

DISK Systems, s.r.o.



www.disk.cz

Ing. Petr Krkavec

Trendy na NAB 2023

- **Nové a lepší PTZ kamery**
- **Cloud řešení**
- **Remote production**
- **IP konektivita / 5G sítě**
- **IP protokoly NDI, SRT, SMPTE 2110 a jejich workflow**
- **Co nejnižší latence!**

Trendy na IBC 2023

- **Cloud řešení**
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- **IP protokoly NDI, SRT, SMPTE 2110 a jejich workflow**
- **Co nejnižší latence!**



Trendy na IBC 2024 ?!?

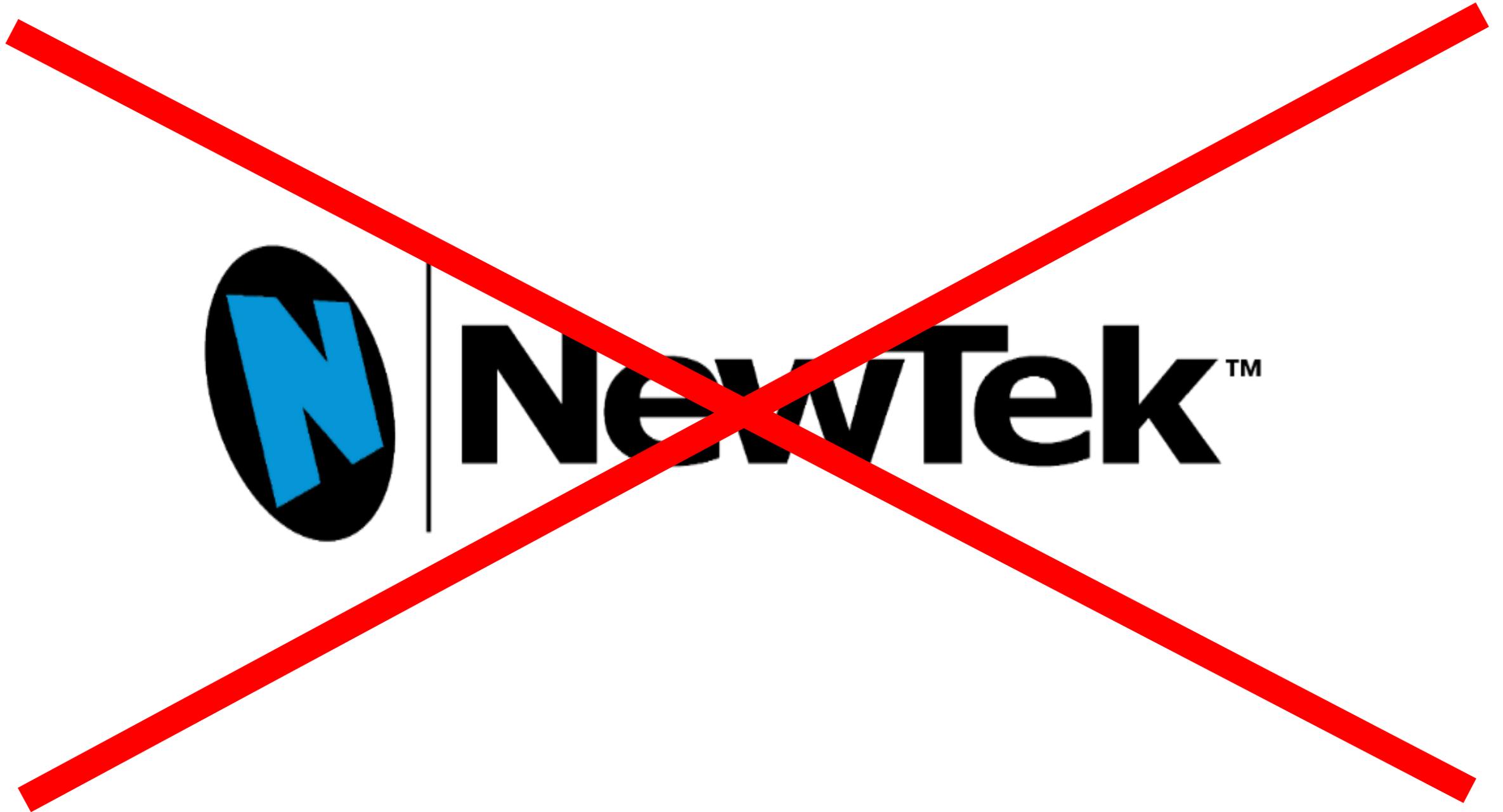
- **Cloud řešení**
- **Subscription!**



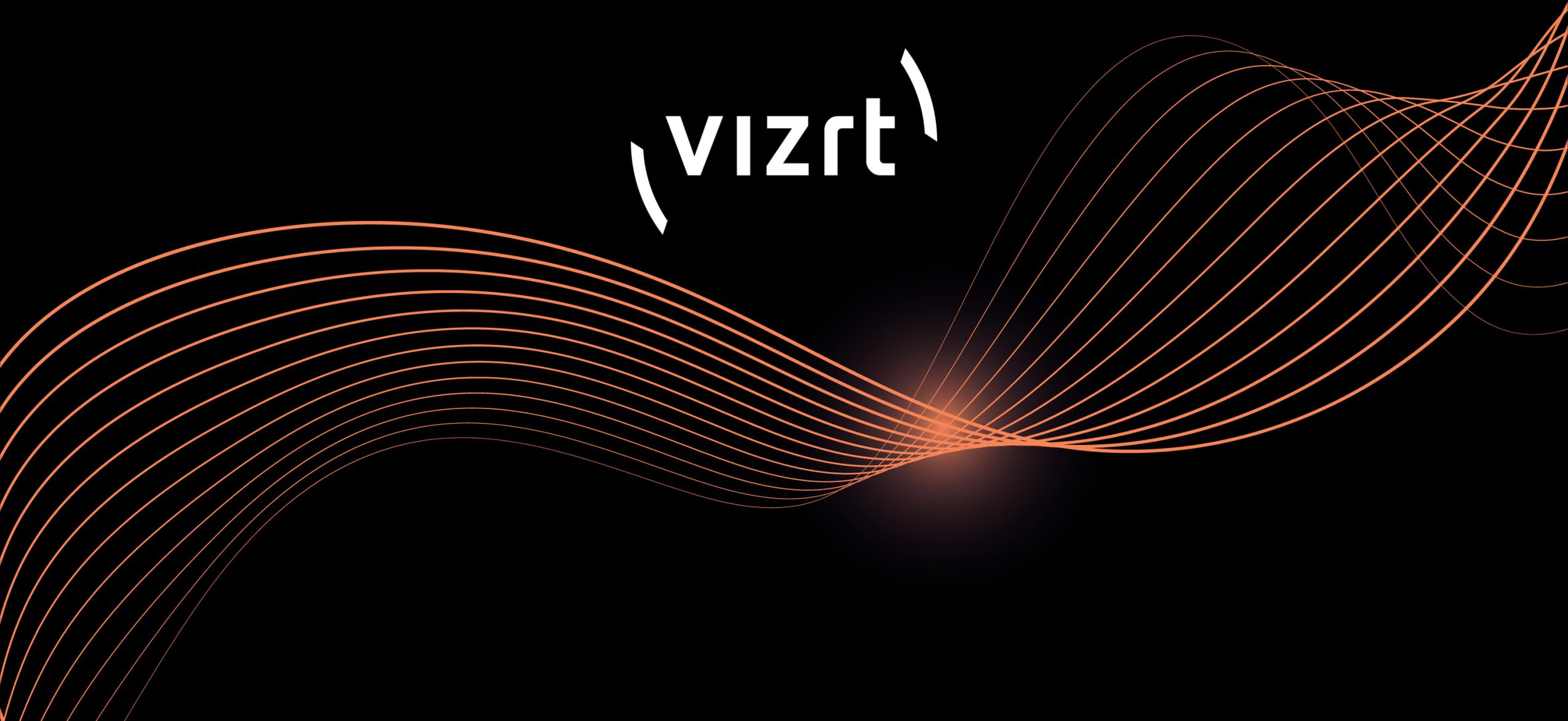
NewTek™



NewTek™



vizrt



Graphics

Viz Trio
Viz Pilot/Pilot Edge
Viz Social
Viz World
Viz Channel Branding
Viz Ticker
Viz Artist
Viz Engine
Viz Flowics

Sports

Viz 3Play® Family
Viz Arena
Viz Libero
Viz Libero Teams
Viz Trio
Viz Virtual Studio
Viz Arc
Viz Multiplay
Viz Engine
Sports Content Factory

Virtual & XR

Viz Virtual Studio
Viz Arc
Viz Multiplay
XR Set Express
Viz Artist
Viz Engine

Cloud and Remote

Viz Vectar Plus
TriCaster® Now
Viz Engine
Viz Now
NDI®

Automation

Viz Mosart
Viz Engine

Live Production

TriCaster® Family
Viz Vectar Plus
Vizrt PTZ Cameras
TalkShow® VS 4000
Control Panels

Video Conversion

Viz Connect Solo

The NEW Vizrt

The world of media is changing. Content creation is evolving. Vizrt has joined forces with NewTek. So, what does this really mean?

[▶ Watch Video](#)

[🔍 Learn More](#)

