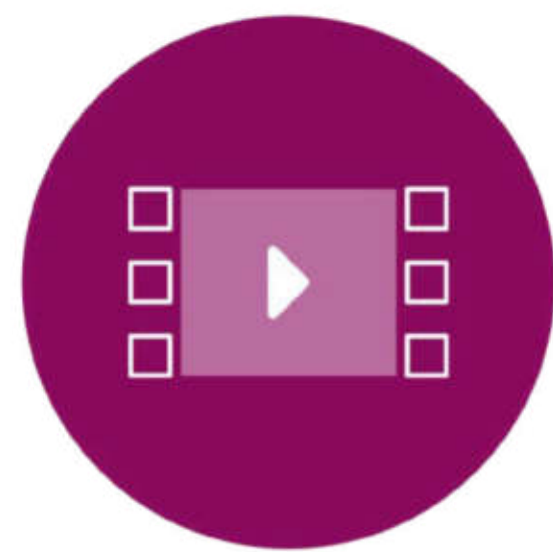
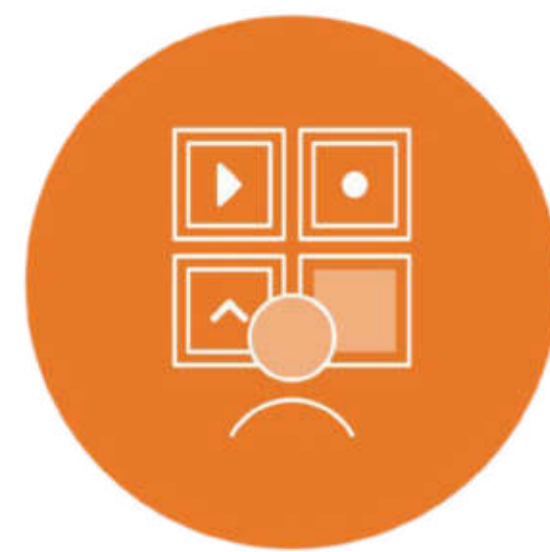


Content Owner



Channel Originator



Multi-Channel Distributor

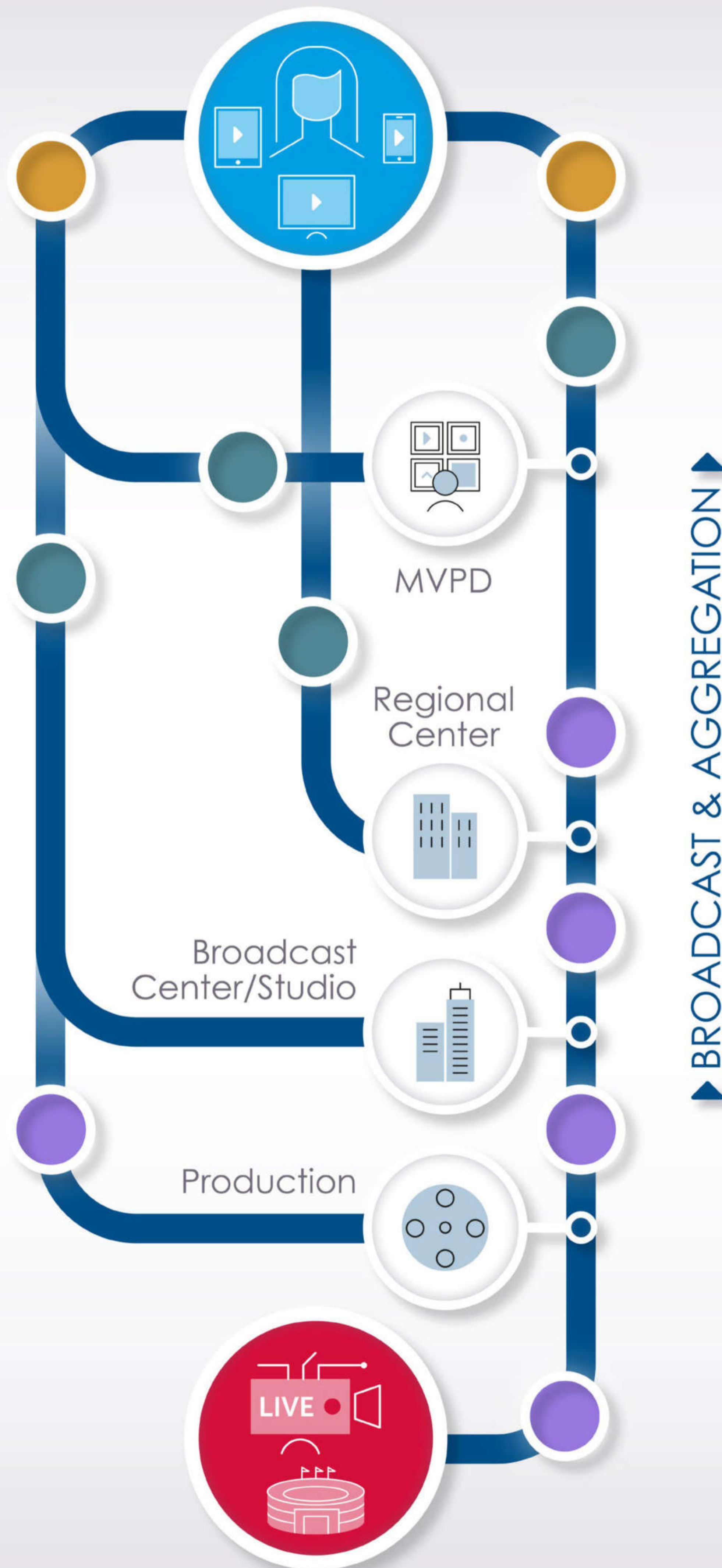
Comviva solutions Tailored to you.

▶ Experience extraordinary.

◀ Deliver dynamic.

○ Acquire amazing.

▶ STREAMING & OTT ▶



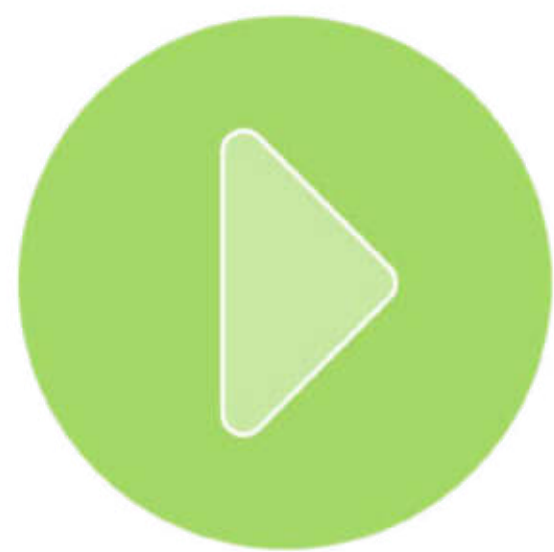
The Comviva landscape is continuously evolving requiring future ready Comviva technology solutions to deliver next generation consumer experiences

Overall Market Trends

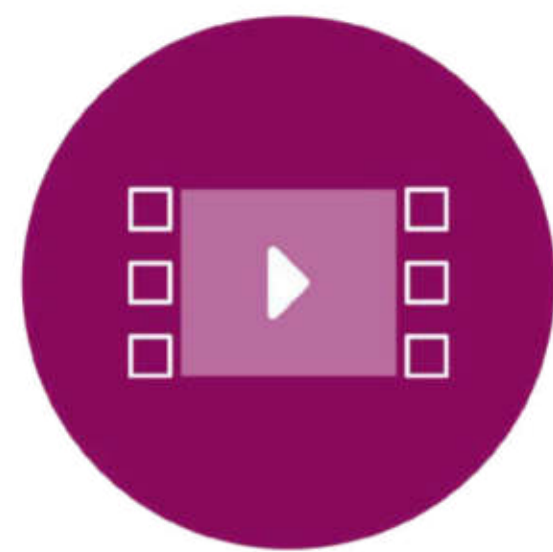
- Transition to IP
- Moving to the cloud
- Launching UHD services
- Engaging fans, building loyalty
- Consumer personalization
- Proliferation of streaming

Overall Market Challenges

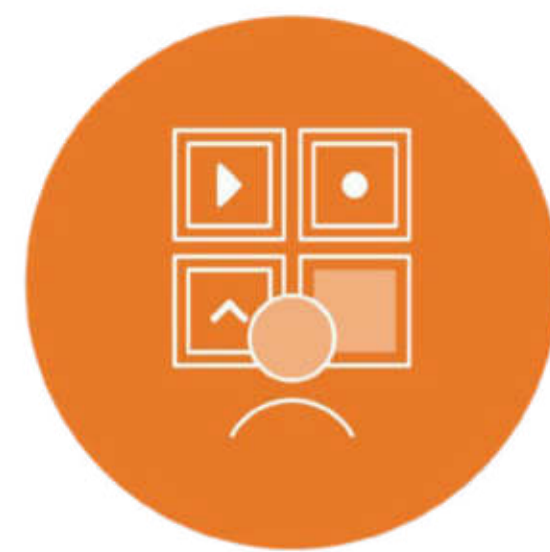
- Low latency
- Higher picture quality
- Service differentiation
- Network and operational cost control
- Monetization & targeted advertising
- Consumer personalization/fan engagement
- Reliability
- Future proof solutions & infrastructure



Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Experience Extraordinary

TV Service Providers need fresh solutions to engage audiences and fans, personalize services and dynamically monetize across many different screens.

Comviva leading-edge solutions for Consumer Experience provide a modern, multi-device, multi-screen platform for immersive TV service delivery.

Backed by powerful analytics, UI customization, dynamic ad-insertion and linear rights features, they are the most comprehensive Consumer Experience solutions for Live and OTT services.



Experience extraordinary.

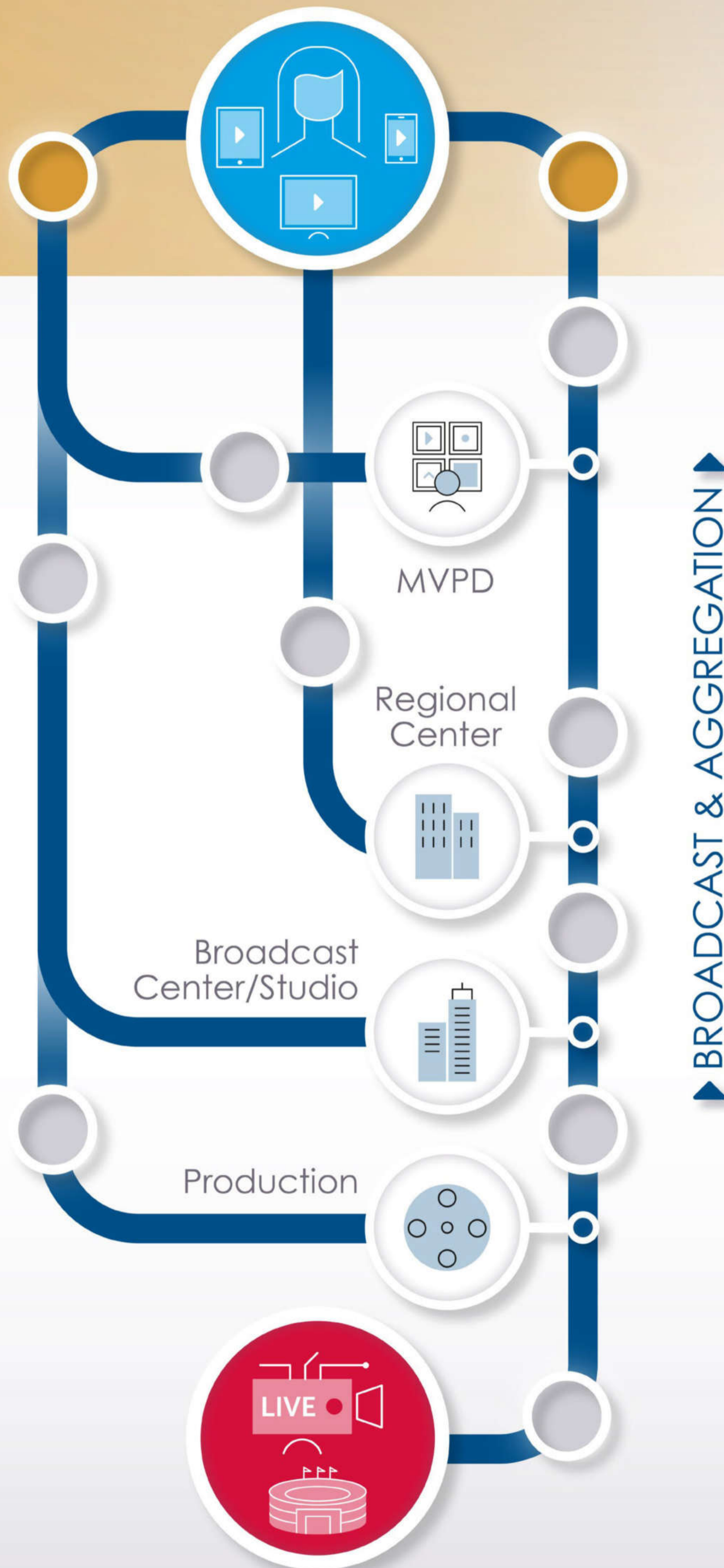


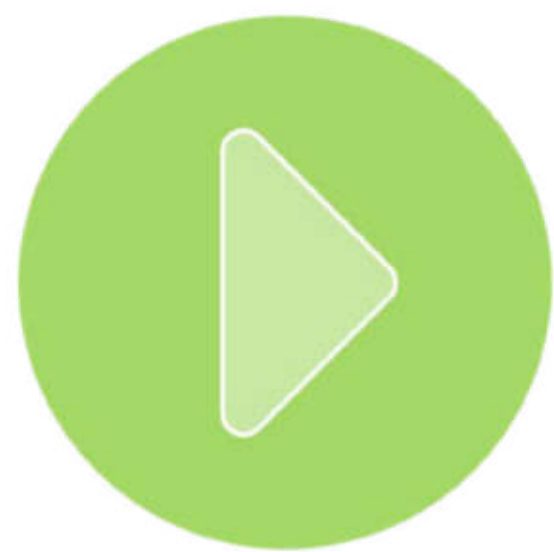
Deliver dynamic.



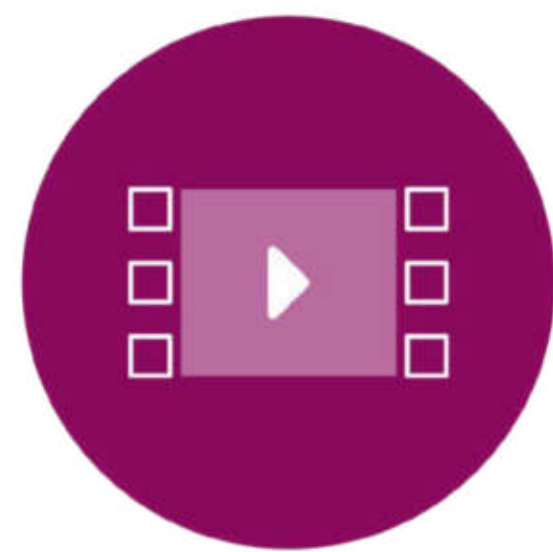
Acquire amazing.

▶ STREAMING & OTT ▶

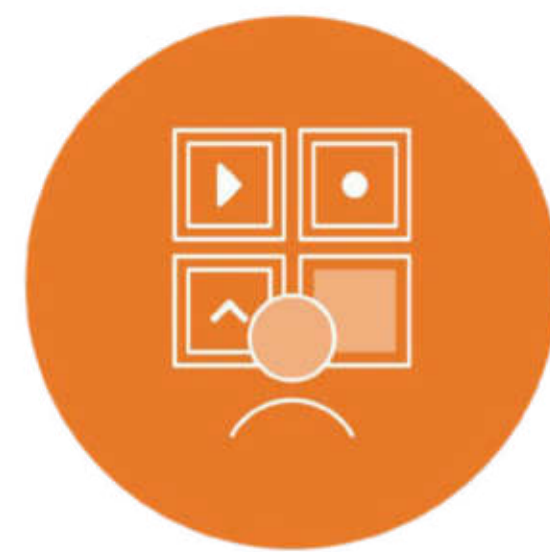




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

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Experience extraordinary.



