



#ACCELERATORS2024

INCUBATOR PROJECT: CONNECT AND PRODUCE ANYWHERE, PHASE II

13 SEPTEMBER 2024

IAN WAGDIN, BBC R&D

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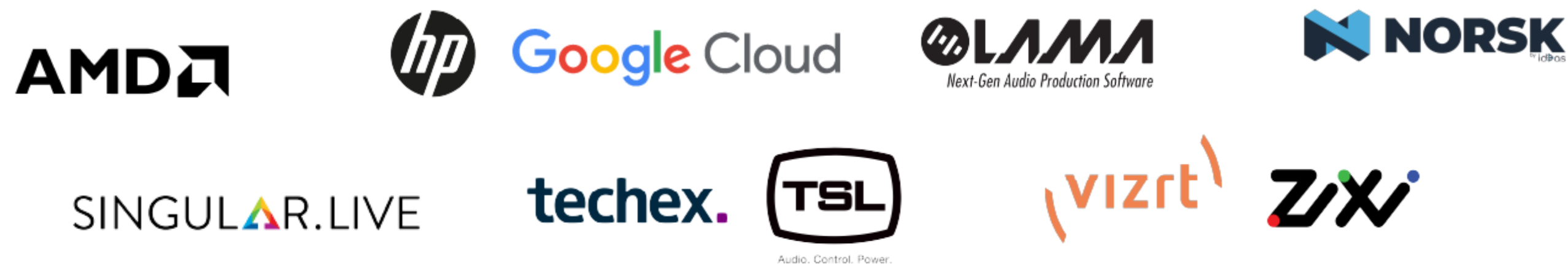


ACCELERATOR PROJECT: CONNECT AND PRODUCE ANYWHERE II

Champions



Participants



Problem Statement

The challenge:

Dynamically move live production media processing stages between cloud and edge computing at the event.

- Do this so that the operators don't notice!

Allows us to deploy software to the best location making the most efficient use of resources in a bandwidth constrained location.

- Do this so that production experience is not impacted by bandwidth



Challenge Overview & POC Objectives

To Take the Learnings from last year and move to real world deployable solutions

In 2024 we aimed to..

- Have successfully deployed a software based dynamic media facility workflow on location using edge compute building on the work of last year's Accelerator.
- To have multiple software and format choices at different points in the workflow
- To have deployed on multiple types of infrastructure
- To better understand sustainability and operational challenges and benefits

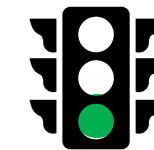


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What is the innovation?

To move from the Lab PoC to a real-world deployment and understand....

- Sustainability/ environmental monitoring & measurement
- Orchestration
- Deployment (including containerisation) into real world scenarios
- Observability – where complex software techniques meet broadcast
- Other transport formats – 2110, audio
- Business case and licence options. – agile and flexible