Cloud and Remote

Viz Vectar Plus

TriCaster® Now

Viz Engine

Viz Now

NDI®

Live Production

TriCaster® Family 

Viz Vectar Plus

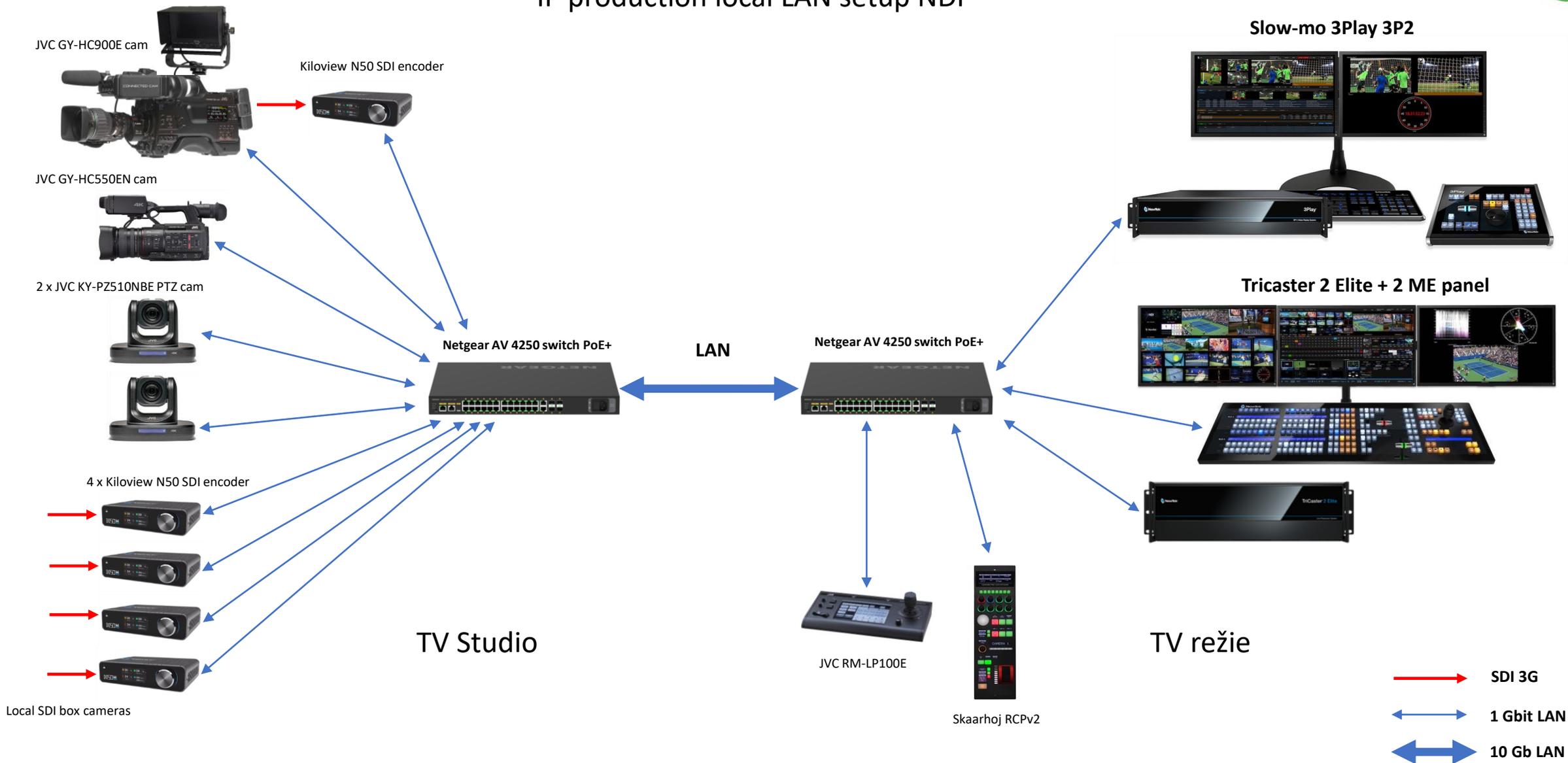
Vizrt PTZ Cameras 

TalkShow® VS 4000

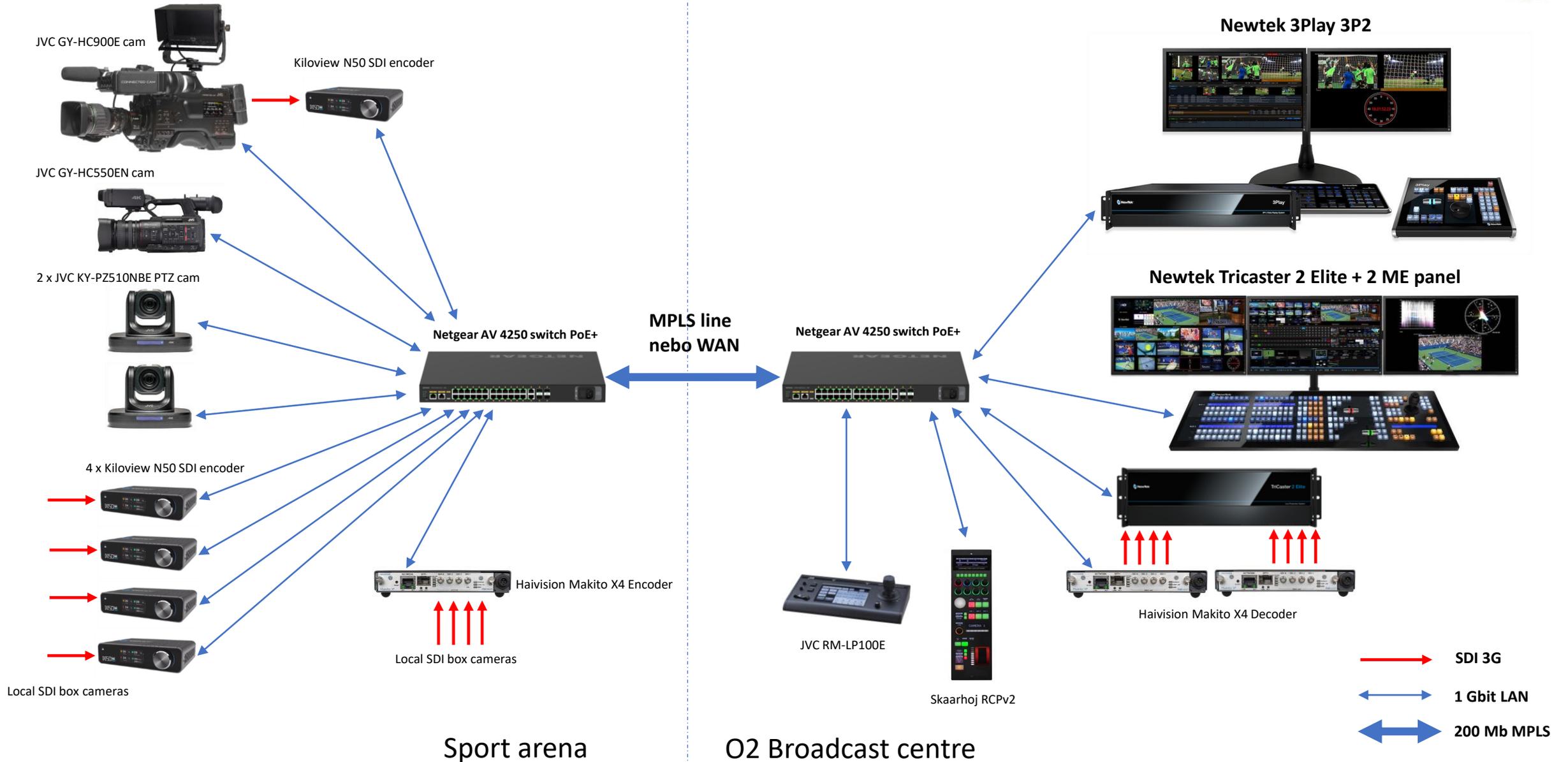
Control Panels

Jak to funguje?