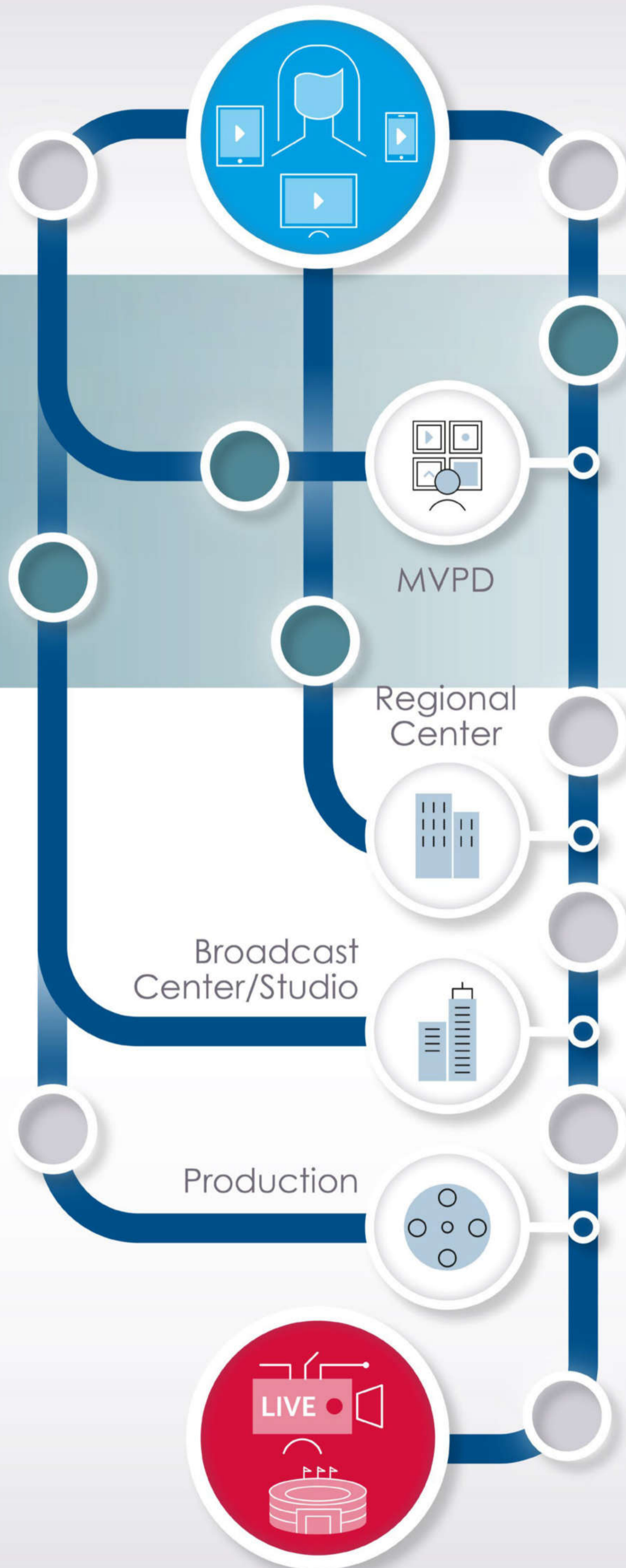
Deliver dynamic.



Acquire amazing.

▶ STREAMING & OTT ▶

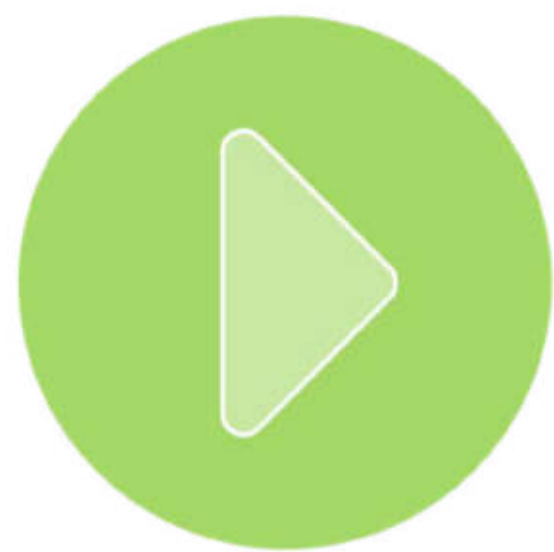
▶ BROADCAST & AGGREGATION ▶



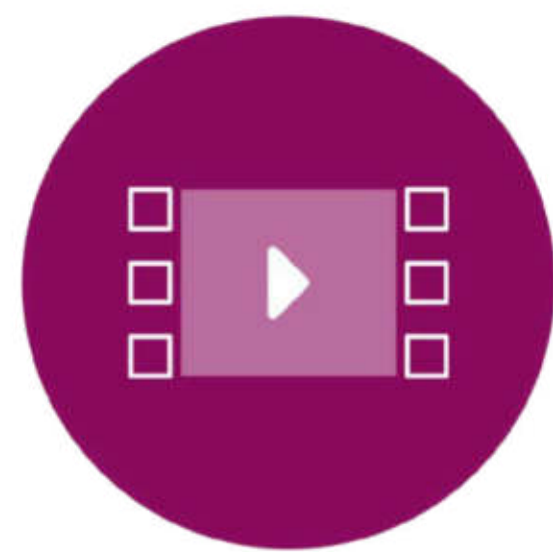
Deliver Dynamic

Comviva solutions for Consumer Delivery tailor content into many forms and for a variety of uses, that include both linear and on demand for traditional or OTT delivery.

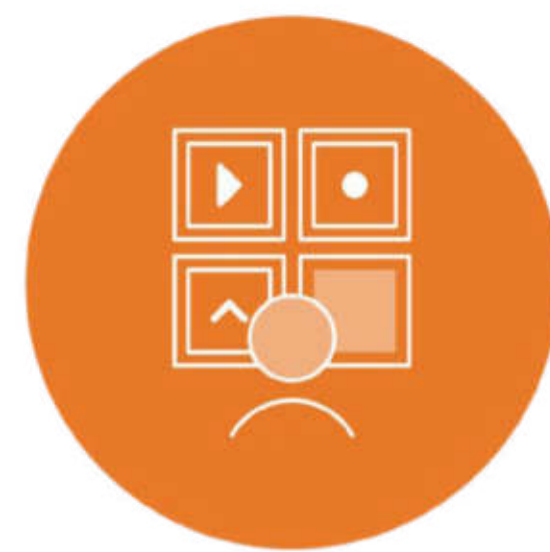
In addition, the highly efficient, broadcast-grade service enables innovative consumer experience with flexible deployment and operating choices.



Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Acquire Amazing

Comviva innovative solutions for Contribution and Distribution enable Content Owners, Channel Originators, and Multi-channel Distributors to securely and reliably acquire, backhaul, and distribute the highest quality live event or channel-based content anywhere, ensuring viewers around the world never miss a minute of the action.

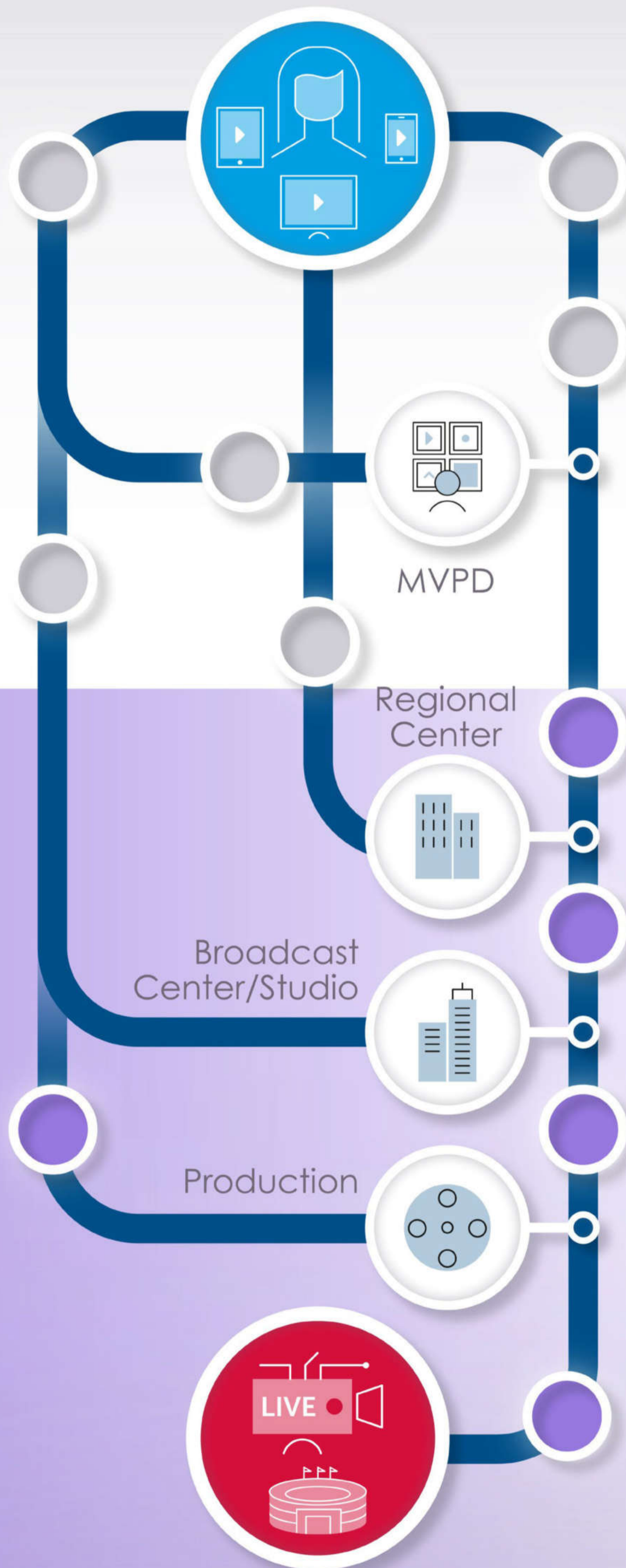
▶ Experience extraordinary.

▶ Deliver dynamic.

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▶ STREAMING & OTT ▶

▶ BROADCAST & AGGREGATION ▶



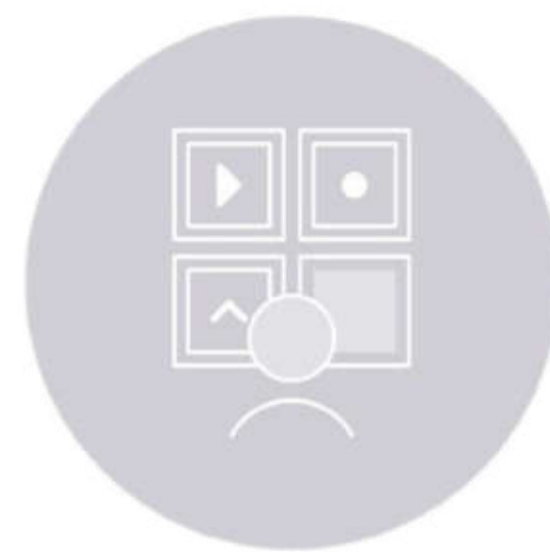
Comviva solutions Tailored to you.



Content
Owner



Channel
Originator



Multi-Channel
Distributor

CLOSE



Content Owner

Owns the live or on demand content or content rights and wants to get this into the hands of the consumer.

Trends

- Transition to IP
- Migration to cloud contribution/distribution
- Launch of UHD services
- Use of cloud-native flexibility for temporary channels
- Reaching fans in territories not covered by sale to local rights holders
- Growing fan loyalty, engagement, and enhancing brand reputation - while keeping value for sponsors!

Challenges

- Low latency
- High picture quality
- Service differentiation
- Network and operational cost control
- Monetization & advertising
- Consumer personalization/ fan engagement
- Platform reliability



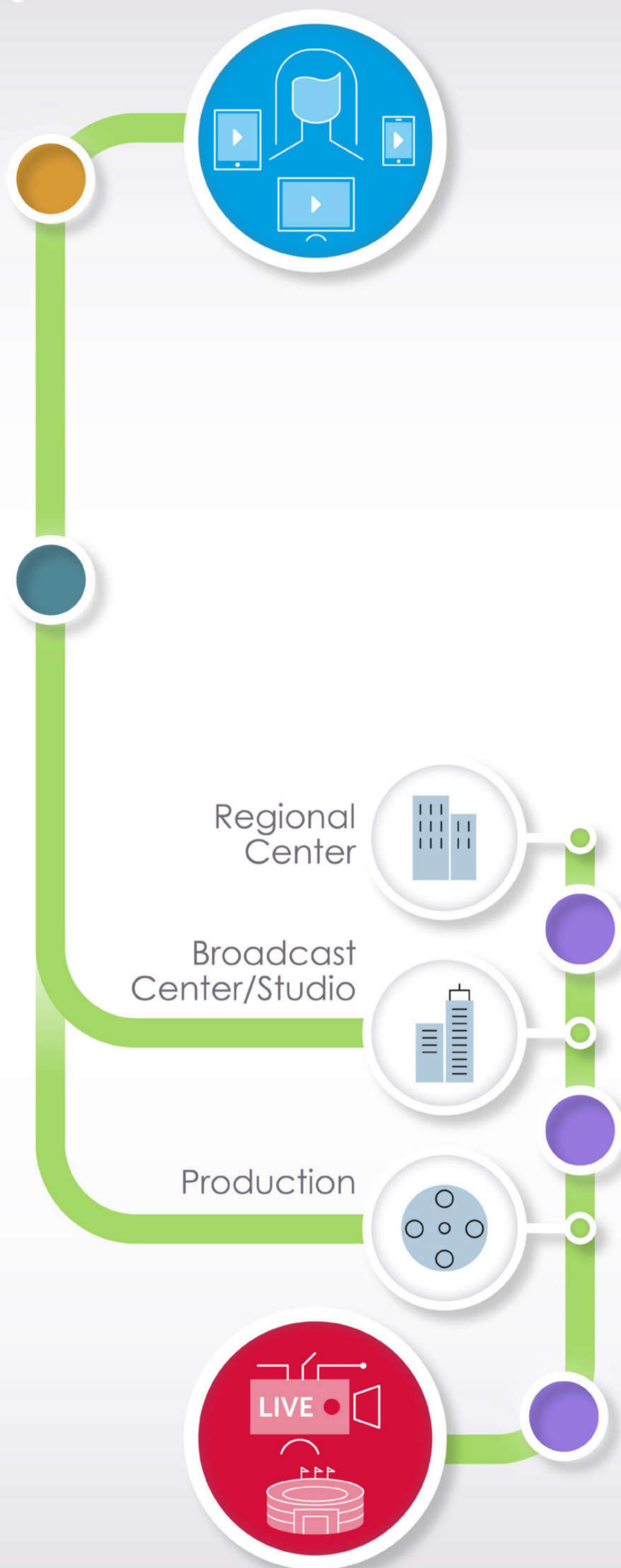
Experience
extraordinary.



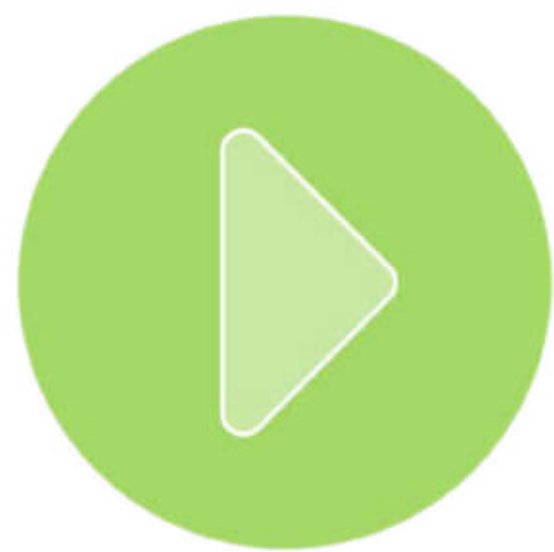
Deliver
dynamic.



Acquire
amazing.



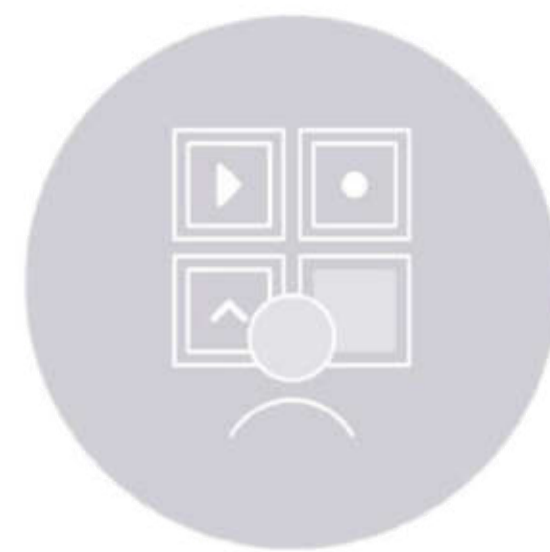
Comviva solutions Tailored to you.