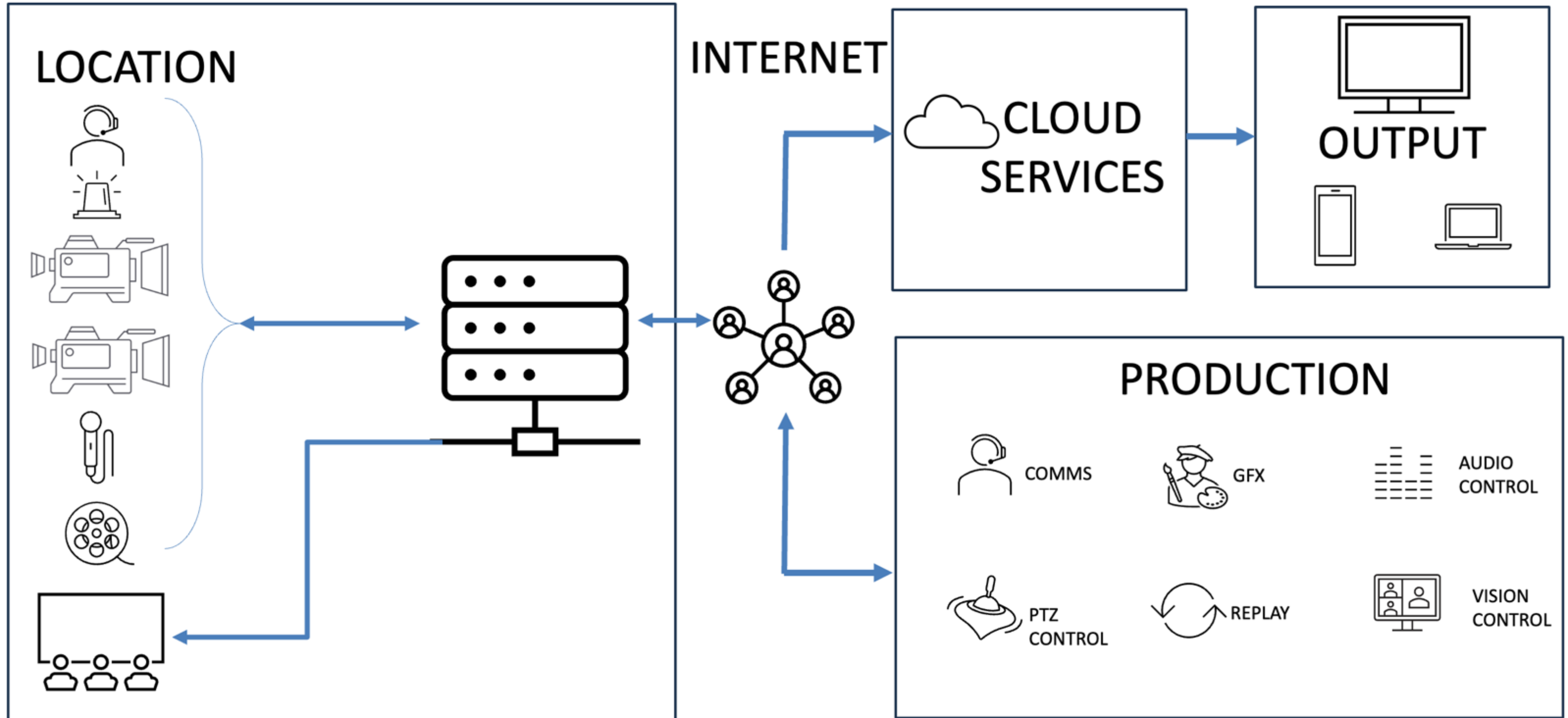


EDGE FIRST

CONSTRAINED BANDWIDTH

WORK ANYWHERE

SUSTAINABILITY





First Incubator Project in 2024: Connect & Produce Anywhere



Formula E,