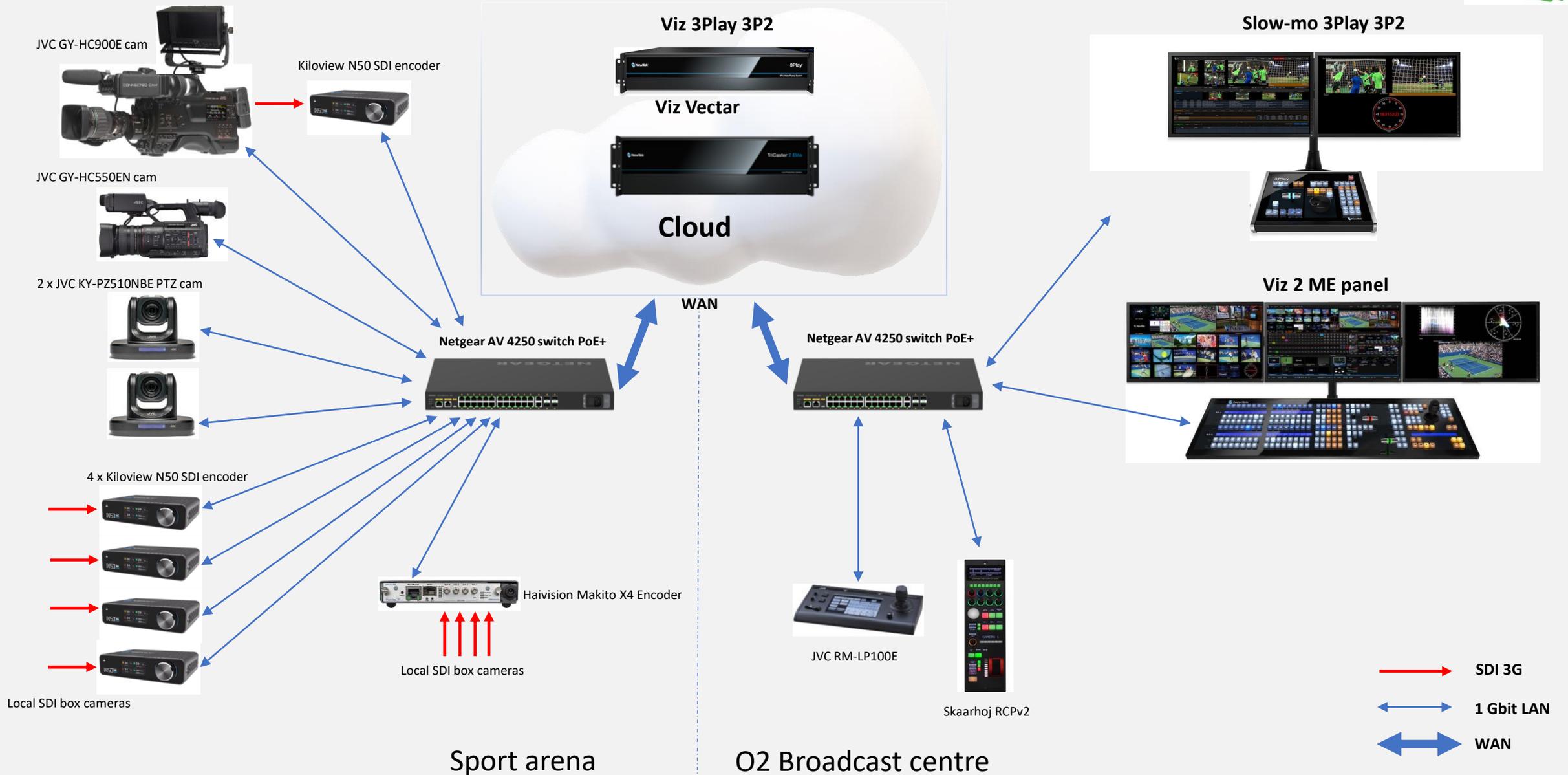
IP production local LAN setup NDI



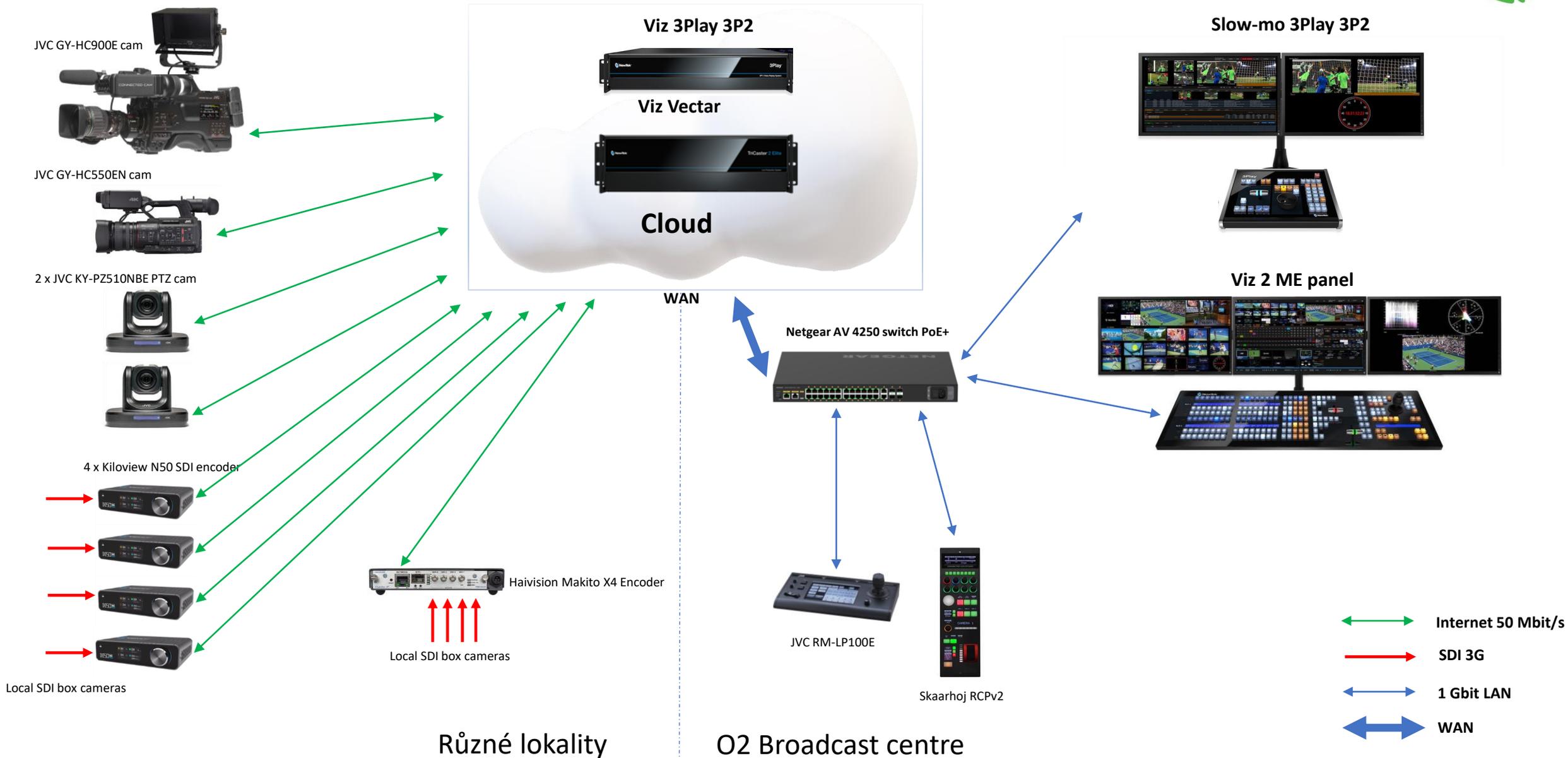
Remote production MPLS / WAN setup NDI-HX + SRT