Content
Owner



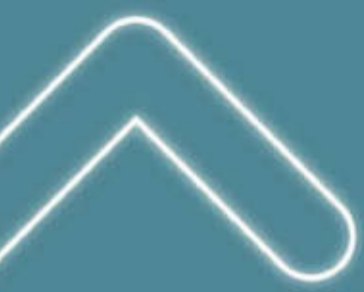
Channel
Originator



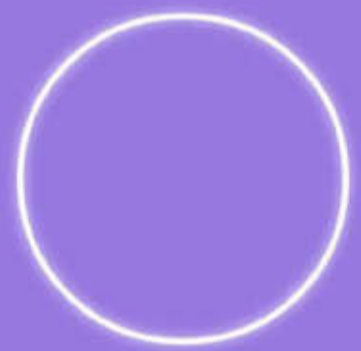
Multi-Channel
Distributor



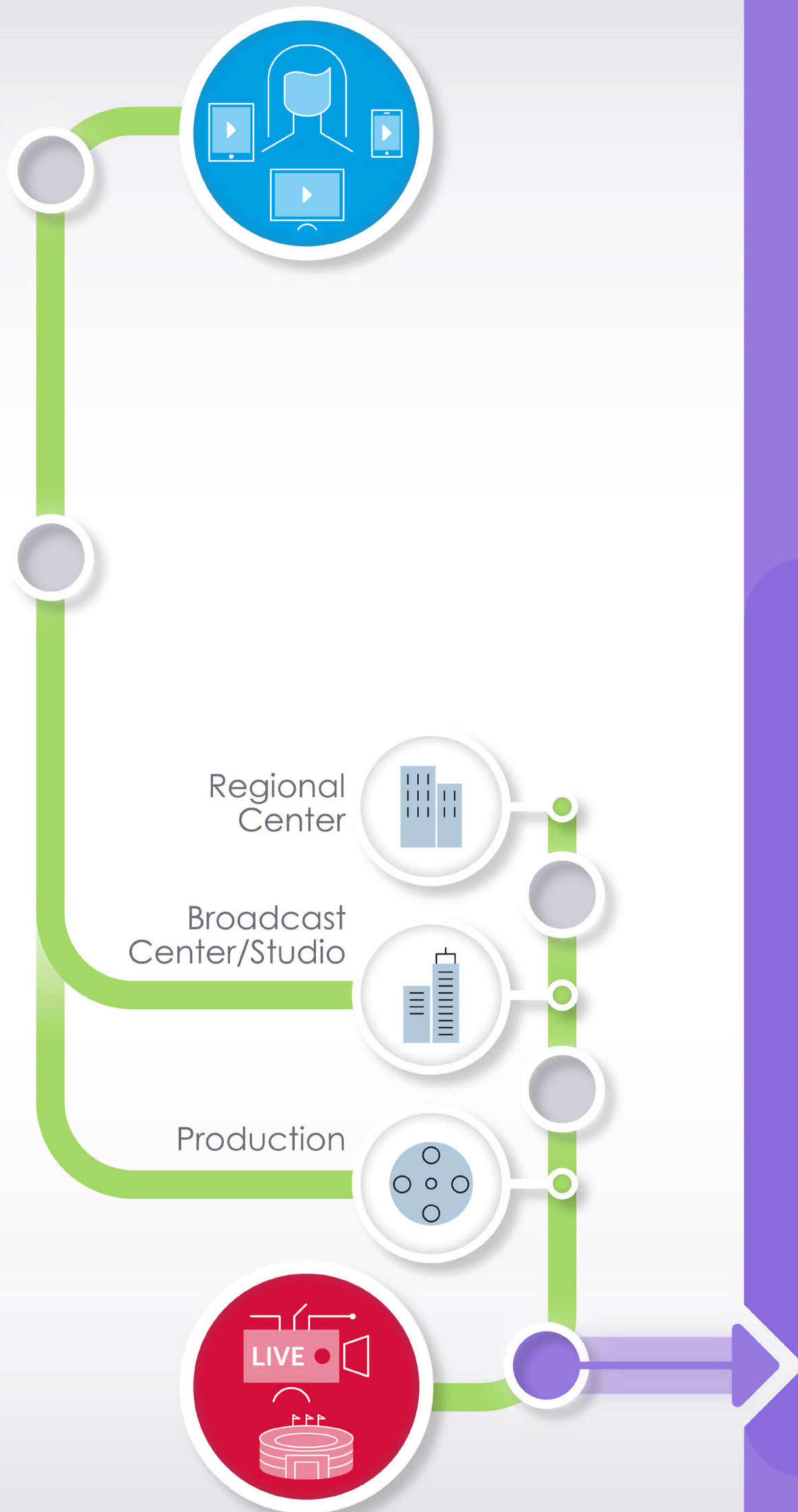
Experience
extraordinary.



Deliver
dynamic.



Acquire
amazing.



CLOSE



Live Contribution Link

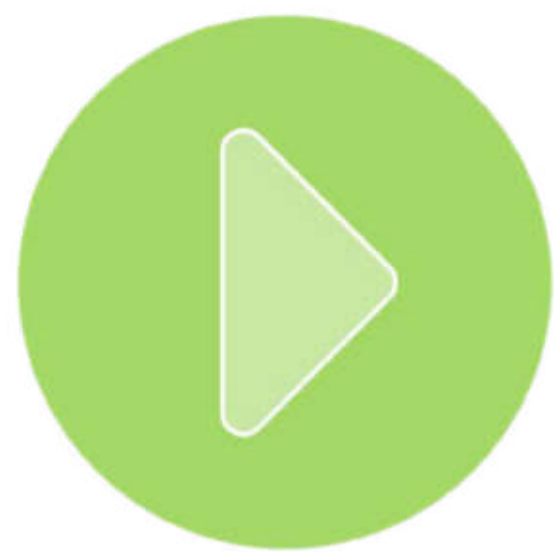
Live Comviva Contribution

Providing high-quality, bandwidth efficient, low latency point-to-point live video contribution via satellite or IP Comviva workflows, with reliable and secure ingest into managed networks or public cloud. Applications include remote/at-home production and content acquisition from live events.

Live Comviva Processing & Experience

Based on multi-award-winning technology, Comviva Cygnus 360° Events solution provides multi-format, high quality 360° video, cloud-based video processing and publishing for live events, including sports and eSports directly to the consumer.

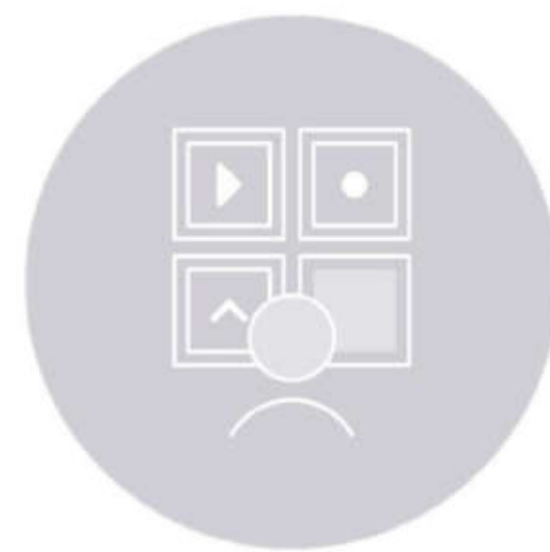
Comviva solutions Tailored to you.



Content
Owner



Channel
Originator



Multi-Channel
Distributor

CLOSE



Studio to Playout

Comviva Contribution

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Experience
extraordinary.



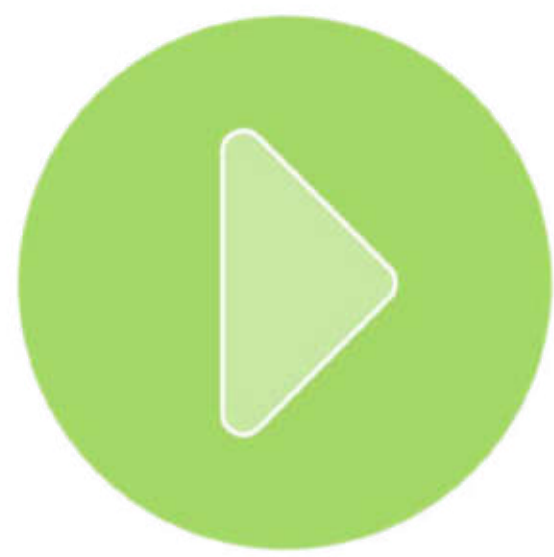
Deliver
dynamic.



Acquire
amazing.



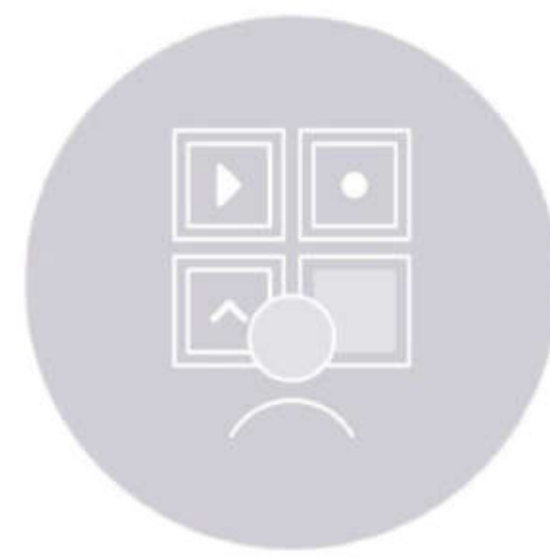
Comviva solutions Tailored to you.



Content
Owner



Channel
Originator



Multi-Channel
Distributor

CLOSE



Distribution to Affiliates

Live Comviva Distribution

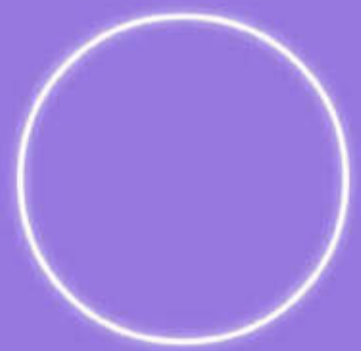
Reliably maintaining content integrity and securely distributing high value content to affiliates for regionalization and personalization. Enabling an easy path to an all-IP infrastructure by distributing across both IP and satellite based primary distribution networks.



Experience
extraordinary.



Deliver
dynamic.



Acquire
amazing.



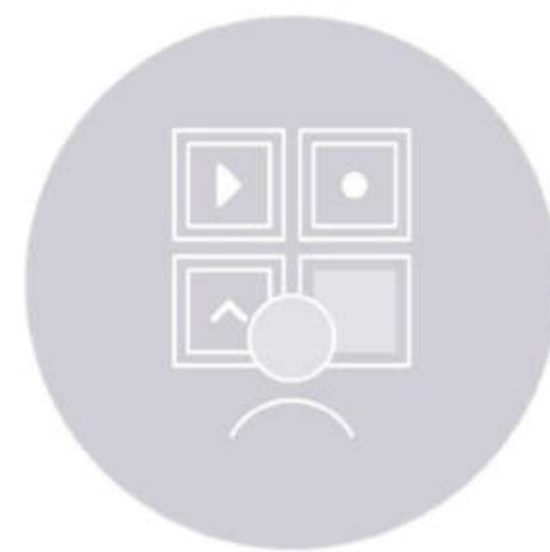
Comviva solutions Tailored to you.



Content
Owner



Channel
Originator



Multi-Channel
Distributor

CLOSE



Direct to Consumer Processing & Delivery

Live Comviva Streaming

Processing & delivering live video over any streaming network (Cable, IPTV & OTT) to any device, whilst enabling a broadcast like experience to consumers.

On-Demand Comviva Processing

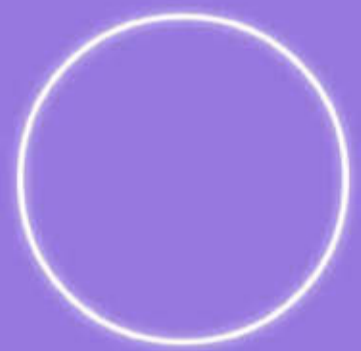
Addressing video on demand use cases within the area of Consumer Delivery enabling the ingest, transformation, processing, storage and delivery for file-based video content.



Experience
extraordinary.



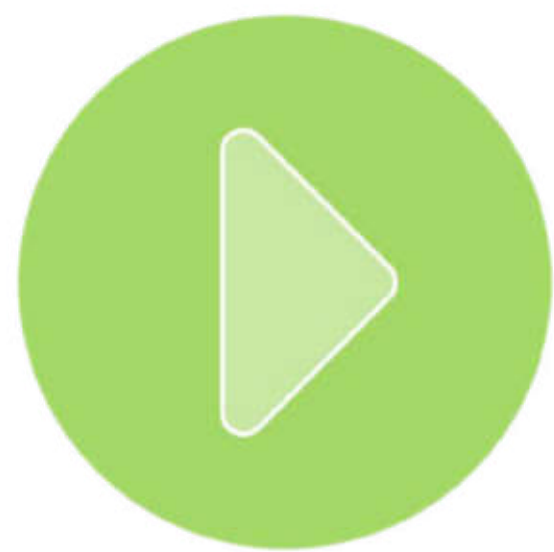
Deliver
dynamic.



Acquire
amazing.



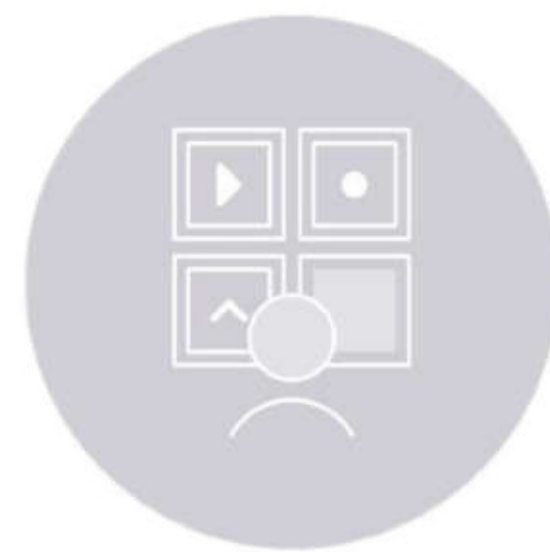
Comviva solutions Tailored to you.



Content
Owner



Channel
Originator



Multi-Channel
Distributor



Experience
extraordinary.



Deliver
dynamic.



Acquire
amazing.



CLOSE



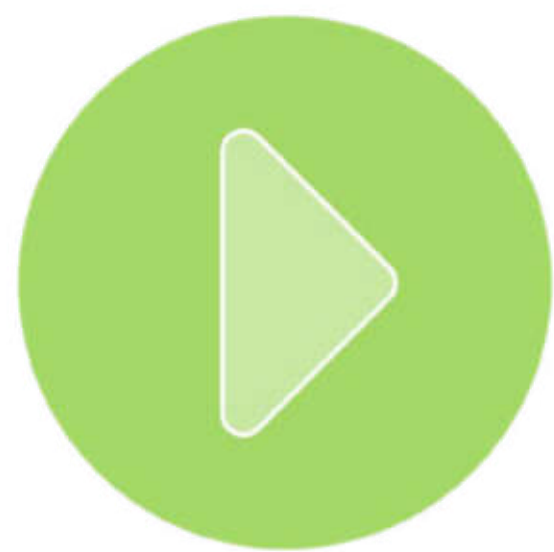
Direct to Consumer Experience

Comviva Platform

Providing a converged multi-screen experience including Pay TV in-home, TV Everywhere and OTT services whilst embracing all content sources and delivery networks.

Advertising & Linear Rights

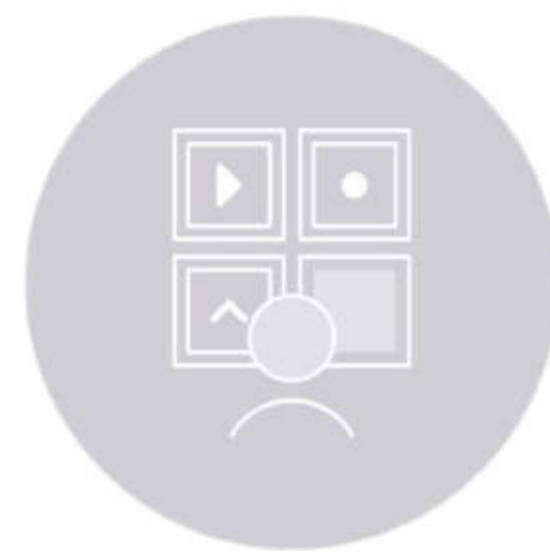
Allowing Content Owners to take advantage of new business opportunities and protect against constantly evolving challenges introduced by a digital world. Delivering a more personalized and relevant video experience while achieving the full monetization potential of content.



Content Owner



Channel Originator



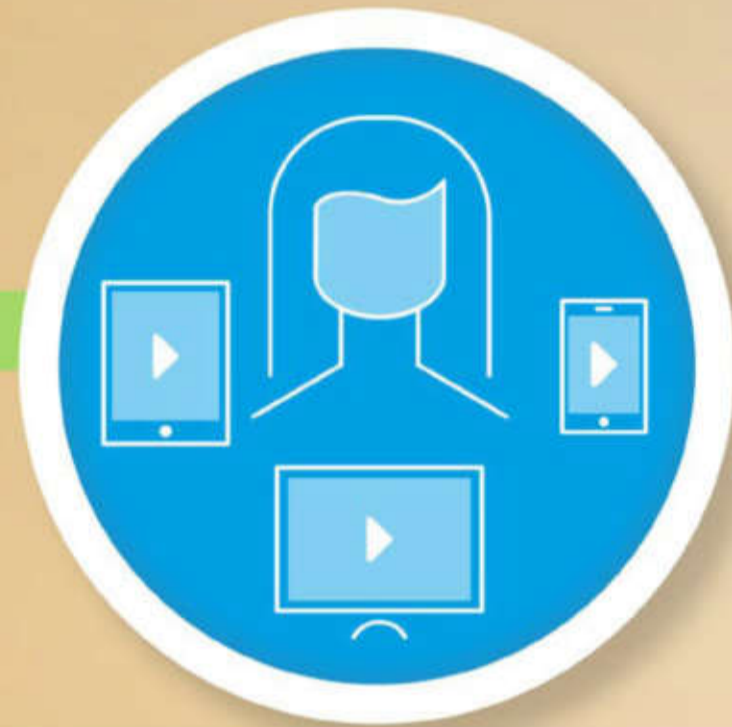
Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Experience extraordinary.



Experience Extraordinary

TV Service Providers need fresh solutions to engage audiences and fans, personalize services and dynamically monetize across many different screens.