London, July
2024



Media Prod Tech Show, May 2024



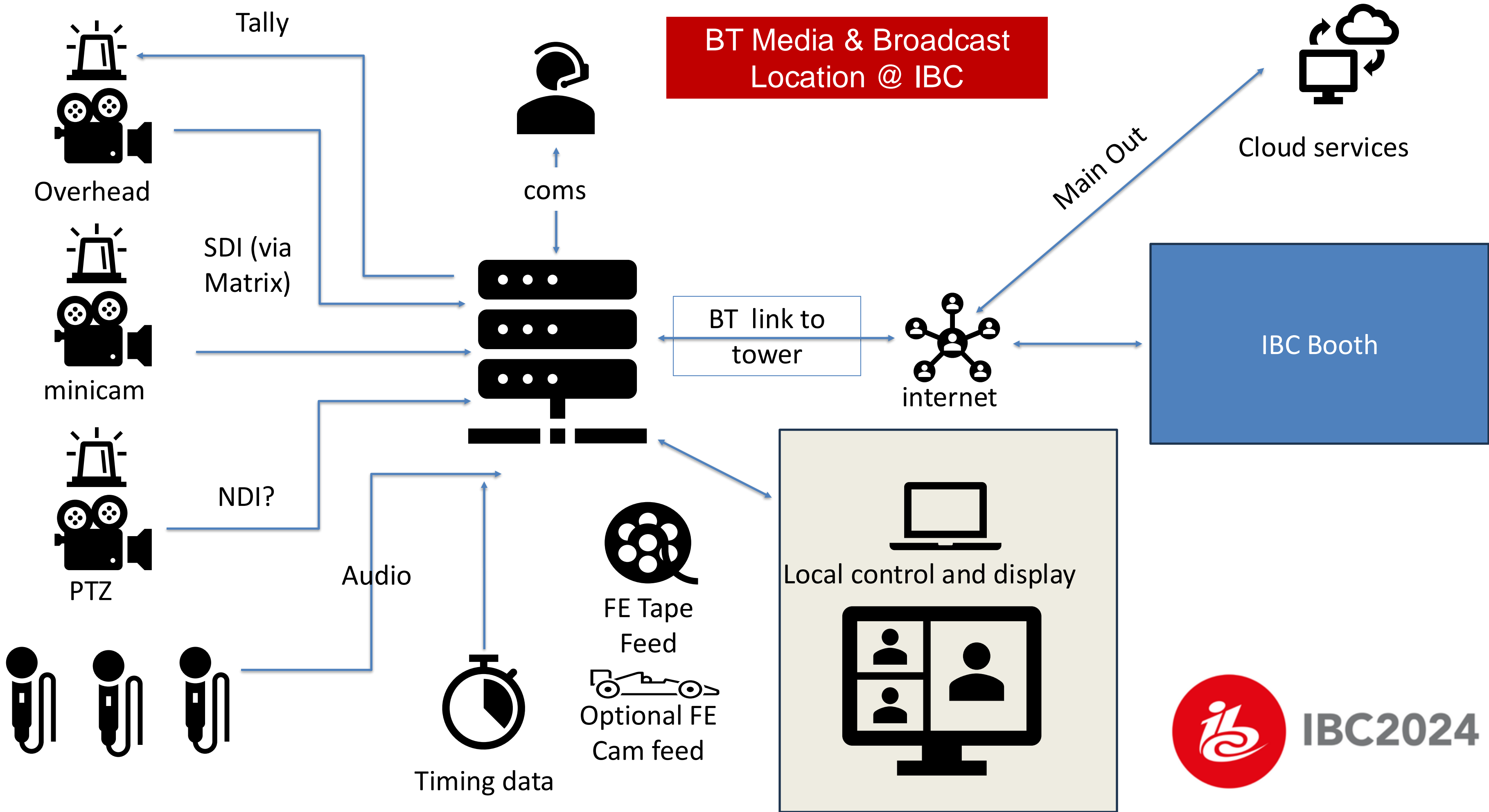
**CONNECT
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#IBCACCELERATORS2024