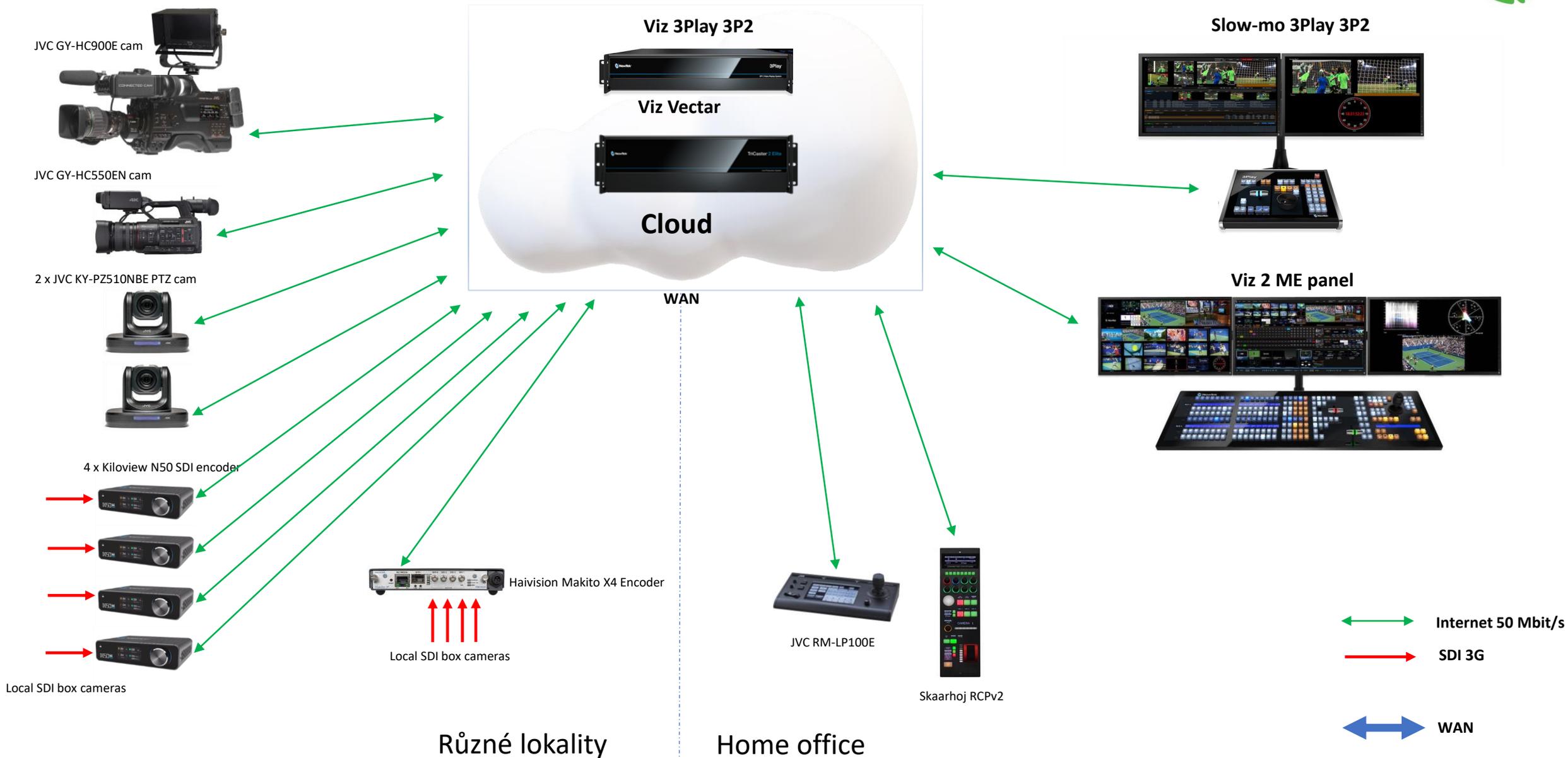
Cloud production WAN setup NDI-HX + SRT



Cloud production WAN setup NDI-HX + SRT



Cloud production WAN setup NDI-HX + SRT



JVC GY-HC900E cam

JVC GY-HC550EN cam

2 x JVC KY-PZ510NBE PTZ cam

4 x Kiloview N50 SDI encoder

Local SDI box cameras

Haivision Makito X4 Encoder

Local SDI box cameras

Různé lokality

Viz 3Play 3P2

Viz Vectar

Cloud

WAN

Slow-mo 3Play 3P2

Viz 2 ME panel

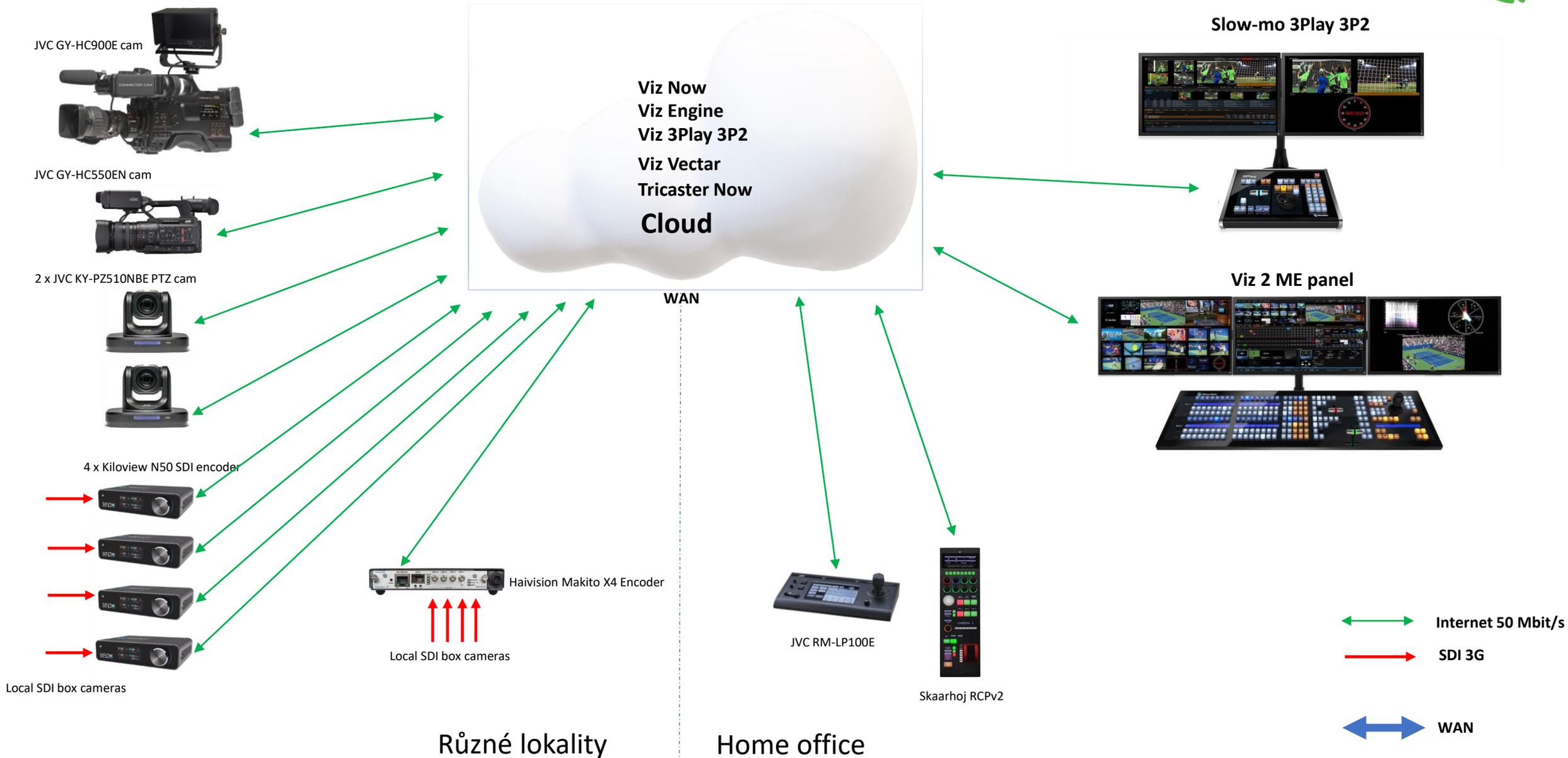
JVC RM-LP100E

Skaarhoj RCPv2

Home office

- Internet 50 Mbit/s
- SDI 3G
- WAN

Cloud production WAN setup NDI-HX + SRT





TriCaster[®] Now

The most complete, on-demand, cloud-based live production solution available.

What is TriCaster[®] Now?

TriCasters are the most capable live video production solutions available and TriCaster Now is all that and more and available on-demand in the cloud.

A seamless, adaptable and scalable virtualised TriCaster that empowers creative professionals to produce and deliver high-quality video content from anywhere in the world.

TriCaster[®]

All the broadcast quality functionality you can expect from a TriCaster – in the cloud!



Built to grow and scale with your production needs.



Virtualised production environment switched on when you need it and off when you don't.



Vizrt owned and managed AWS account for quick and easy set-up.



Perfect for seasonal or ad hoc productions with remote teams with sources already in the cloud.



Fully functional switched up and running in less than 10 minutes.

Introducing TriCaster® Now

Reliable

Offering the experience, credibility and capabilities that come with owning a TriCaster without the up-front cost. Once a TriCaster operator – you can move to use any with ease – no matter the size or type of production. Users can be assured that they get all the latest and greatest TriCaster feature available in their cloud-based switcher – without the need to upgrade or update.

Adaptable

No need for expensive on-premise equipment and maintenance fees. Flexible, subscription pricing and per-usage credit allows customers to choose a model that best fits them. Fully functional video switcher up and running in less than 10 minutes! Seamless and rapid deployment, giving you the edge to stand out in today's dynamic and competitive media landscape.

Scalable

Perfect for producers who have seasonal peaks in their production needs, TriCaster now offers two ways to scale:

- Select the size of the TriCaster workstation and number of inputs and outputs to suit the size of production.
- Select the subscription model that caters to how many concurrent productions needed at any given time.