Comviva leading-edge solutions for Consumer Experience provide a modern, multi-device, multi-screen platform for immersive TV service delivery.

Backed by powerful analytics, UI customization, dynamic ad-insertion and linear rights features, they are the most comprehensive Consumer Experience solutions for Live and OTT services.



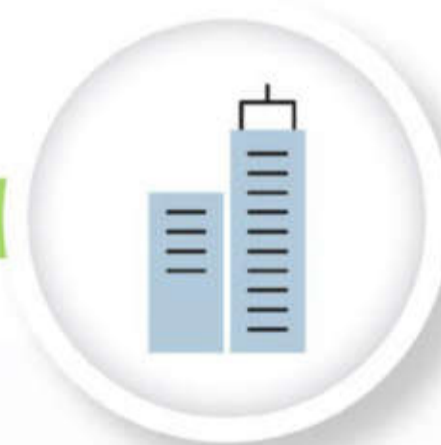
Deliver dynamic.



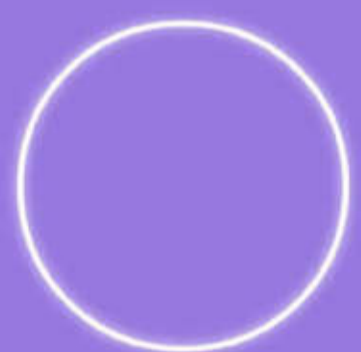
Regional Center



Broadcast Center/Studio

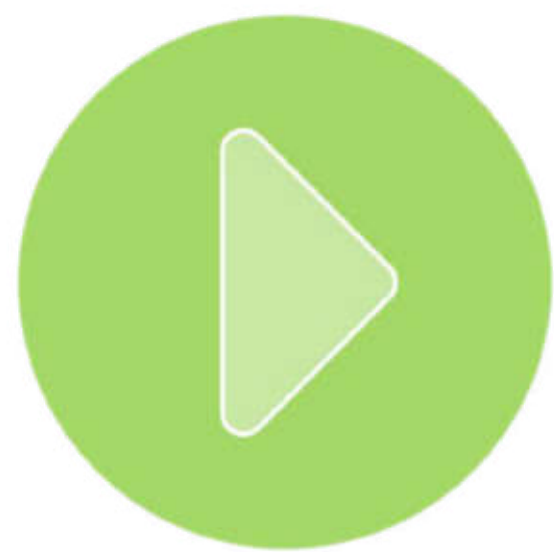


Production



Acquire amazing.

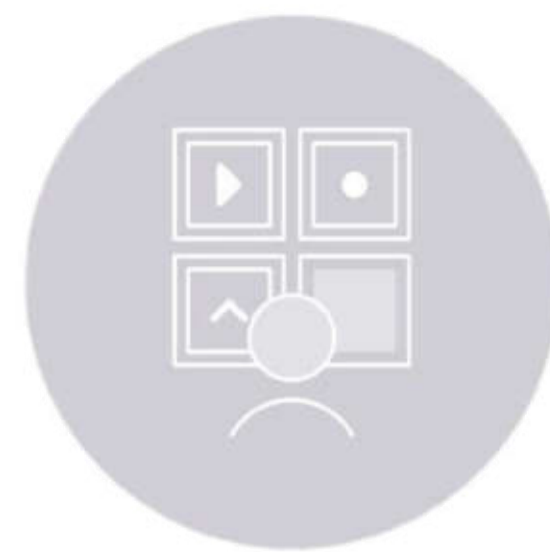
Comviva solutions Tailored to you.



Content
Owner



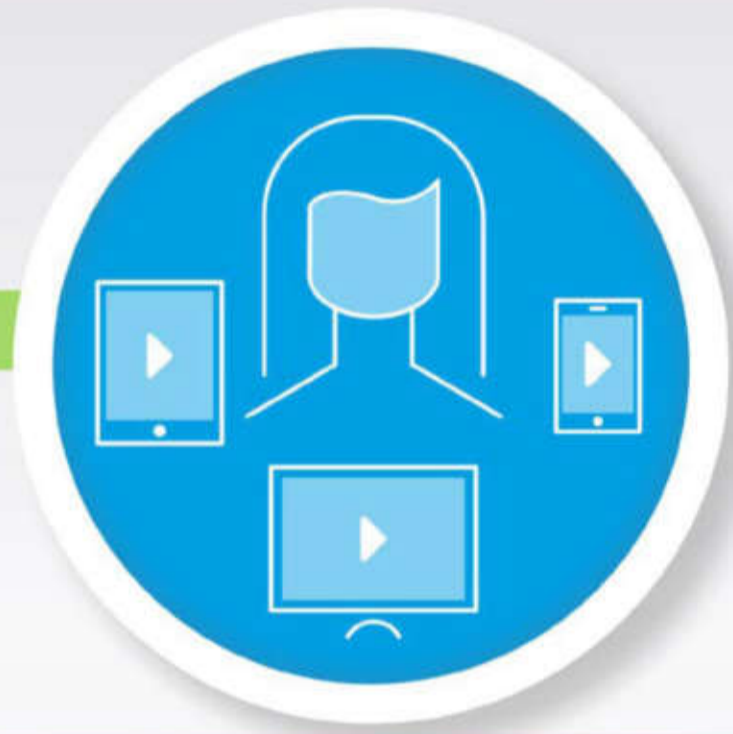
Channel
Originator



Multi-Channel
Distributor



Experience
extraordinary.



Regional
Center



Broadcast
Center/Studio



Production



CLOSE



Deliver Dynamic

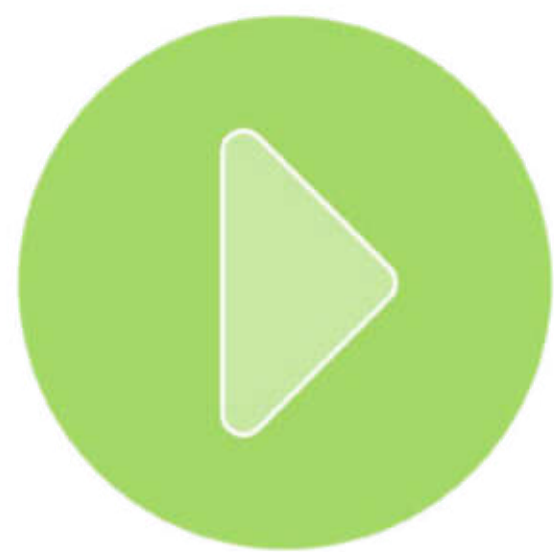
Comviva solutions for Consumer Delivery tailor content into many forms and for a variety of uses, that include both linear and on demand for traditional or OTT delivery.

In addition, the highly efficient, broadcast-grade service enables innovative consumer experience with flexible deployment and operating choices.



Acquire
amazing.

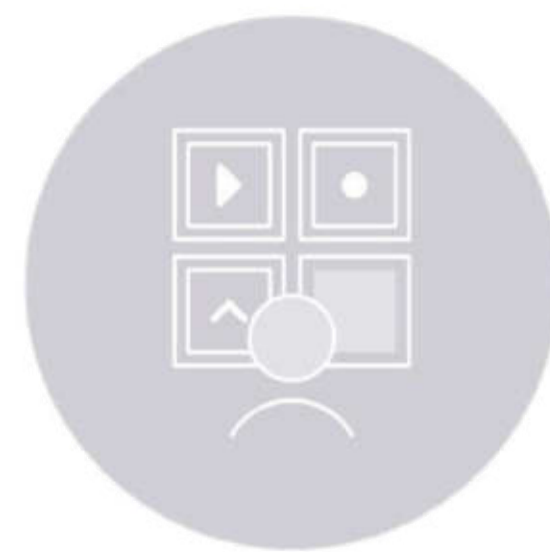
Comviva solutions Tailored to you.



Content
Owner



Channel
Originator



Multi-Channel
Distributor

CLOSE



Acquire Amazing

Comviva innovative solutions for Contribution and Distribution enable Content Owners to securely and reliably acquire, backhaul, and distribute the highest quality live event or channel-based content anywhere, ensuring viewers around the world never miss a minute of the action.



Experience
extraordinary.



Regional
Center



Broadcast
Center/Studio



Production



Acquire
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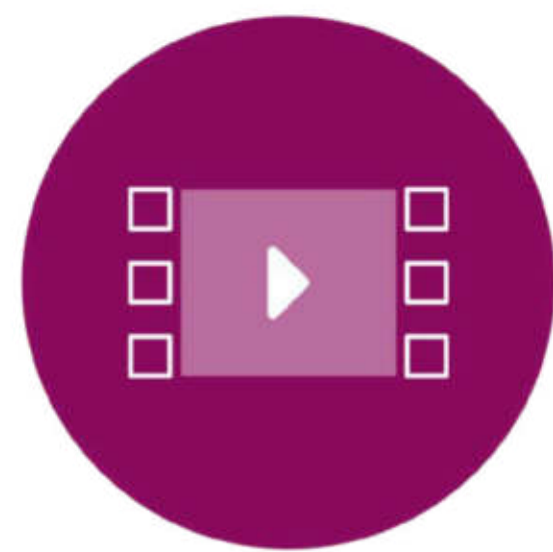


Deliver
dynamic.

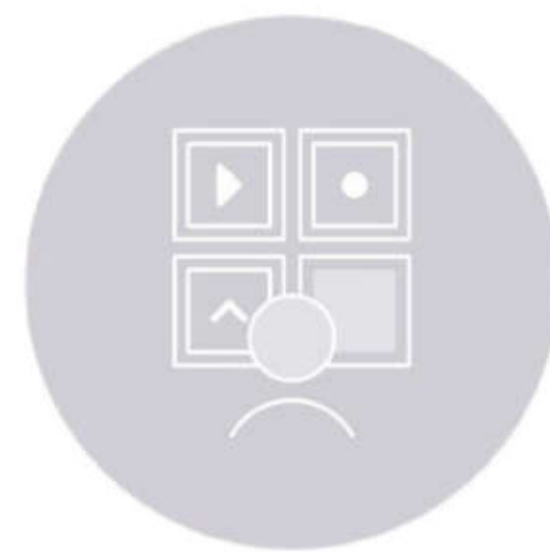




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Channel Originator

Produces and creates live channel/s and on demand content for onward distribution within the Comviva workflows.

Trends

- Transition to IP
- Move to cloud contribution/distribution
- Launch of UHD services
- Use of cloud-native flexibility for temporary channels
- Reaching fans in territories not covered by sale to local rights holders
- New ways to connect directly to viewers via OTT for linear and on-demand

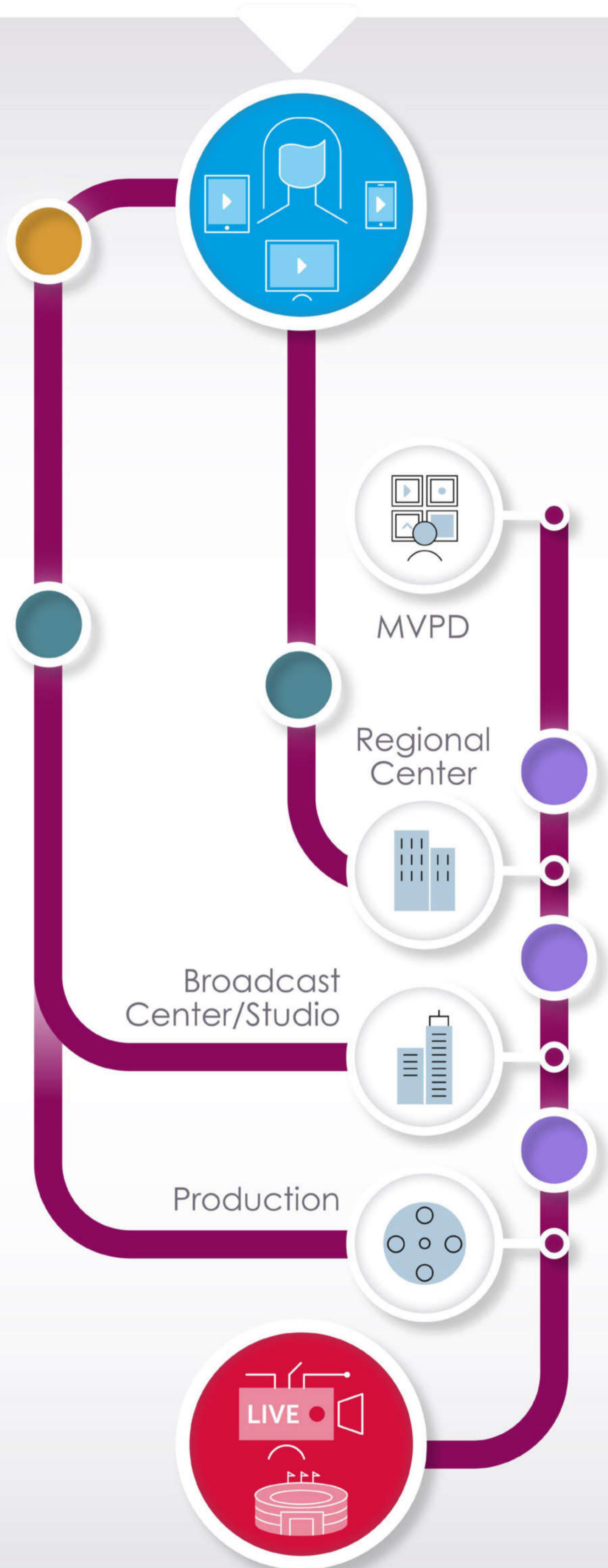
Challenges

- Low latency
- High picture quality
- Service differentiation
- Network and operational cost control
- Monetization & advertising
- Consumer personalization/fan engagement
- Platform reliability at scale

Experience extraordinary.

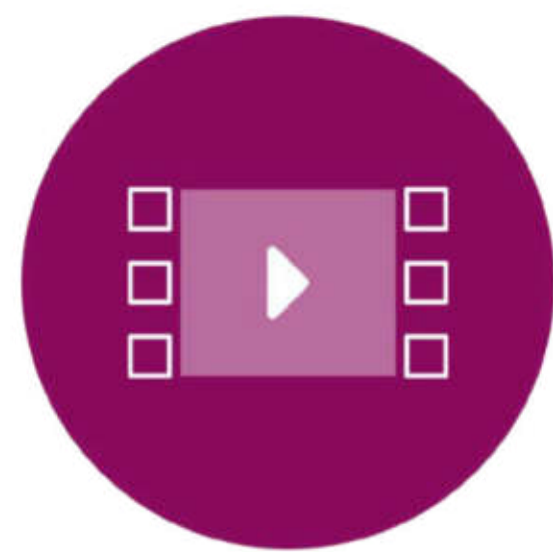
Deliver dynamic.

Acquire amazing.

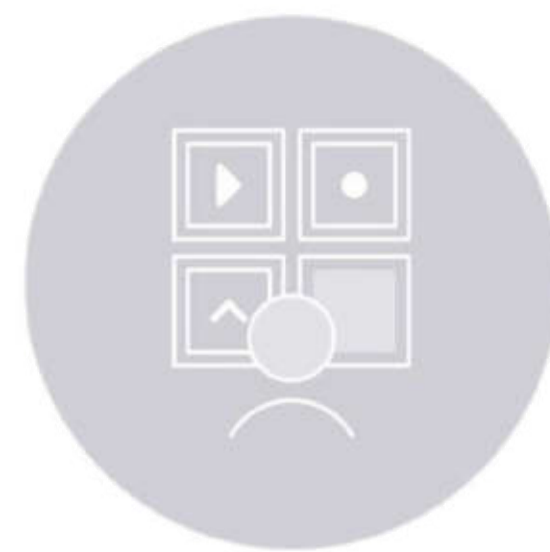




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Studio to Playout

Live Comviva Contribution

Providing high-quality, bandwidth efficient, low latency point-to-point live video contribution via satellite or IP Comviva workflows, with reliable and secure ingest into managed networks or public cloud. Applications include remote/at-home production and content acquisition from live events.



