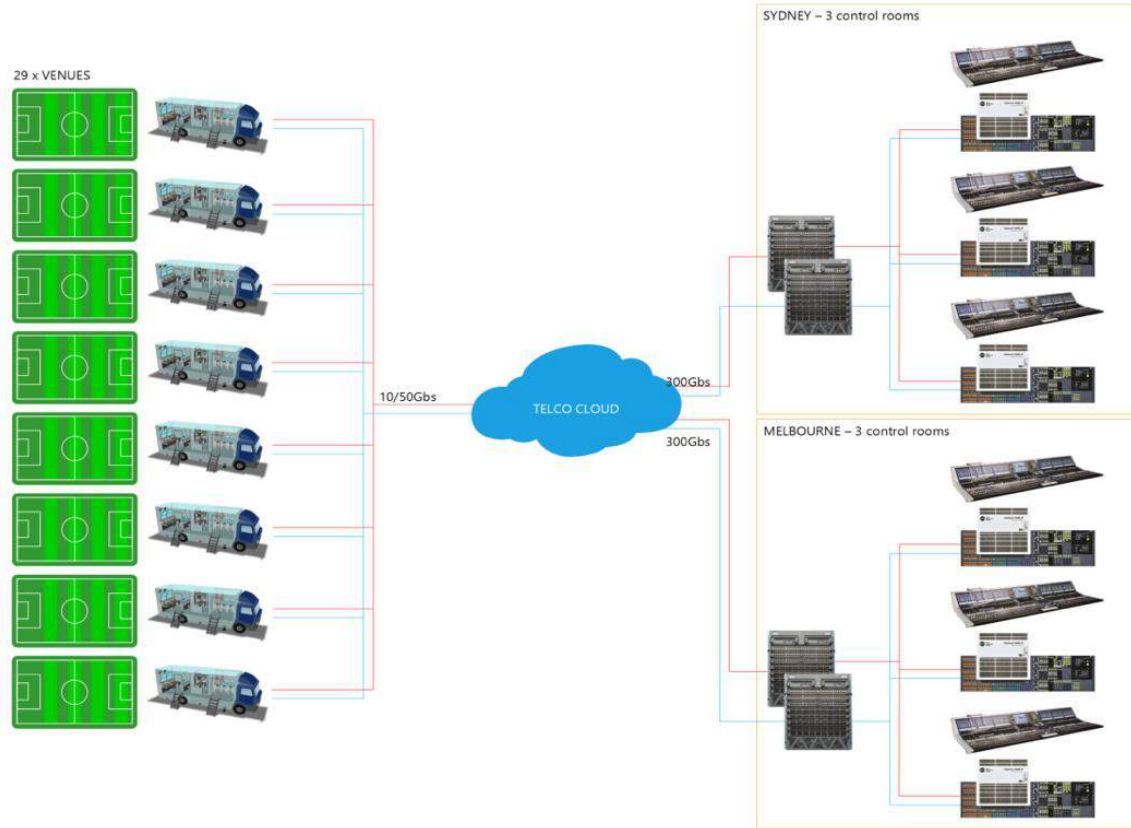




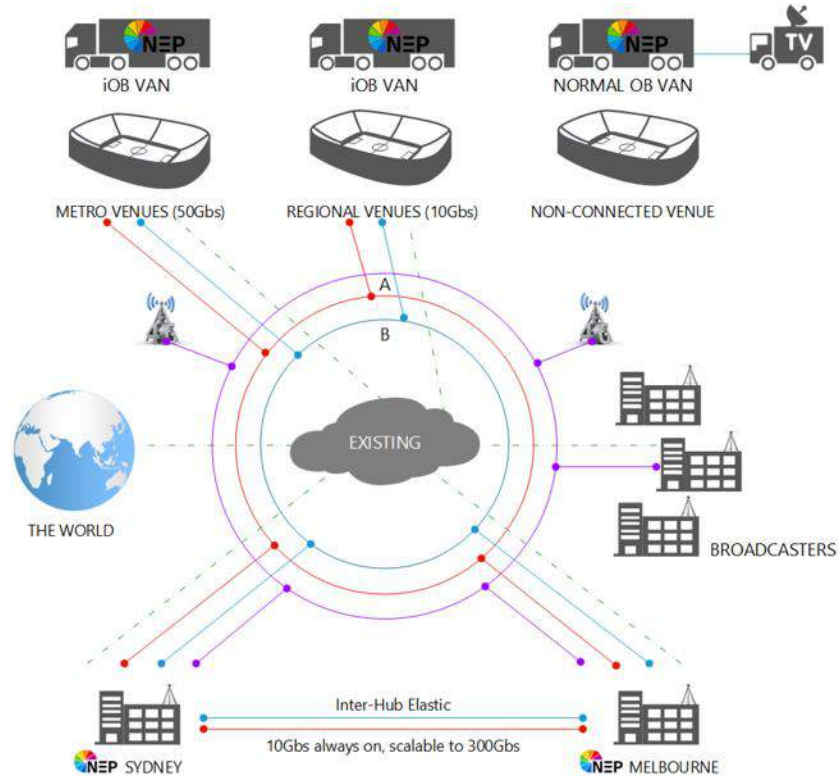
NEP Australia – The Challenge



NEP Australia – The Basic Concept



NEP Australia - Network Topology