How do TriCaster® Now and TriCaster® Vectar Compare?

TriCaster® Now



Vizrt owned and managed AWS account. Just the TriCaster cloud workstation provided.



Scalable from 8 to 16 inputs depending on requirements.



Perfect for seasonal or ad hoc productions with remote teams with sources already in the cloud.

Easy & Standardized

TriCaster® Vectar



Customer owned and managed cloud instance. Can be installed in cloud along with other products.



Powerful 44 input switcher



Perfect for users with a deep understanding of complex cloud-based production with systems integration skills.

Powerful & Customizable

How can I buy TriCaster® Now?

TriCaster Now currently offers two ways to use this powerful cloud-based workstation:

TriCaster® Now – Discovery Pass

Curious or hesitant about transitioning to cloud-based live video production? Discovery Pass offers an excellent opportunity for potential customers to explore the platform's capabilities, understand its benefits, and gain hands-on experience with cloud-based live video production. Available as a 1-month subscription for first-time subscribers only.

TriCaster® Now – Basic

TriCaster Now Basic provides a solid foundation for users seeking a cost-effective solution to dip their toes into cloud-based live production. It offers a standard level of video inputs and outputs, supporting HD video quality. This is ideal for small-scale productions and entry-level users and single-team setups.

Try it!

Curious or hesitant about transitioning to cloud-based live video production? Discovery Pass offers an excellent opportunity for potential customers to explore the platform's capabilities, understand its benefits, and gain hands-on experience with cloud-based live video production. Available as a 1-month subscription for first-time subscribers only.



1-month subscription



Built to scale and
grow

Product highlights

- ✓ 2 Users
- ✓ 2 Video Outputs
- ✓ 4 Media Players
- ✓ 1 Production
- ✓ 2 Decoder, 1 Encoder
- ✓ 4 Recording Channels
- ✓ 1 Region
- ✓ 1920×1080 60p Resolution
- ✓ 28 Monthly Credits/10Hrs.
- ✓ 450GB Storage
- ✓ 4 Mix/Effect buses
- ✓ Up to 8 PTZ Cameras
- ✓ 8 Video Sources
- ✓ 2 DSK Channels
- ✓ Flowics 30 Day Trial
- ✓ 2 Layers

Built for your production needs

TriCaster Now provides a solid foundation for users seeking a cost-effective solution to dip their toes into cloud-based live production. It offers a standard level of video inputs and outputs, supporting HD video quality. This is ideal for small-scale productions and entry-level users and single-team setups.