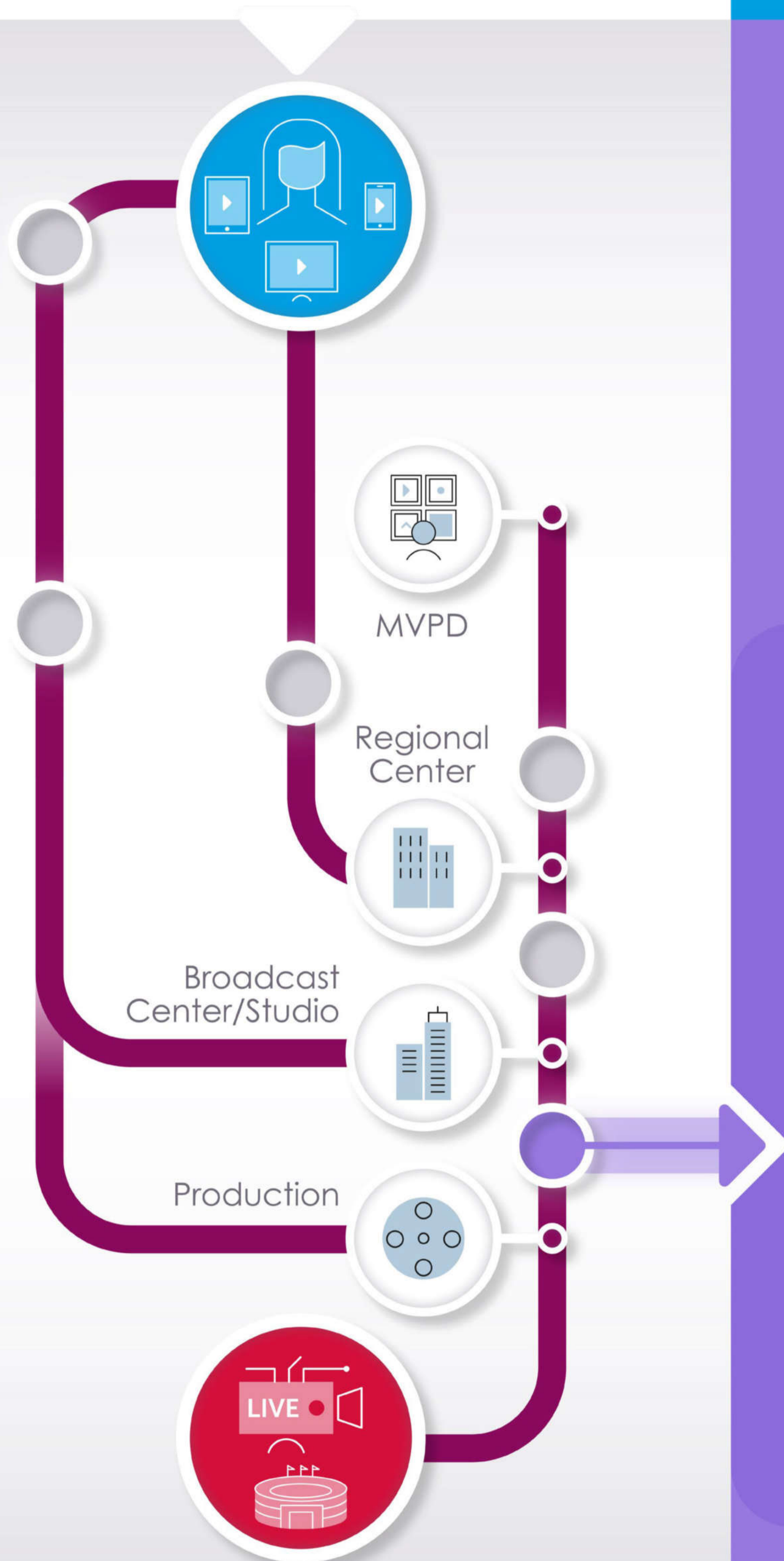
Experience extraordinary.



Deliver dynamic.

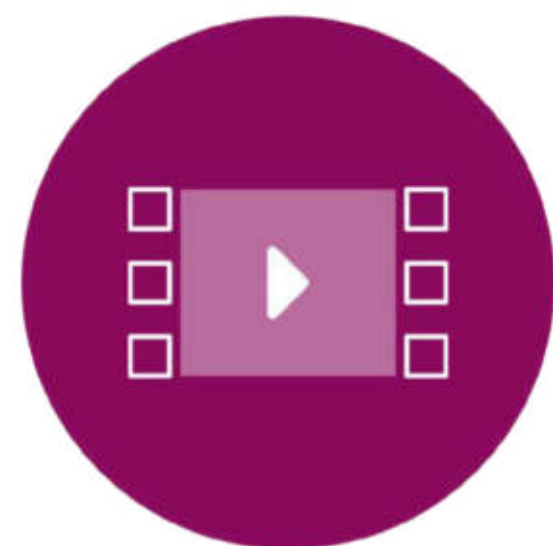


Acquire amazing.

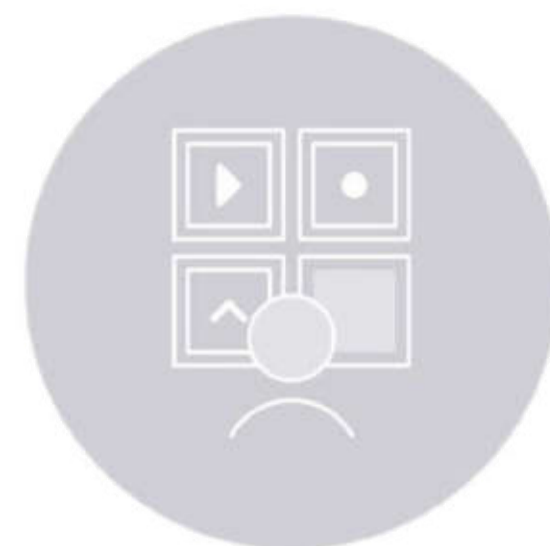




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Distribution to Affiliates

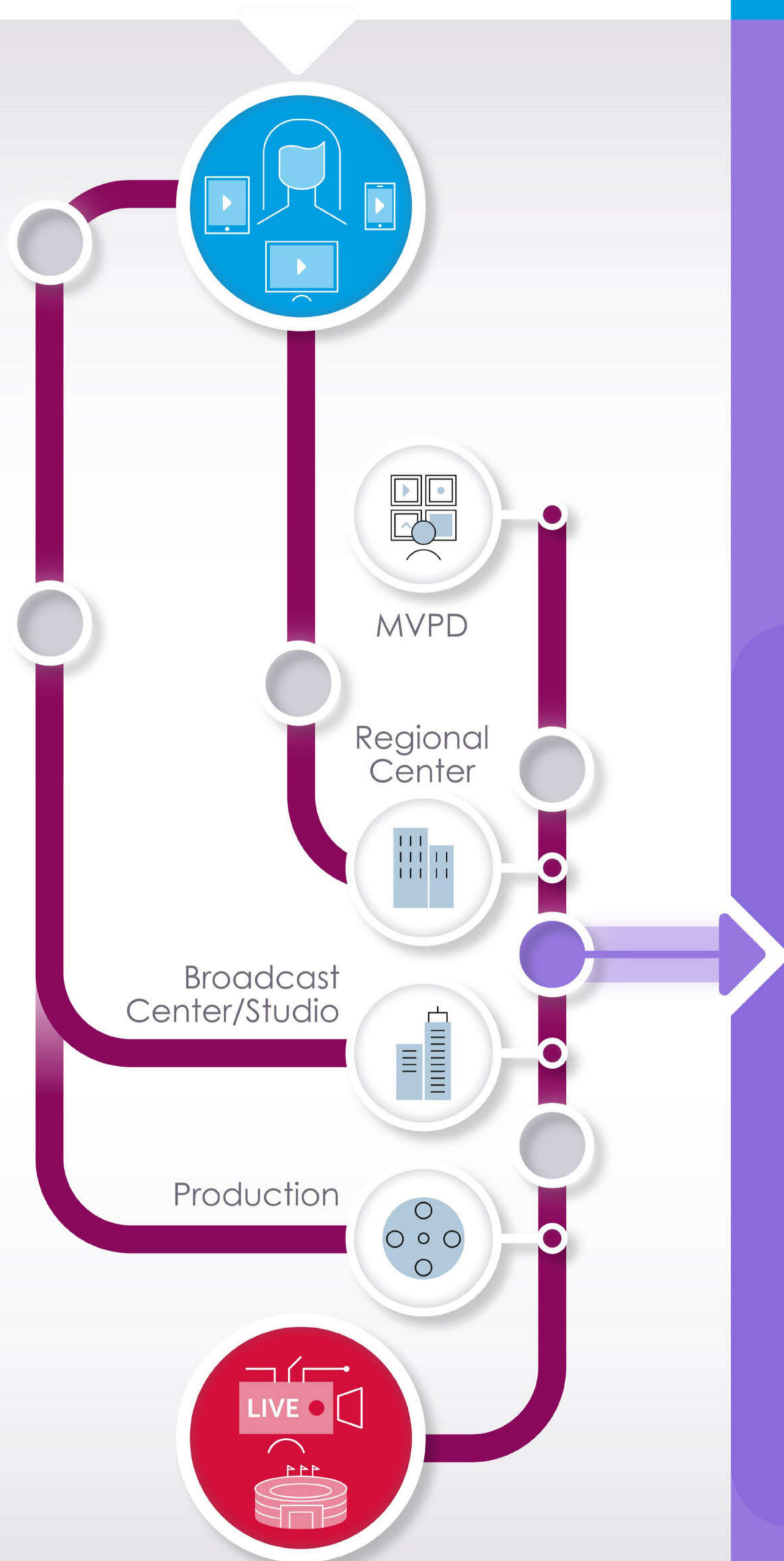
Live Comviva Distribution

Reliably maintaining content integrity and securely distributing high value content to affiliates for regionalization and personalization. Enabling an easy path to an all-IP infrastructure by distributing across both IP and satellite based primary distribution networks.

Experience extraordinary.

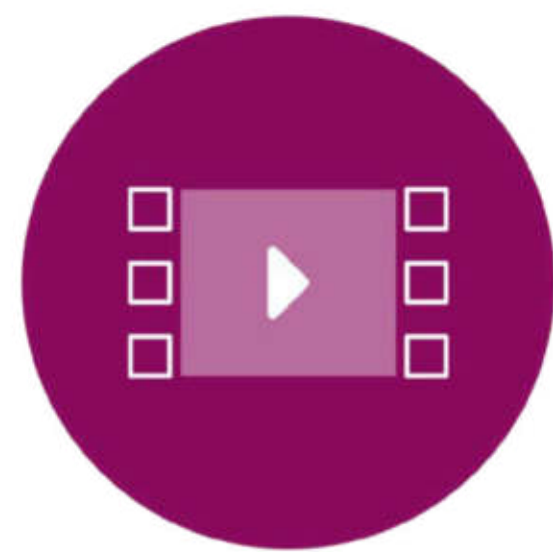
Deliver dynamic.

Acquire amazing.

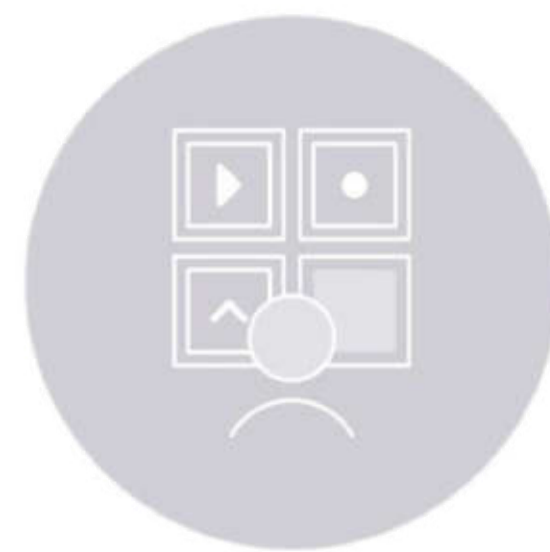




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Distribution to MVPDs

Live Comviva Distribution

Reliably maintaining content integrity and securely distributing high value content to affiliates for regionalization and personalization. Enabling an easy path to an all-IP infrastructure by distributing across both IP and satellite based primary distribution networks.

Live Comviva Broadcasting

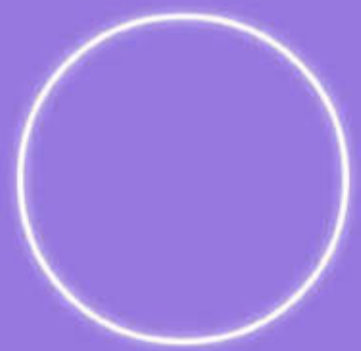
Allowing Channel Originators to efficiently and reliably deliver their live content to their customers and enabling the launch of UHD HDR services, offering an easy migration to all IP workflows and cloud-based deployment. Integral Comviva Composing and Emergency Alerts Management can also be provisioned through PRISMA.



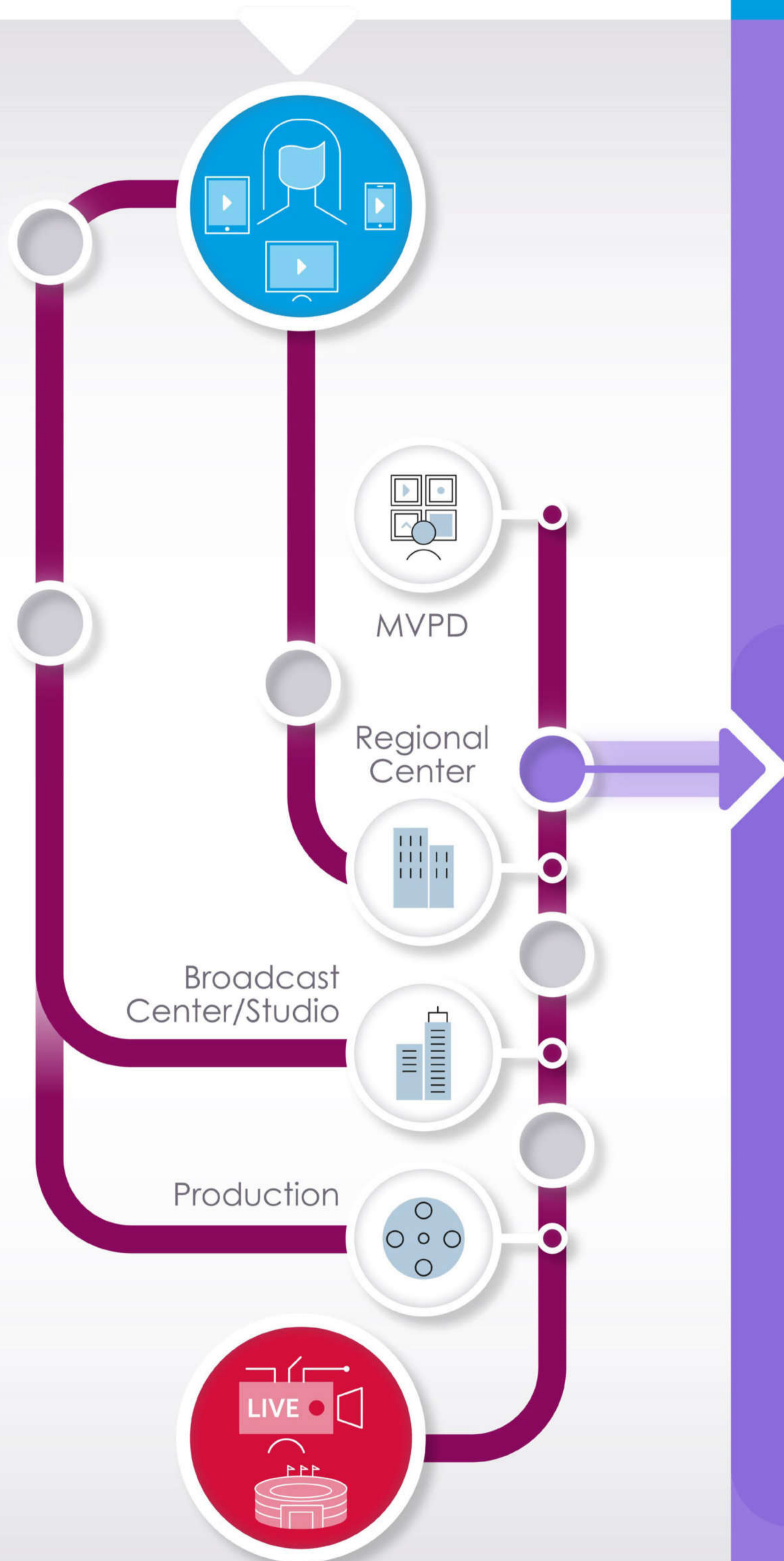
Experience extraordinary.



Deliver dynamic.

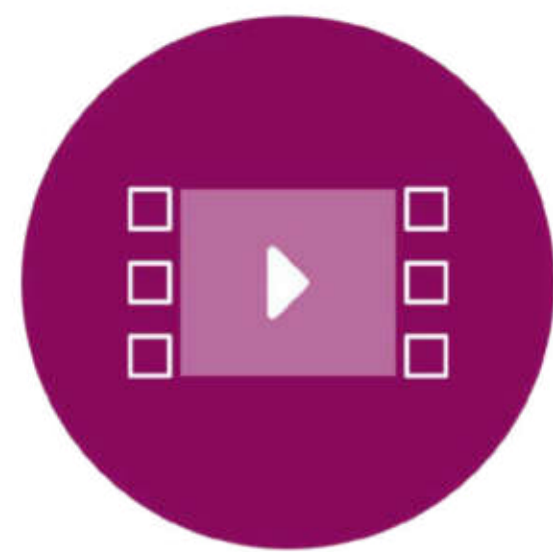


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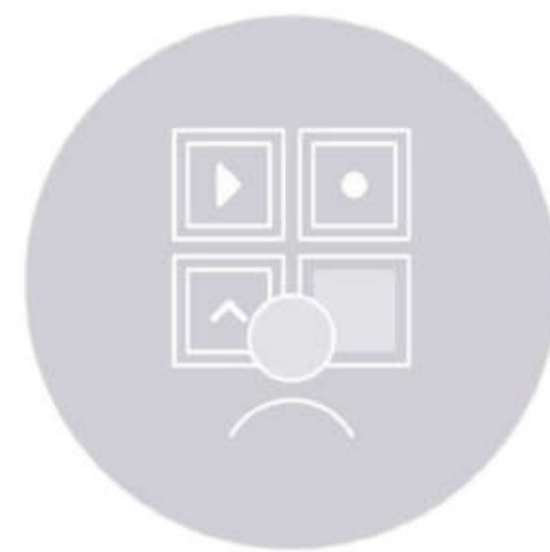




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Direct to Home (DTH) Broadcast

Live Comviva Broadcasting

Allowing Channel Originators to efficiently and reliably deliver their live content to their customers and enabling the launch of UHD HDR services, offering an easy migration to all IP workflows and cloud-based deployment. Integral Comviva Composing and Emergency Alerts Management can also be provisioned through PRISMA.



