

Agenda

RTL Tech – Upgrade Studios

- 1 History***
- 2 Requirements***
- 3 Design***
- 4 Tech stack***
- 5 Challenges***
- 6 Learnings***

Studio 9 & 14 upgrade

History

< 2014 : News gallery: fully staffed [6-8 pers]

2014 : Build of studios and galleries [Avid iNews & Sony ELC automation]

2022 : Decision to renew Studio 9 & Studio 14

2023 : Awaiting decision renewal of Newsroom system

RTL Nieuws decided on Saga & Mimir

Avid & SONY stated: "We have no connections with Saga.

And both were not planning too either....

Our new set of editorial tools

The logo for 'saga' is written in a red, lowercase, sans-serif font.

Replaced

*TIM editorial
Trello
Avid iNews*

The logo for 'mimir' is written in a teal, lowercase, sans-serif font.

Replaced

*AVID interplay
AVID MediaCentral
Assets*



Replaced

*Avid Media
Composer*

The logo for 'dzjinius' is written in a dark green, lowercase, sans-serif font.

Replaced

*TIM production
TIM editorial
archive*

Studio 9 & 14 upgrade

Requirements

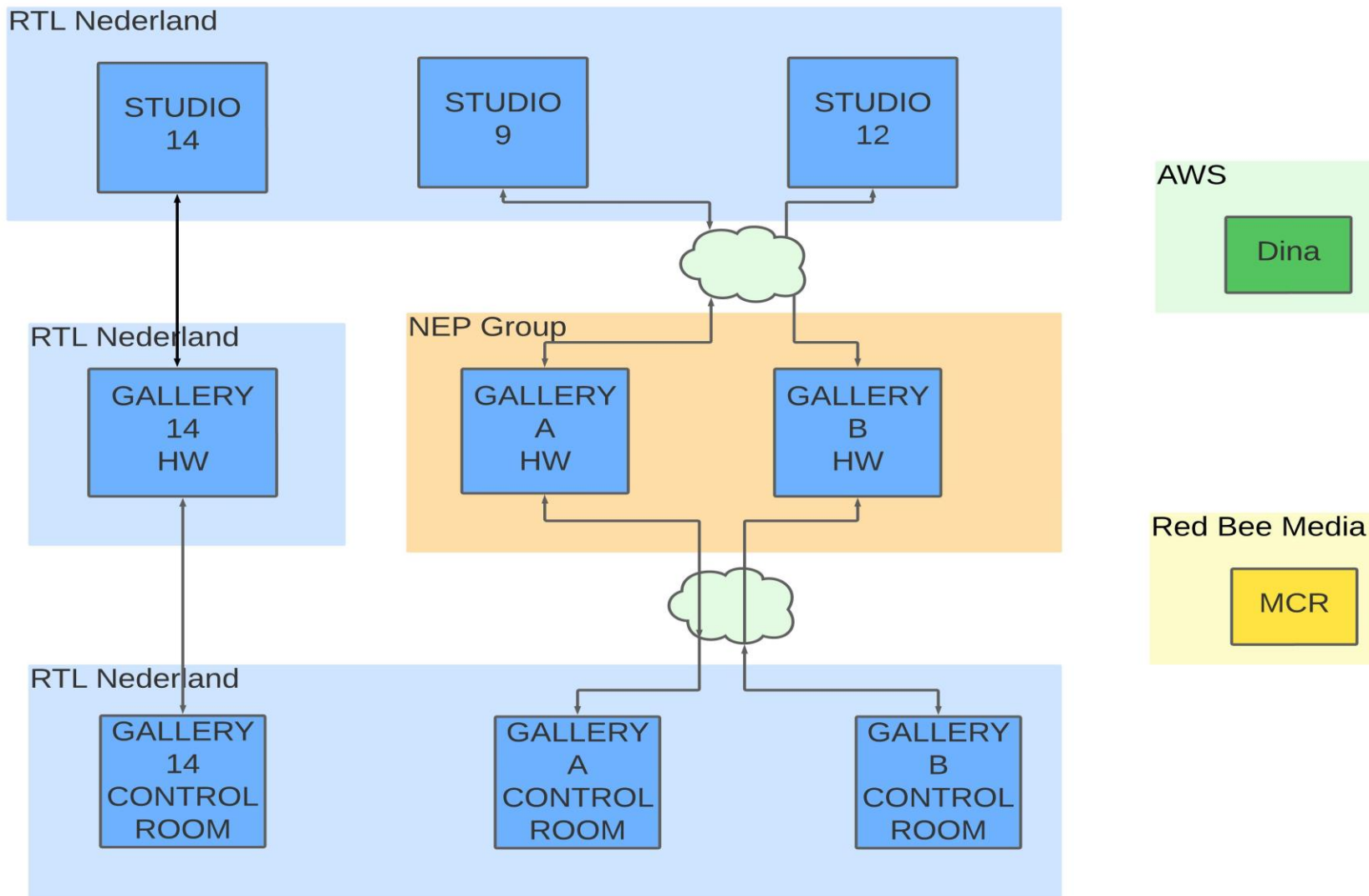
- ***Gallery automation to connect to Saga rundown***
- ***Hardware in external data centre***
- ***2x galleries able to cross-connect to 2x studios***
- ***Infrastructure future proof: SMPTE 2110 IP based network***
- ***Board decision: Only 1 big studio & 1 very small studio....***