Field of Play



Cameras native 2110

Stagebox 1



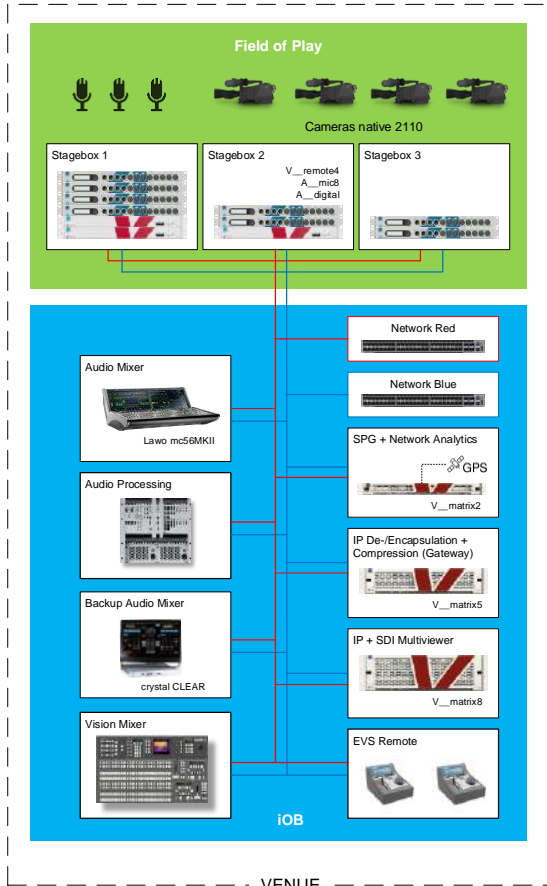
Stagebox 2

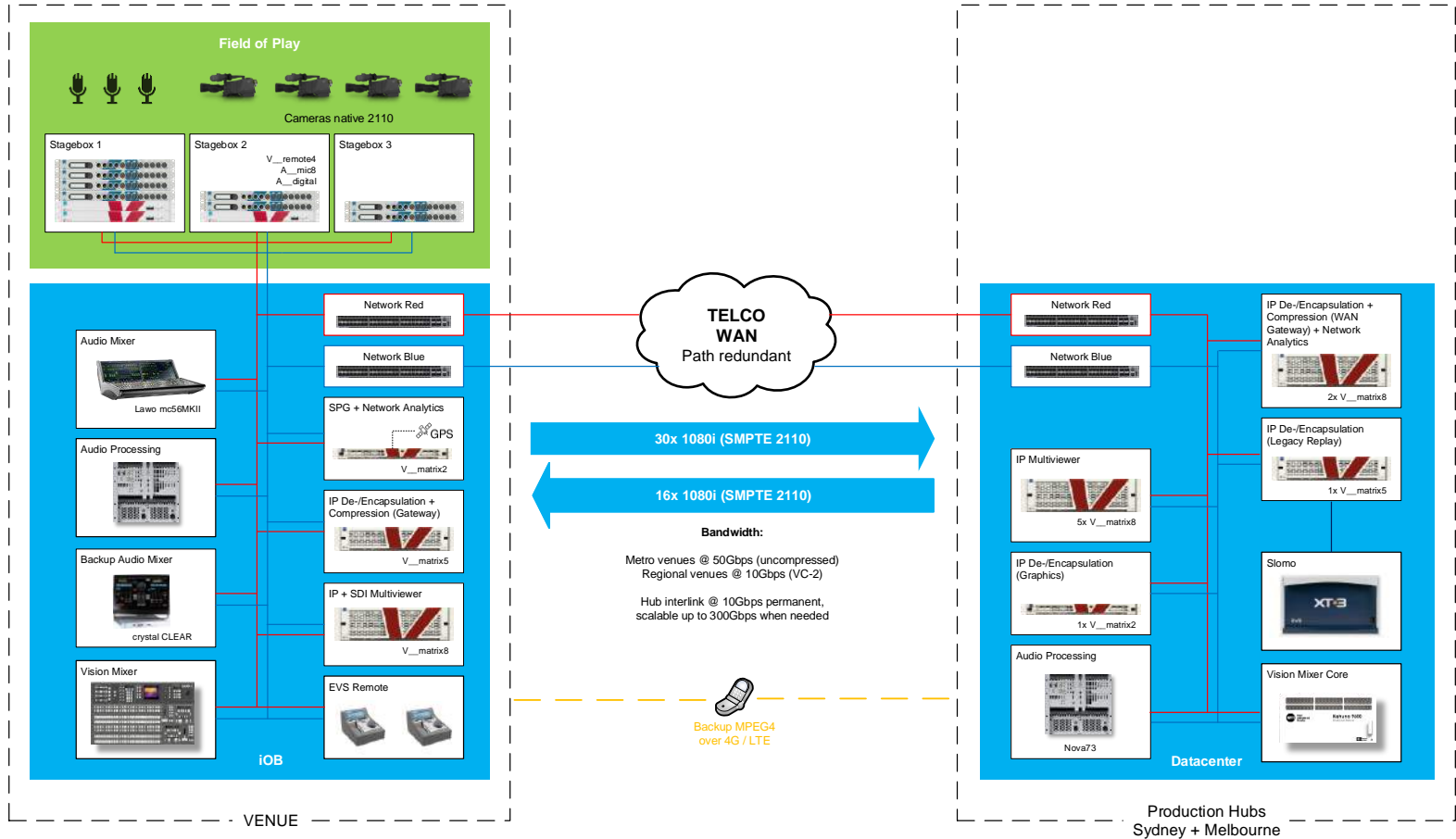
V_remote4
A_mic8
A_digital