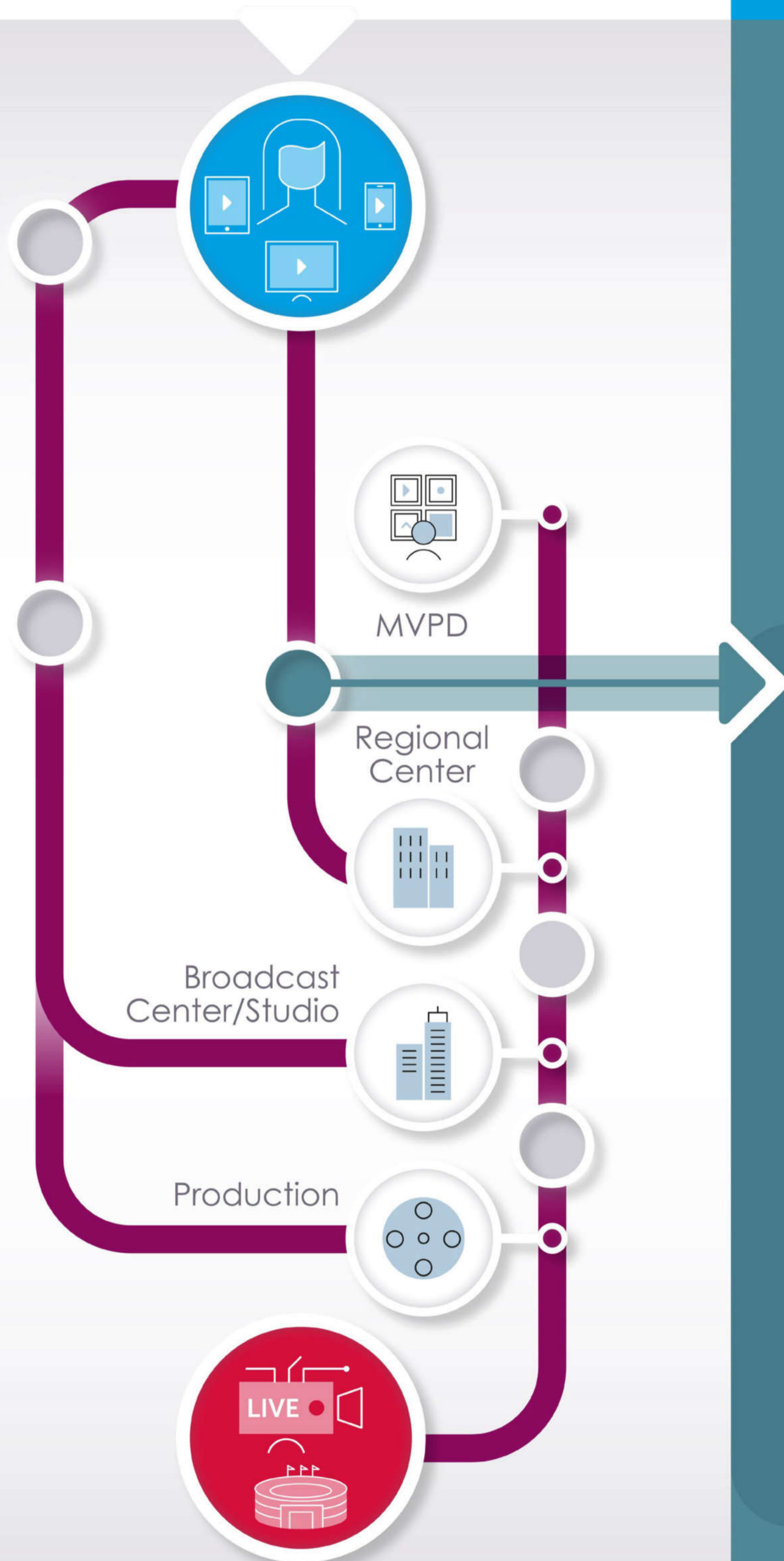
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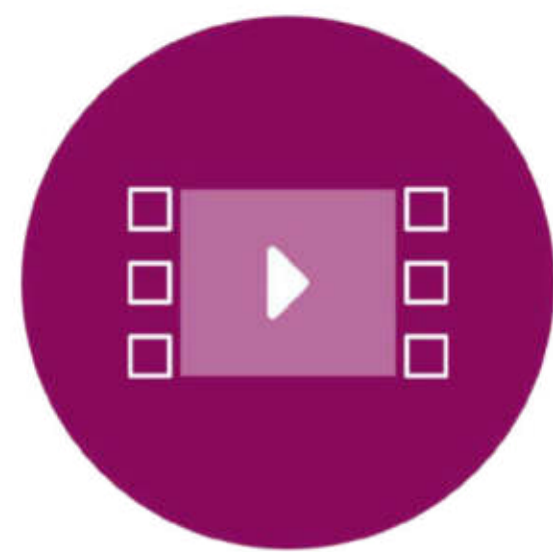


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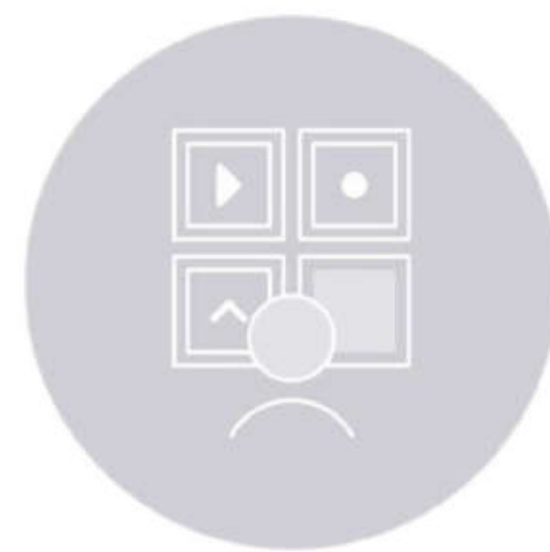




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Direct to Consumer Processing & Delivery

Live Comviva Streaming

Processing & delivering live video over any streaming network (Cable, IPTV & OTT) to any device, whilst enabling a broadcast like experience to consumers.

On Demand Comviva Processing

Addressing video on demand use cases within the area of Consumer Delivery enabling the ingest, transformation, processing, storage and delivery for file-based video content.



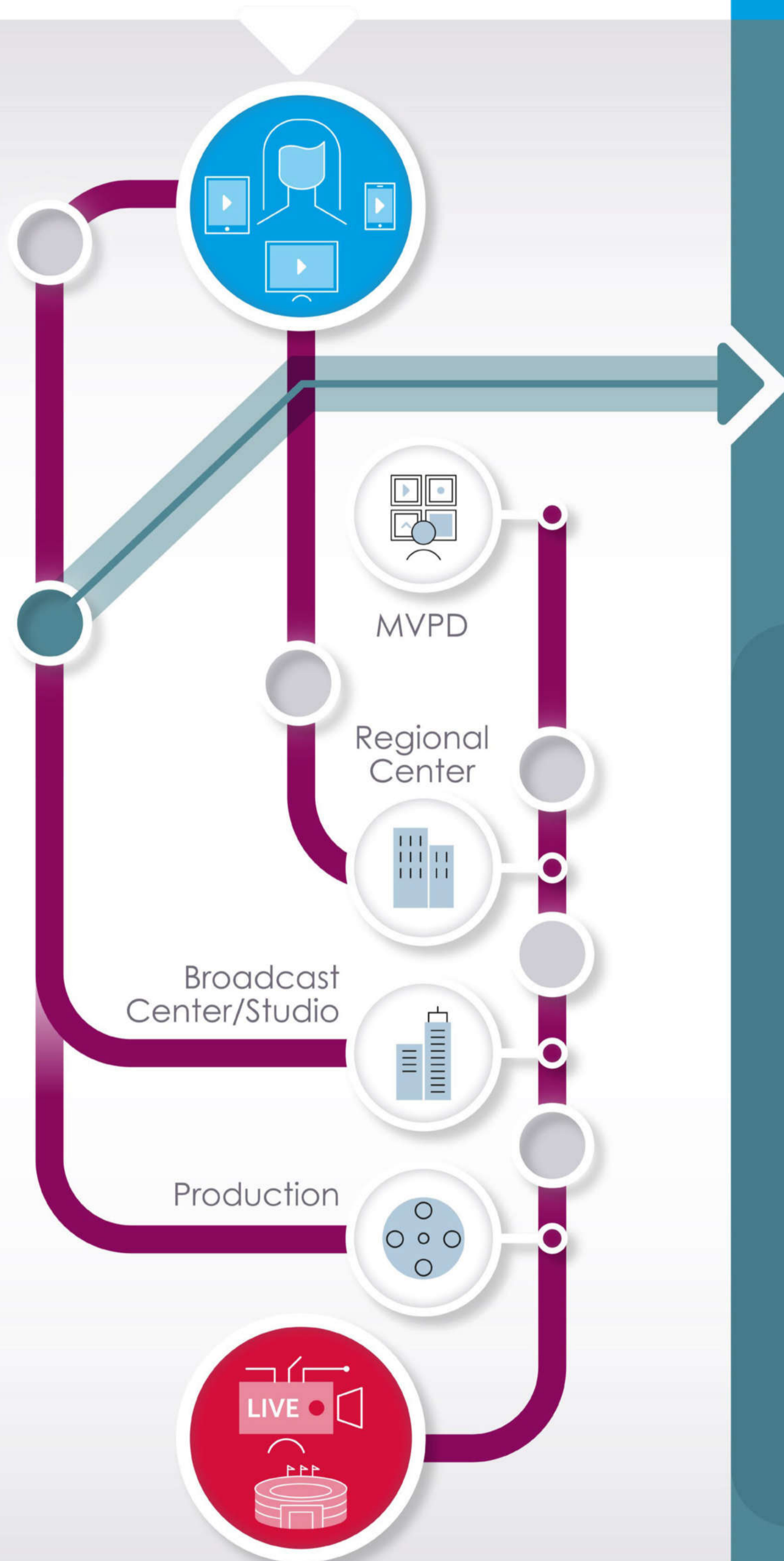
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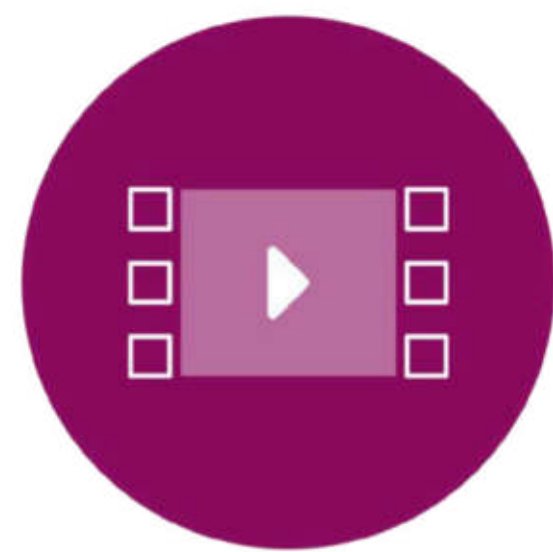


Acquire amazing.

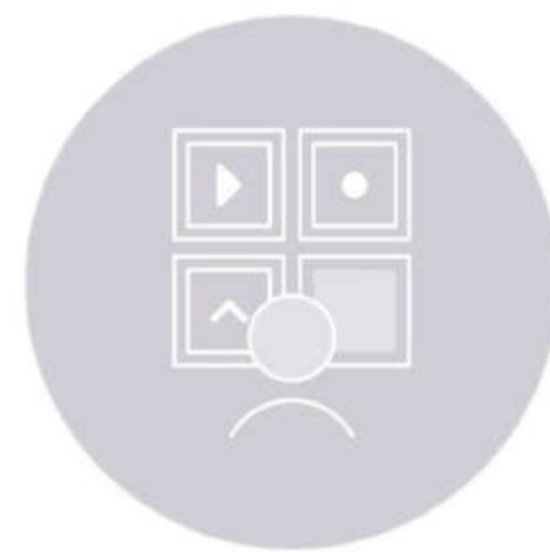




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

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Direct to Consumer Experience

Comviva Platform

Providing a converged multi-screen experience including Pay TV in-home, TV Everywhere and OTT services whilst embracing all content sources and delivery networks.

Advertising & Alternate Content

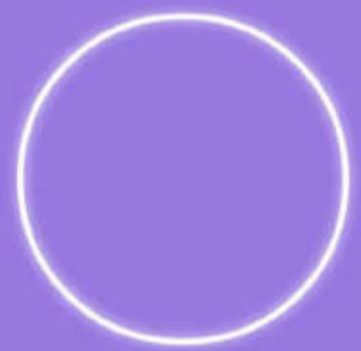
A cloud ready highly modular & scalable Advertising & Alternate Content Insertion & Management software solution unifying alternate content & advertising insertion/replacement across legacy broadcast & IP networks.



Experience extraordinary.



Deliver dynamic.

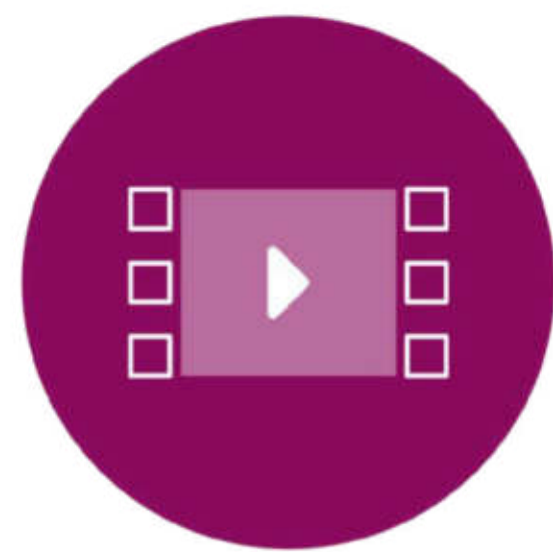


Acquire amazing.

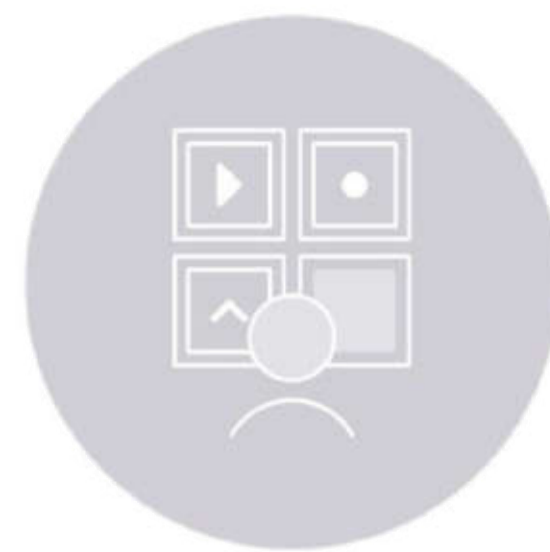




Content Owner



Channel Originator



Multi-Channel Distributor

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Experience Extraordinary

TV Service Providers need fresh solutions to engage audiences and fans, personalize services and dynamically monetize across many different screens.

Comviva leading-edge solutions for Consumer Experience provide a modern, multi-device, multi-screen platform for immersive TV service delivery.

Backed by powerful analytics, UI customization, dynamic ad-insertion and linear rights features, they are the most comprehensive Consumer Experience solutions for Live and OTT services.