Perfect for ad hoc or seasonal productions



Up and running in under 10 minutes

Product highlights

- ✓ 2 Users
- ✓ 1 Production
- ✓ 1 Region
- ✓ 450GB Storage
- ✓ 8 Video Sources
- ✓ 2 Video Outputs
- ✓ 2 Decoder, 1 Encoder
- ✓ 1920×1080 60p Resolution
- ✓ 4 Mix/Effect buses
- ✓ 2 DSK Channels
- ✓ 2 Layers
- ✓ 4 Recording Channels
- ✓ 4 Media Players
- ✓ 11 Monthly Credits/4Hrs.
- ✓ Up to 8 PTZ Cameras
- ✓ Flowics 90 Day Trial

How can I buy TriCaster® Now?

TriCaster Now currently offers two ways to use this powerful cloud-based workstation

Discovery Pass

\$65 / month

- 2 Users
- 1 Production
- 1 Region defined in advance
- 450GB Storage
- 8 Video Sources
- 2 Video Outputs
- 2 Decoder, 1 Encoder
- 1920x1080 60p Resolution
- 4 Mix/Effect buses
- 2 DSK Channels
- 2 Layers
- 4 Recording Channels
- 4 Media Players
- 28 Monthly Credits / 10Hrs.
- Up to 8 PTZ Cameras
- Viz Flowics 30 Day Trial

28 monthly credits included which equates to around 10 hours of platform usage.

Basic

\$150 / month

- 2 Users
- 1 Production
- 1 Region
- 450GB Storage
- 8 Video Sources
- 2 Video Outputs
- 2 Decoder, 1 Encoder
- 1920x1080 60p Resolution
- 4 Mix/Effect buses
- 2 DSK Channels
- 2 Layers
- 4 Recording Channels
- 4 Media Players
- 11 Monthly Credits / 4Hrs.
- Up to 8 PTZ Cameras
- Viz Flowics 90 Day Trial

11 monthly credits included which equates to around 4 hours of platform usage.

What if you need more credits?

Credits are included in each version and available to purchase separately

Discovery Pass

\$65 / month

28 monthly credits included which equates to around 10 hours of platform usage.

Basic

\$150 / month

11 monthly credits included which equates to around 4 hours of platform usage.

Credit Packs

Credit packs can be purchased in addition to the included plan credit amounts:



100 Credits – USD 1,000



300 Credits – USD 2,880



600 Credits – USD 5,520

Sample usage:



1 hour of HD production platform usage = 3 credits = USD 30

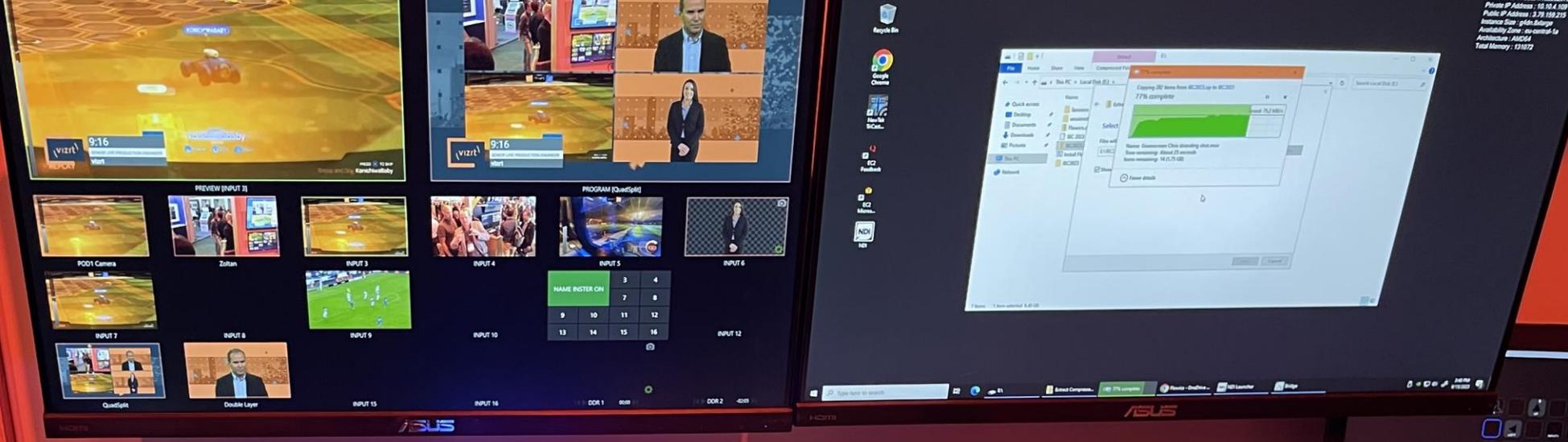


1 hour of UHD production platform usage = 6 credits = USD 60



Output

Viz Vectar Plus



Flexibilní IP intercom ?!?

Telos Infinity[®]