Q4 2023: RfP ready

Q1 2024: Decision on vendor/integrator: NEP Broadcast

Studio 9 & 14 upgrade

Design



Studio 9 & ~~14~~ 12 upgrade

Technical stack: Studios

- *Green screens*
- *LED screen (3 x 2 meter)*
- *LCD screens*
- *Zero Density – Reality AR & VR*
- *Ross Artimo remote controlled pedestals (fully moveable)*
- *KST-Egripment Skytrack with Robotic arm*
- *Tecnopoint pedestals*
- *Grass Valley studio cameras / Canon lenses*
- *Panasonic PTZ cameras*

Studio 9 & 12 upgrade

Tech stack: Gallery A & Gallery B

Two technical identical galleries:

- ***Ross Overdrive***
- ***Ross SmartShell camera control***
- ***Ross Media I/O***
- ***Ross XPression (L3rd, Stills)***
- ***Zero Density Reality***
- ***Grass Valley Kahuna video mixer***
- ***Lawo Home DSP audio mixer***
- ***Saga rundown***

Studio 9 & 12 upgrade

Challenges: Newsroom integration with Galleries

From Saga / Mimir to Ross Overdrive/XPression

- ***from rundown to playlist***

Delivery of content:

- ***from field reporters to Mimir cloud storage***
- ***from agencies (e.g. ENEX) to Mimir cloud storage***
- ***from proxy timeline in the cloud to Media I/O on-prem***
- ***from Avid Interplay to Mimir***

Studio 9 & 12 upgrade

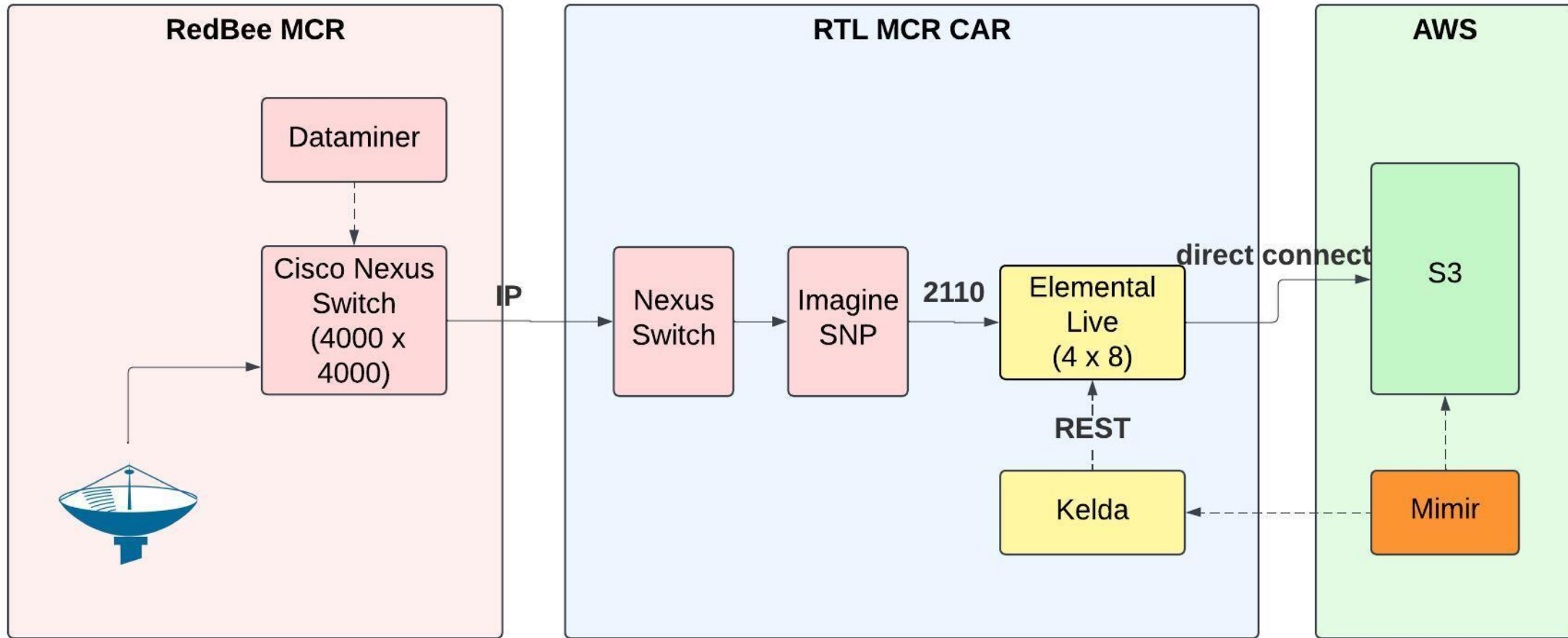
Learnings : Some examples

We are still in the middle of the transformation, but...

- ***A lot of change management was needed at the editorial floor***
- ***We should have changed less things at the same time***
- ***We had to re-organize daily operational support***
- ***We should have been more strict on video quality***

Studio 9 & 12 upgrade

AWS ELEMENTAL – Live feeds to the Mimir S3 cloud



Q&A