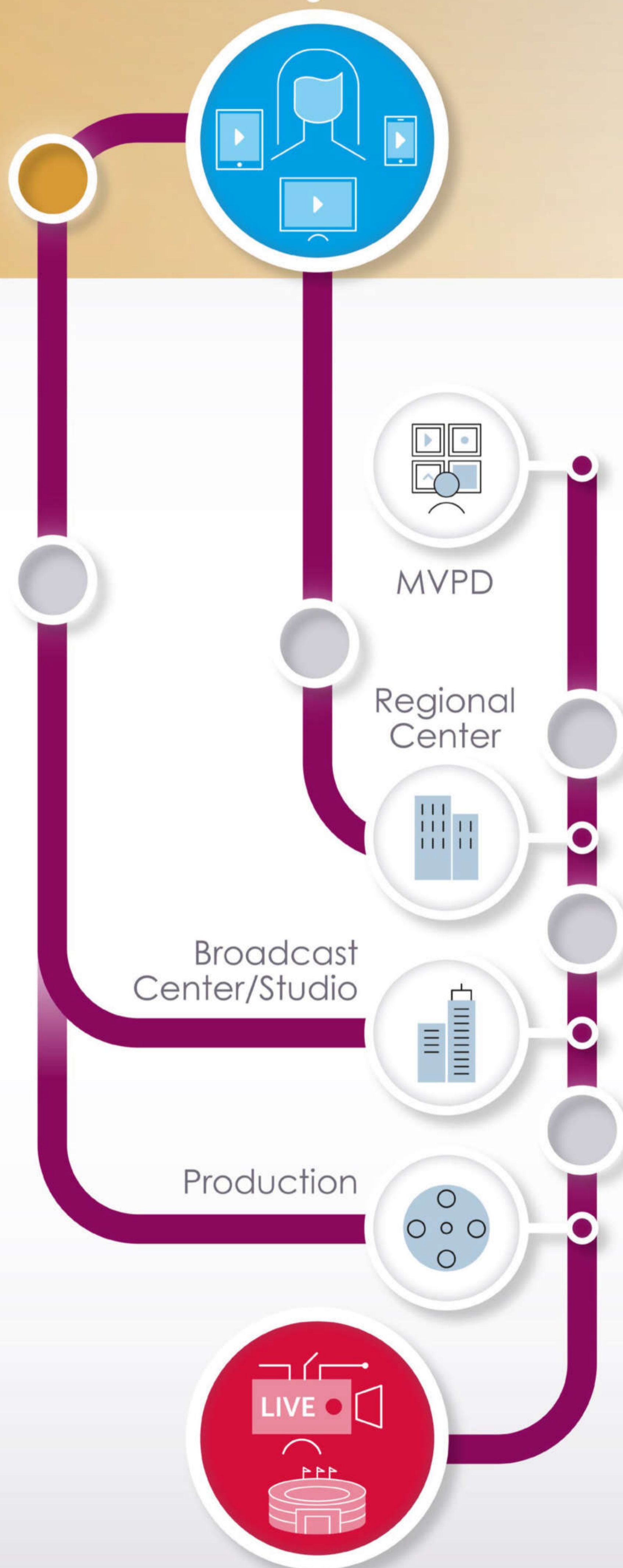
Experience extraordinary.



Deliver dynamic.

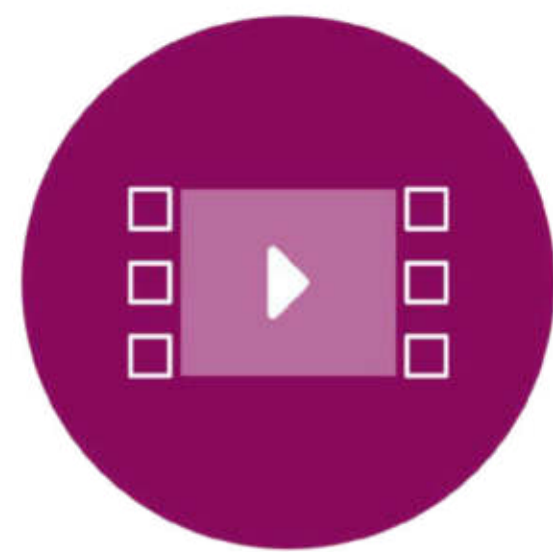


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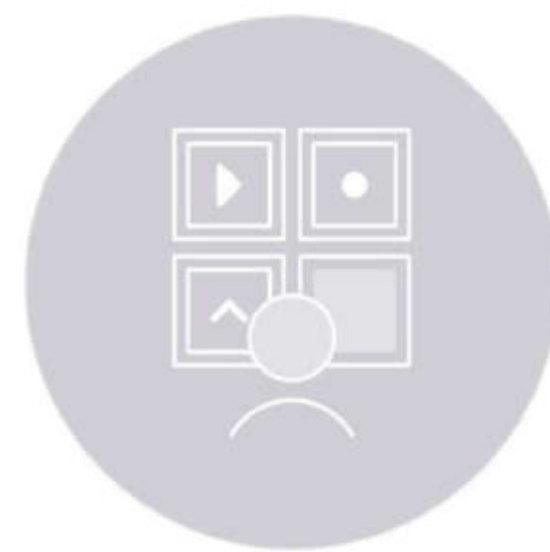




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

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Deliver Dynamic

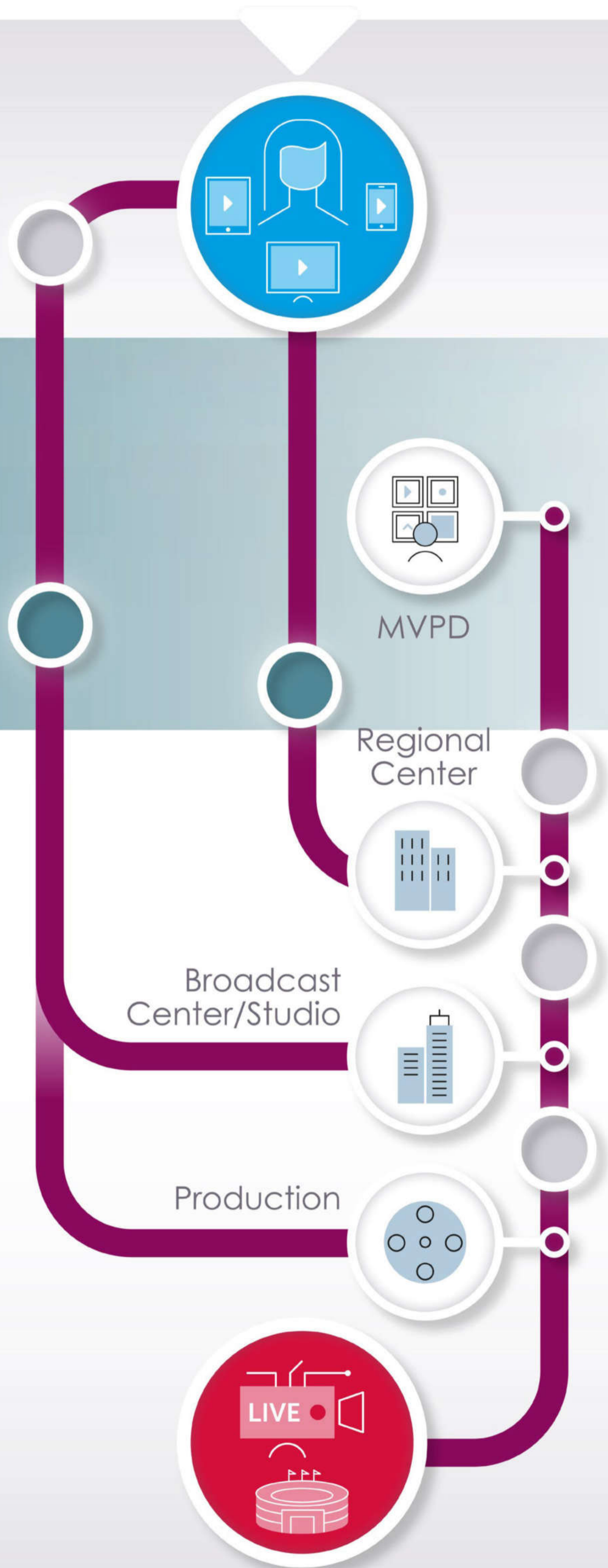
Comviva solutions for Consumer Delivery tailor content into many forms and for a variety of uses, that include both linear and on demand for traditional or OTT delivery.

In addition, the highly efficient, broadcast-grade service enables innovative consumer experience with flexible deployment and operating choices.

Experience extraordinary.

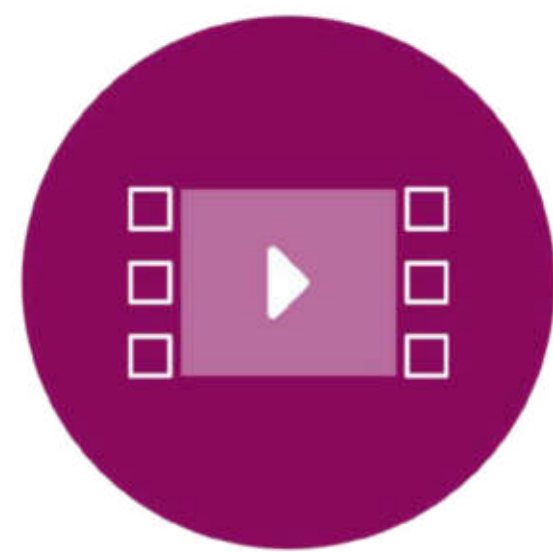
Deliver dynamic.

Acquire amazing.

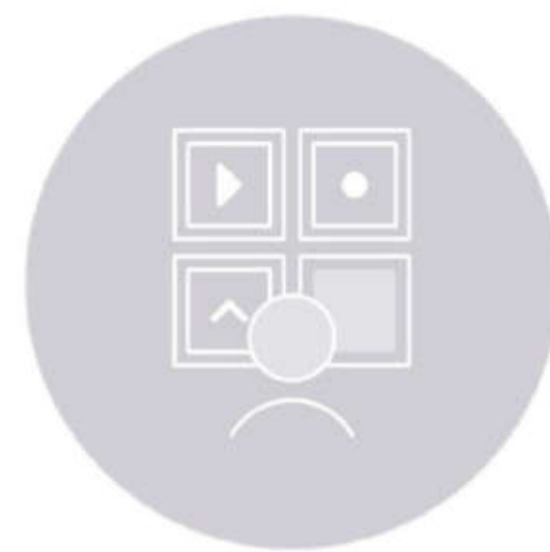




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE




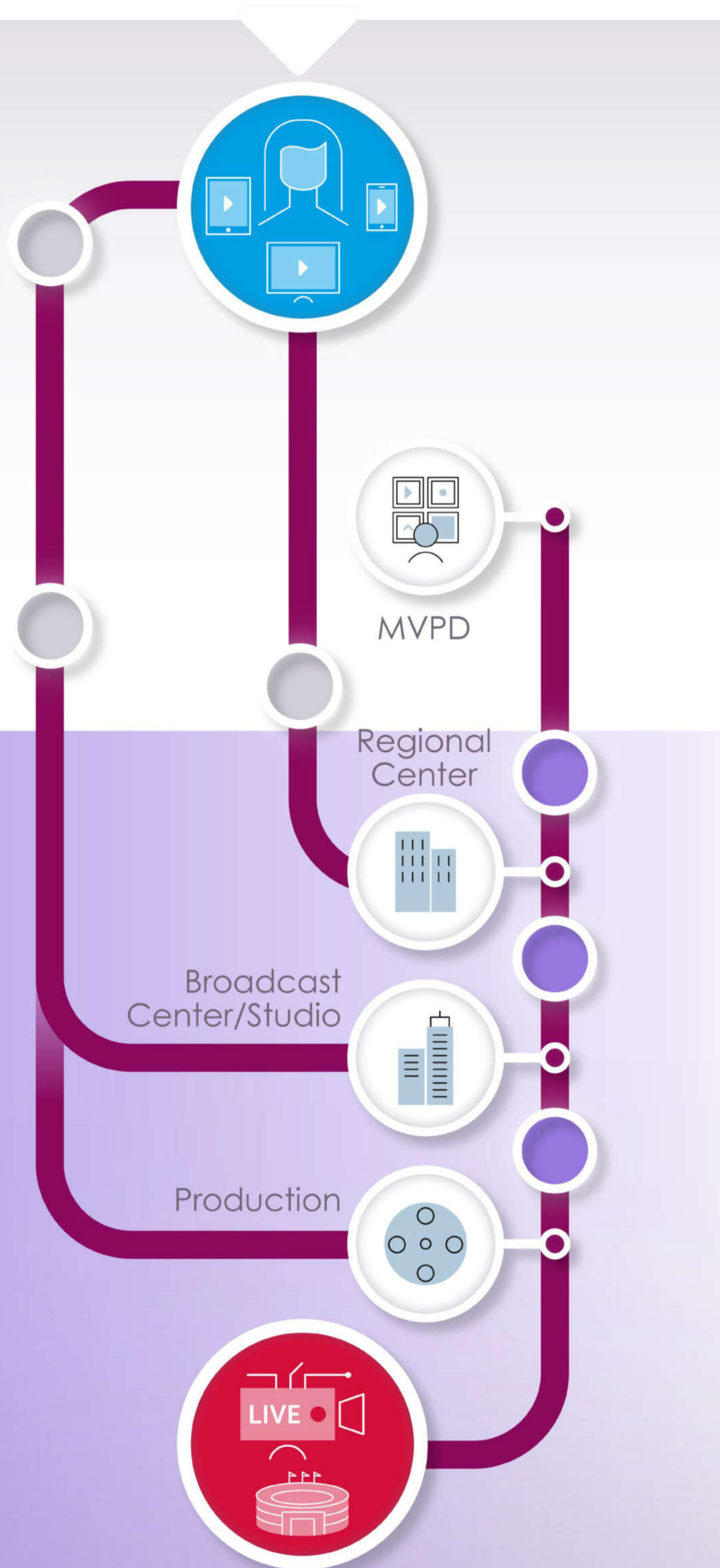
Acquire Amazing

Comviva innovative solutions for Contribution and Distribution enable Channel Originators to securely and reliably acquire, backhaul, and distribute the highest quality live event or channel-based content anywhere, ensuring viewers around the world never miss a minute of the action.


Experience extraordinary.


Deliver dynamic.


Acquire amazing.

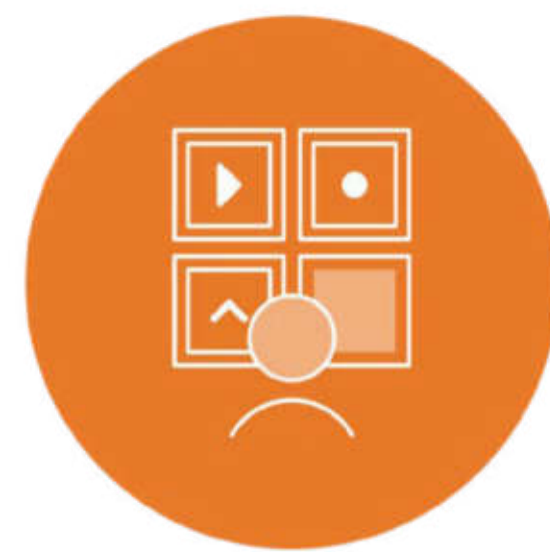




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

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Multi-Channel Distributor

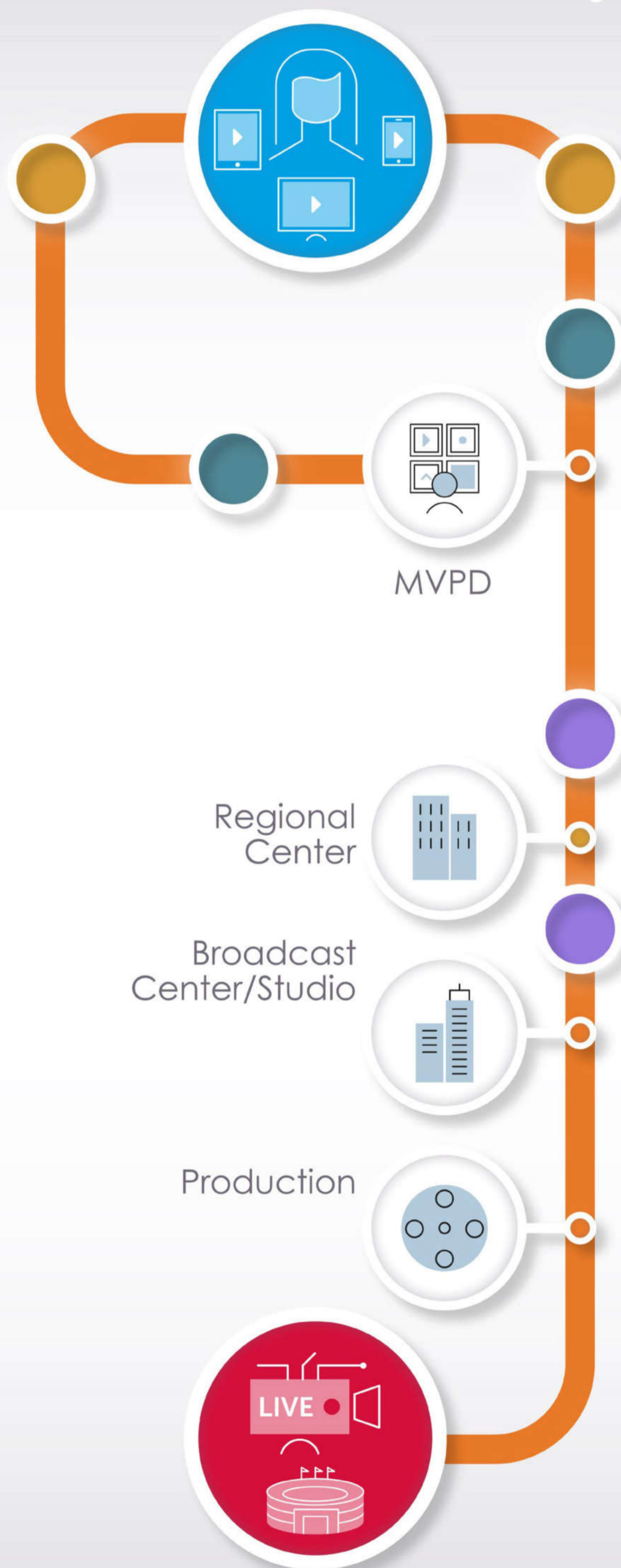
Aggregates procured content and sometimes content of their own for final distribution to the consumer.