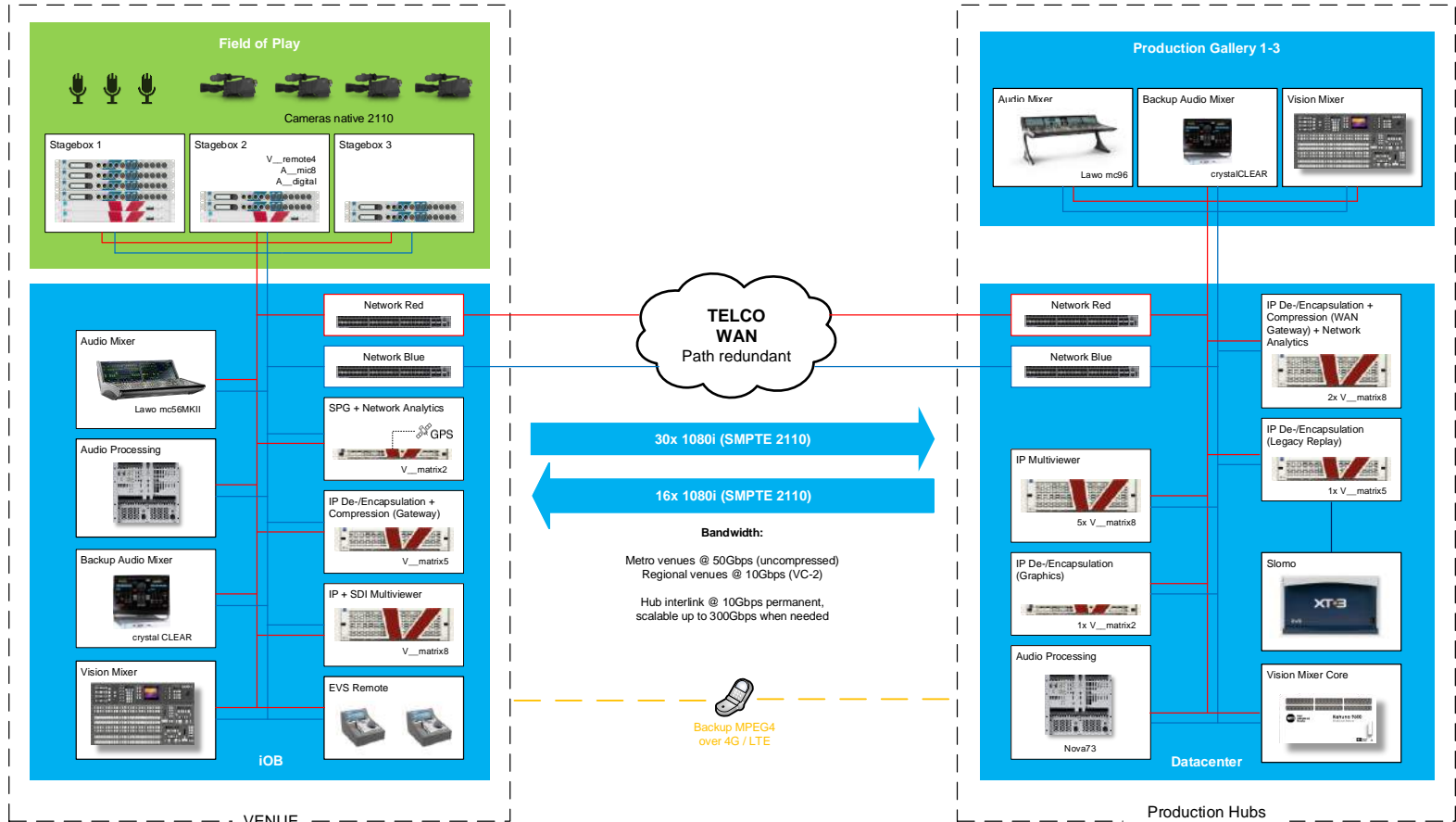


Stagebox 3

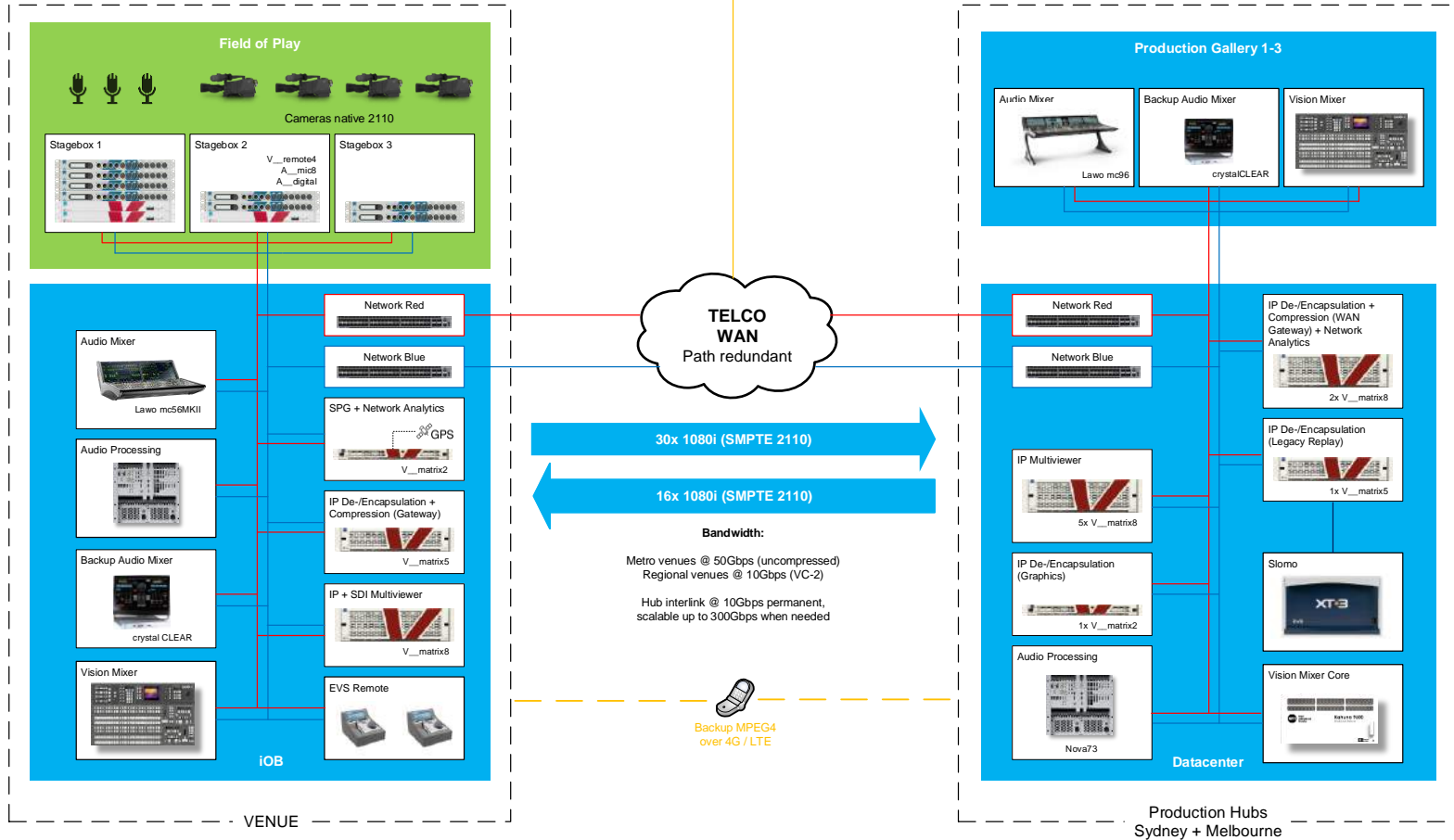








VSM Control Network



Broadcast Infrastructure Success Stories



NEP Australia
(Arista)

Proximus (Cisco)

Dorna, MotoGP
(Arista)

Univision (Cisco,
DNM)

Discovery/Eurosport
Olympics 2018
(Arista)

NEP Hilversum
(Juniper)

FOX Worldcup
(Arista)

NRK Bergen (Cisco)

Globosat Brazil

Plazamedia
(Nevion)

ORF

many more to
come...



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Merci de votre attention !



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