Break the Matrix

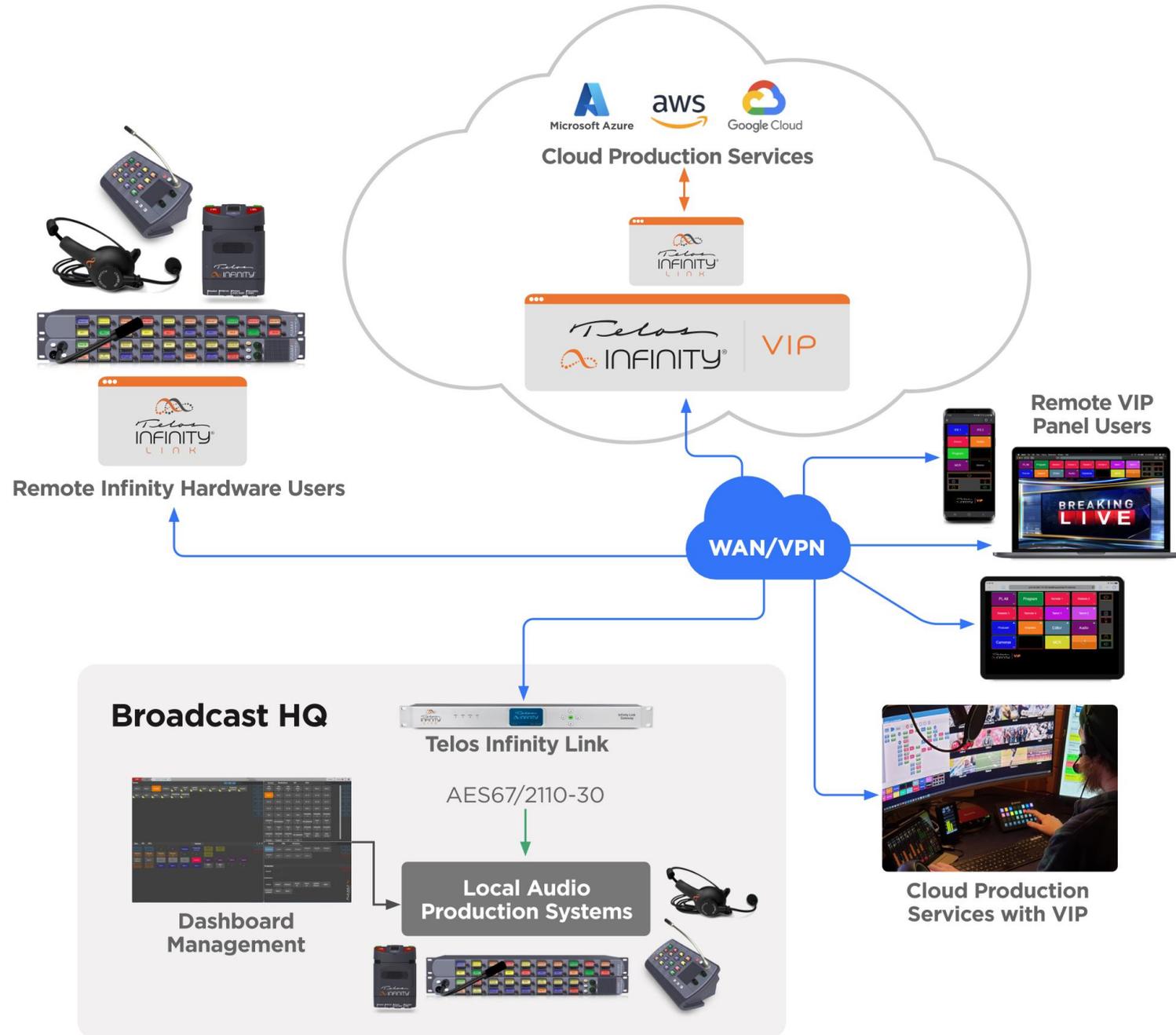




Telos
INFINITY® | VIP



Cloud Deployment





DELL

TELUS
INFINITY™

TELUS
INFINITY™

Table_D Right Table_A Desk Table_D Quasar BP Left BP Right Table_A Desk Crewcom Conf 1 Crewcom Conf 2 Crewcom Conf 3 Crewcom Conf 4

VIP Ch1 VIP Ch2 VIP Ch3 VIP Ch4 Local VIP1 Local VIP2 Local VIP3 Local VIP4 1/2 PREV Table_D Quasar

Shift Menu Home

Vol Aux

TELUS

Infinity MP-16
1RU 16 Key Intercom Master Panel

Infinity MXP-20
1RU 20 Key Intercom Expansion Panel

- 16/20 multicolor 30-character talk/listen keys with shift page access
- Powered by PoE/PoE+ (Power over Ethernet) or external DC
- Simple configuration by Dashboard application or web UI
- Native Livewire+™ AES67 network connectivity
- Auxiliary mic/line I/O and GPIO (INF-MP-16)

AES67
Livewire+



CGI

Artur Martin Tablet IP_Studio 1 IP_Studio 2 GV Pod 1 GV Pod 2

IBC Ch1 IBC Ch2 IBC Ch3 IBC Ch4 Altus Ch1 PGM Opus PGM NDI 1/7 PREV Artur

Connected


BROADCAST WITHOUT LIMITS


XE
Broadcast

Telos BeaconServer

- Dashboard
- Users
- Settings
- Log Out

VIP12: Panel 12 VIP

VIP13: Panel 13 VIP

VIP14: Panel 14 VIP

VIP15: Panel 15 VIP

VIP15: Panel 15

| Pwd | Name | Email | Link |
|-----|------|-------|------|
| | | Test3 | |

VIP16: Panel 16 VIP

VIP16: Panel 16

| Pwd | Name | Email | Link |
|-----|------|-------|------|
| | | Test2 | |

VIP17: offline VIP

VIP18: offline VIP

VIP19: offline VIP

VIP20: offline VIP

VIP21: offline VIP

VIP22: offline VIP

Create Invite: VIP15: Panel 15

Name:

Email:

Don't Send Email:

Don't Use Password:

Invite Valid From:

Invite Valid To:

Microphone Mode:

Audio Quality:



global skyware

global skyware

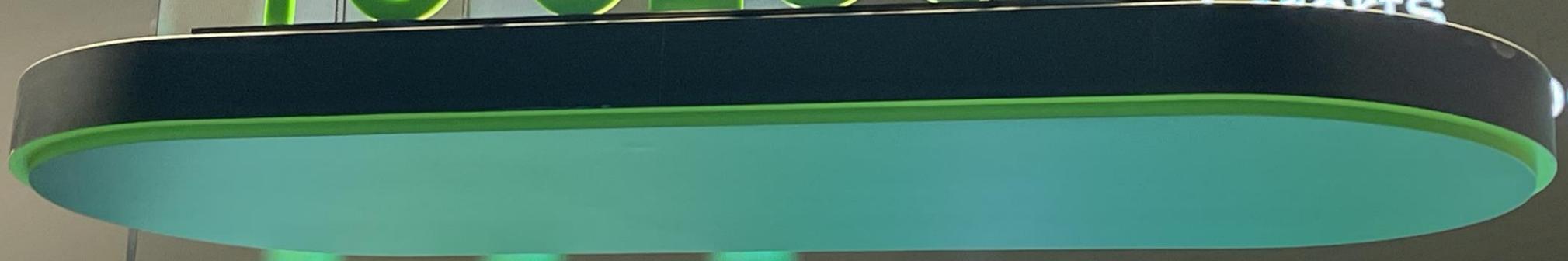
Global Invacom Group

globalinvacom

TO CLOUD

starts

g.



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Ing. Petr Krkavec