EBU Network Technology
Summit, June 2024

BT Media & Broadcast Location @ IBC

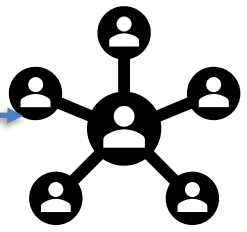




IBC2024

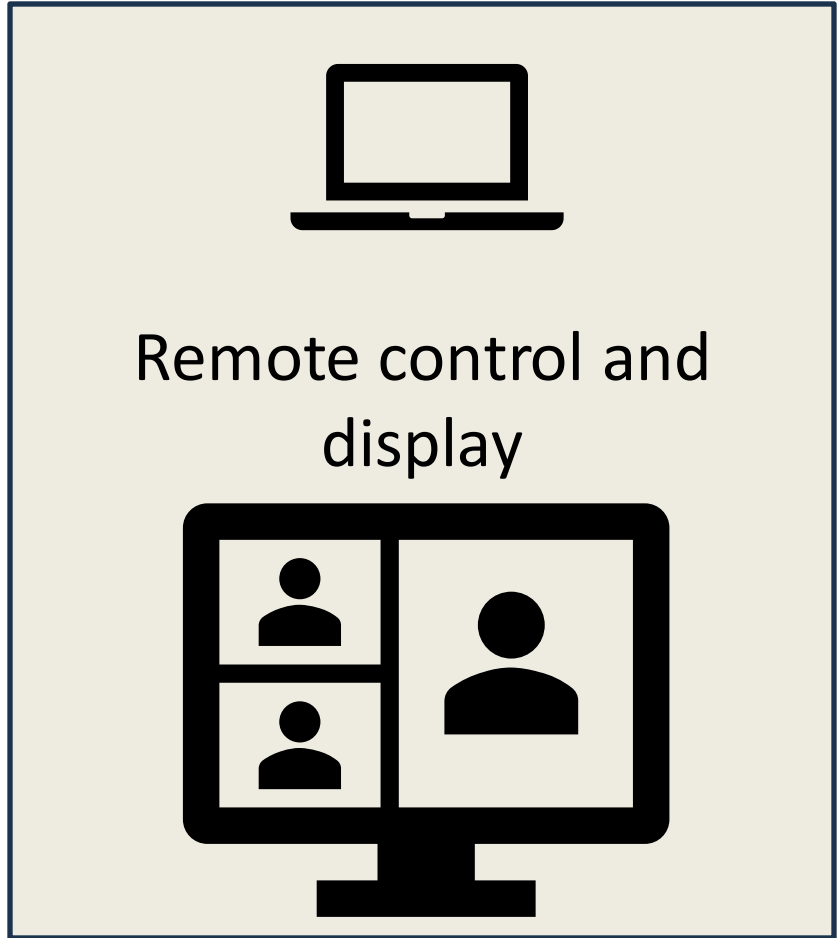
IBC Accelerator Zone


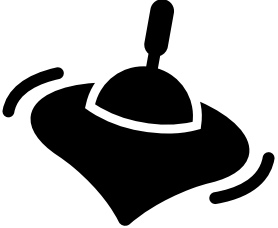
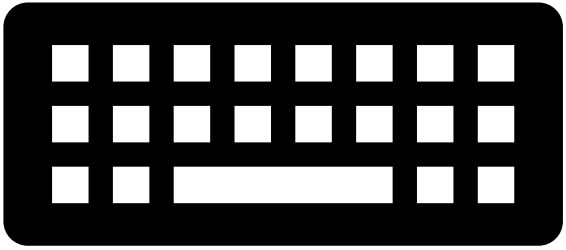
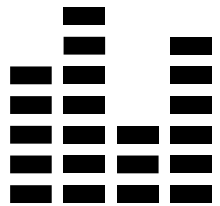
BT Media & Broadcast Location @IBC

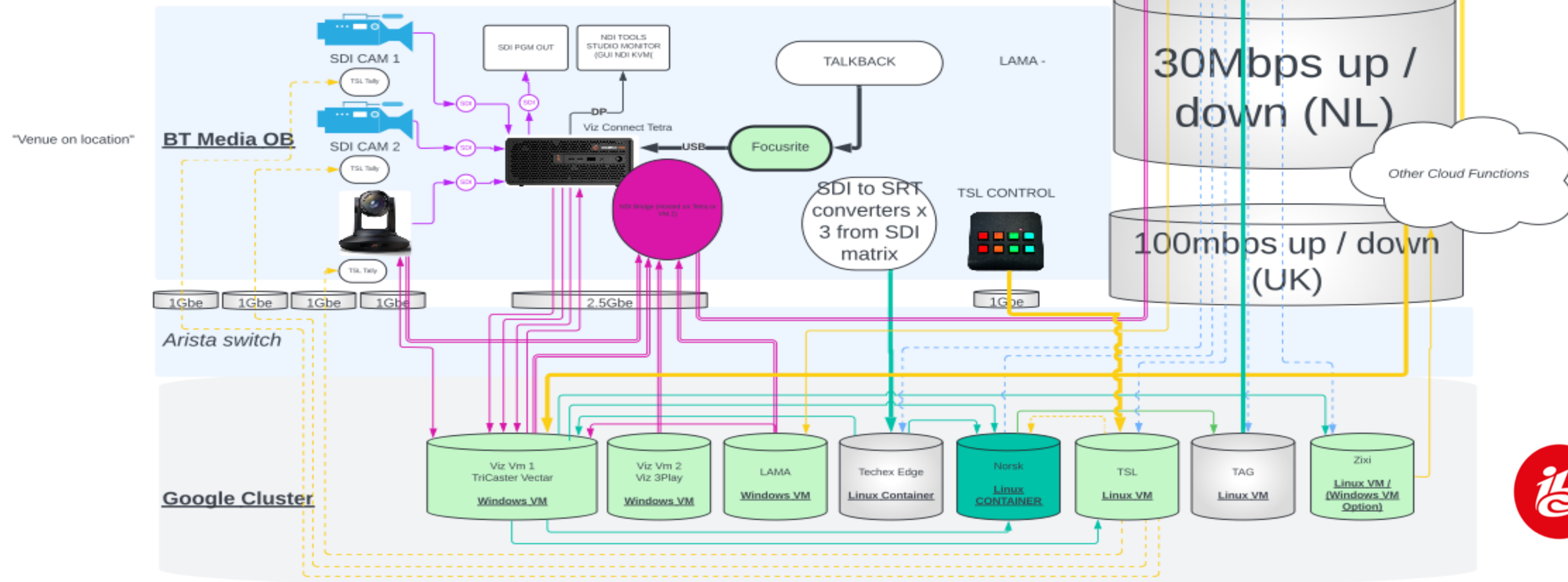
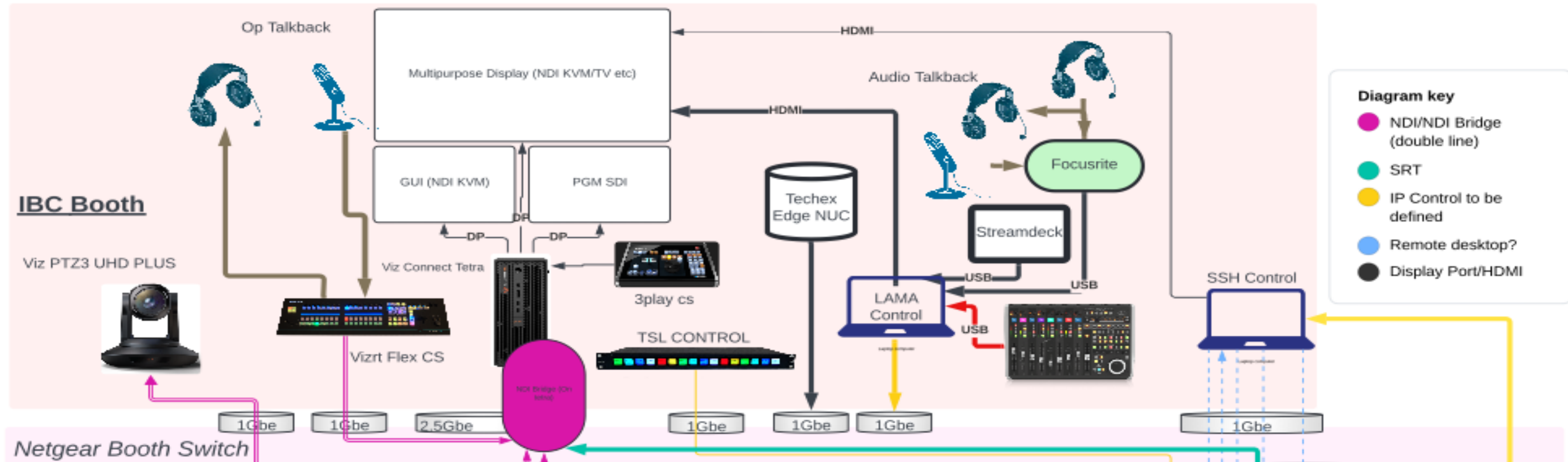


internet

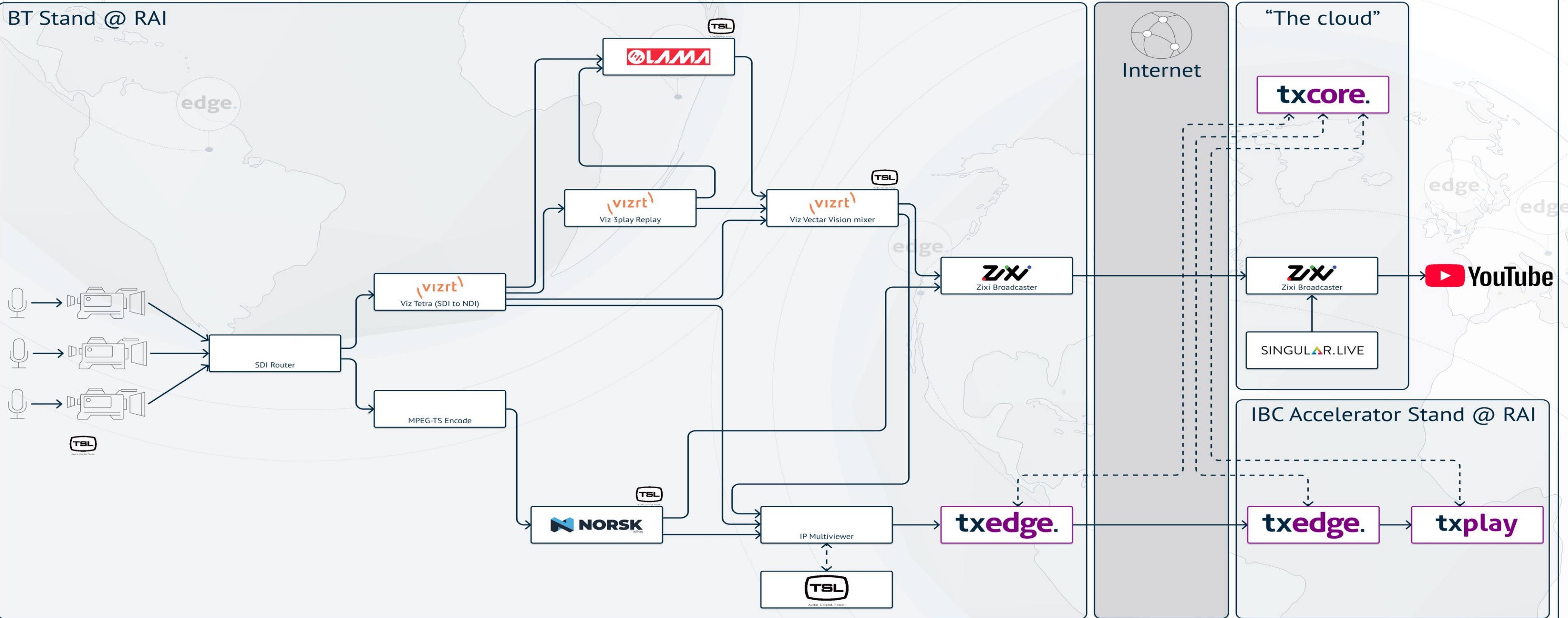
Multiviewer and Prog out (proxy?)



- 
Coms
- 
PTZ control
- 
Vision control
- 
Audio control



BT Stand @ RAI



IBC Accelerator - Connect and Produce Anywhere II



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13-16 SEPTEMBER 2024

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