Trends

- Transition to IP
- Move to cloud (on-premises, public or hybrid)
- Increasing use of OTT (aggregation of on-demand content providers)
- Launch of UHD services
- Use of cloud-native flexibility for temporary channels

Challenges

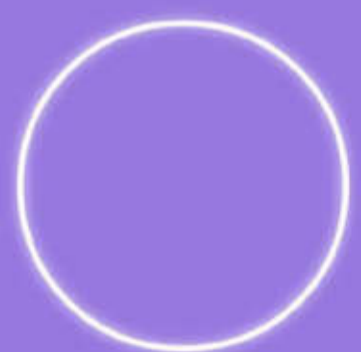
- Low latency
- High picture quality
- Service differentiation
- Network and operational cost control
- Monetization & targeted advertising
- Content distribution rights enforcement
- Consumer personalization/fan engagement
- Platform reliability



Experience extraordinary.



Deliver dynamic.



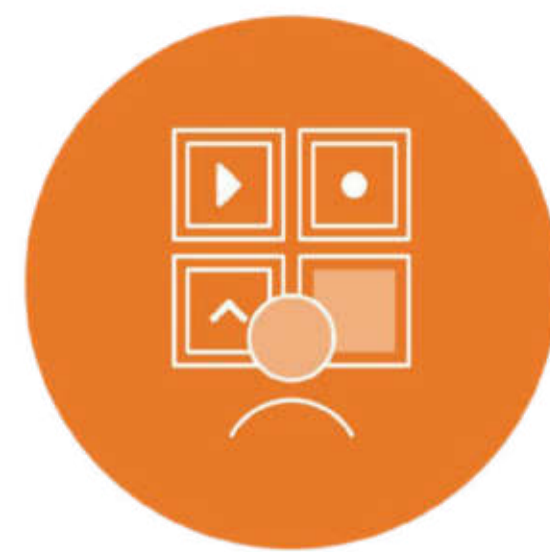
Acquire amazing.



Content Owner



Channel Originator



Multi-Channel Distributor

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Distribution to Affiliates

Live Comviva Distribution

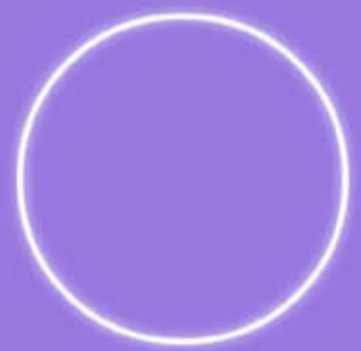
Reliably maintaining content integrity and securely distributing high value content to affiliates for regionalization and personalization. Enabling an easy path to an all-IP infrastructure by distributing across both IP and satellite based primary distribution networks.



Experience extraordinary.



Deliver dynamic.



Acquire amazing.

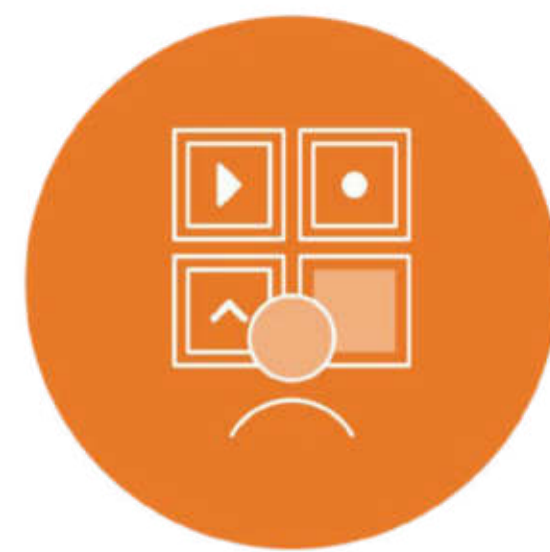




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



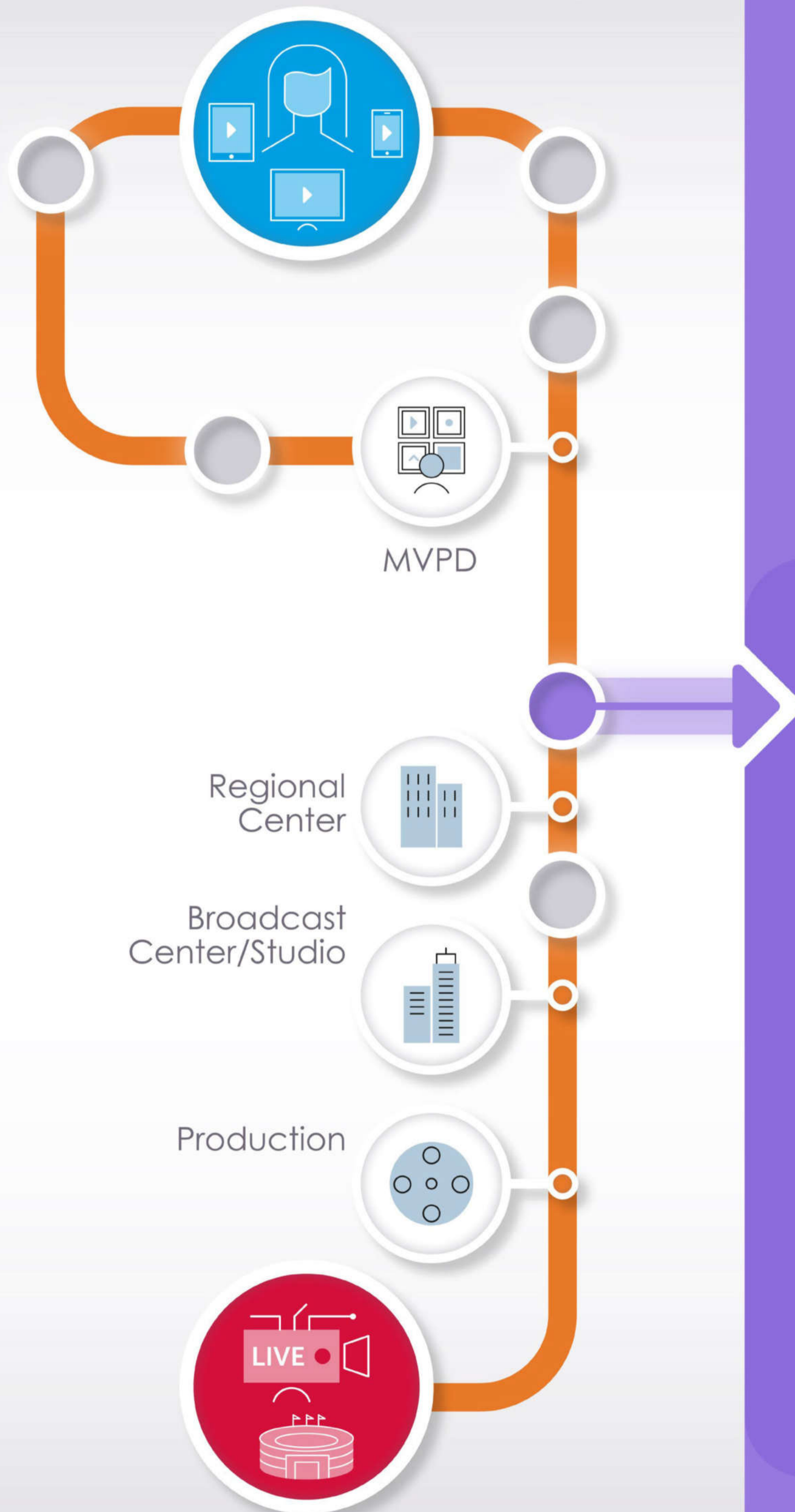
Distribution to MVPDs

Live Comviva Distribution

Reliably maintaining content integrity and securely distributing high value content to affiliates for regionalization and personalization. Enabling an easy path to an all-IP infrastructure by distributing across both IP and satellite based primary distribution networks.

Live Comviva Broadcasting

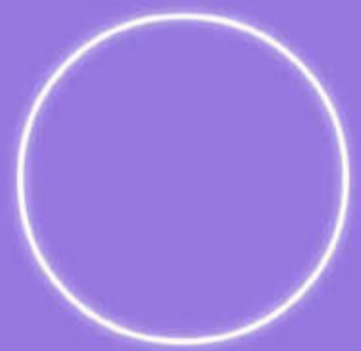
Allowing Multi-channel Distributors to efficiently and reliably deliver their live content to their customers and enabling the launch of UHD HDR services whilst offering an easy migration to all IP workflows and cloud-based deployment. Integral Media Composing and Emergency Alerts Management can also be provisioned through PRISMA.



Experience extraordinary.



Deliver dynamic.



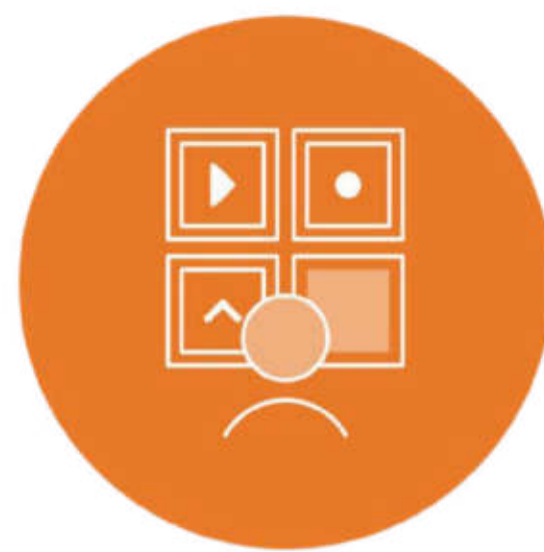
Acquire amazing.



Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Live and On-Demand Video to Consumers

Live Comviva Streaming

Processing & delivering live...▼

On Demand Comviva Processing

Addressing video on demand...▼

Storage, cDVR and Timeshift TV

Powering a unified solution...▼

Live Comviva Broadcasting

Allowing Multi-channel Distributors to efficiently and reliably...▼

Advertising & Linear Rights

All inventories enabled through Live, On Demand or cDVR consumption...▼



Experience extraordinary.



Deliver dynamic.



Acquire amazing.

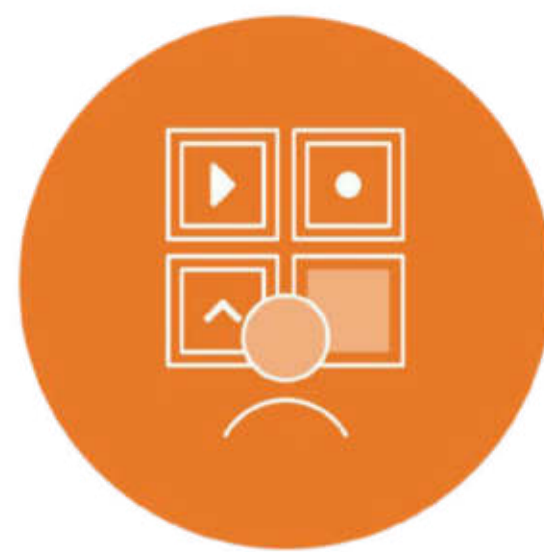




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Live and On-Demand Video to Consumers

Live Comviva Streaming

Processing & delivering live video over any streaming network (Cable, IPTV & OTT) to any device, whilst enabling a broadcast like experience to consumers.

On Demand Comviva Processing

Addressing video on demand...▼

Storage, cDVR and Timeshift TV

Powering a unified solution...▼

Live Comviva Broadcasting

Allowing Multi-channel Distributors to efficiently and reliably...▼

Advertising & Linear Rights

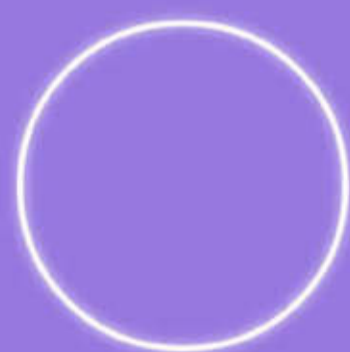
All inventories enabled through Live, On Demand or cDVR consumption...▼



Experience extraordinary.



Deliver dynamic.

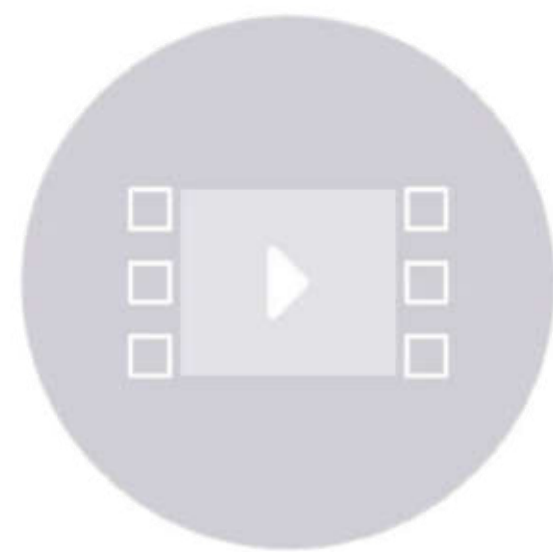


Acquire amazing.

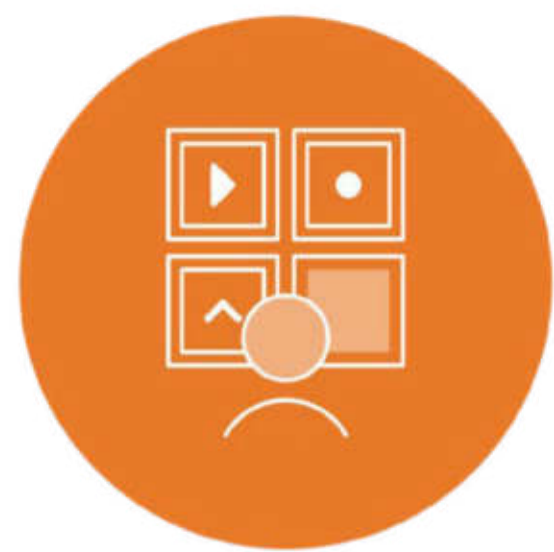




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Video for OTT Services

Live Comviva Streaming

Processing & delivering video over any streaming network...▼

On Demand Comviva Processing

Addressing video on demand use cases and enabling the ingest...▼

Storage, cDVR and Timeshift TV

Powering a unified solution for cloud DVR, on-demand...▼

Advertising & Linear Rights

All inventories enabled through Live, On Demand or cDVR...▼



Experience extraordinary.



Deliver dynamic.



Acquire amazing.

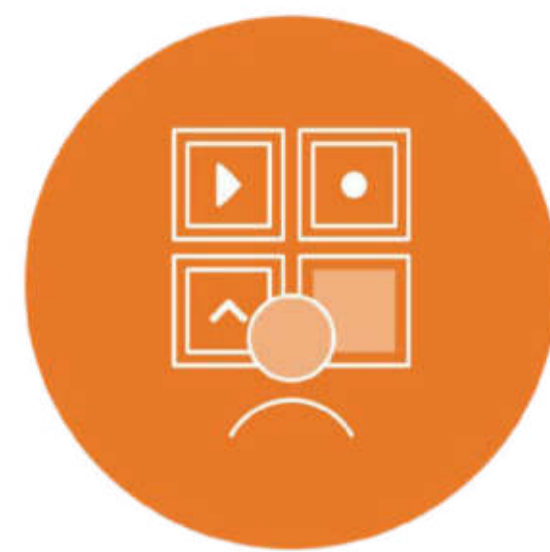




Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

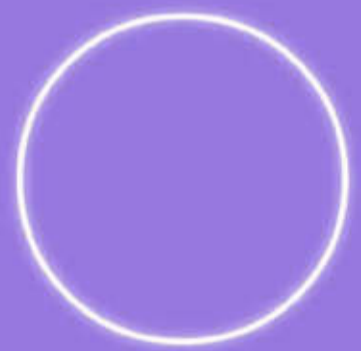
CLOSE



Experience extraordinary.



Deliver dynamic.



Acquire amazing.



Consumer Experience

Comviva Platform

Providing a converged multi-screen experience including Pay TV in-home, TV Everywhere and OTT services whilst embracing all content sources and delivery networks, and also enabling DAI & OTT Audience-based Blackout on any ABR MediaFirst device.

Advertising & Alternate Content

A cloud ready highly modular & scalable Advertising & Alternate Content Insertion & Management software solution unifying alternate content & advertising insertion /replacement across legacy broadcast & IP networks.

Comviva Platform

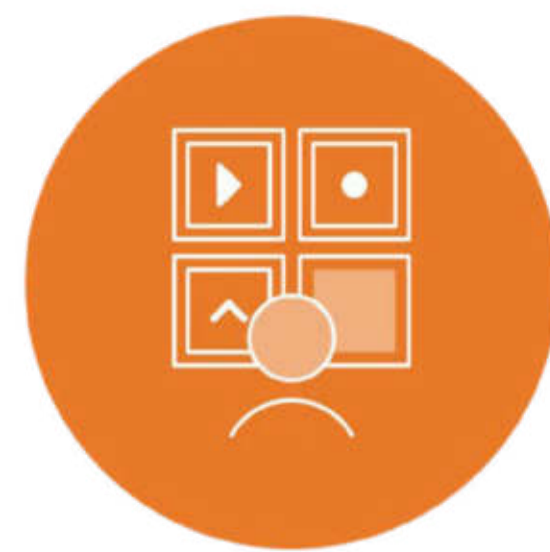
The world's number one IPTV platform offering a uniquely comprehensive and graphically rich user experience to managed IPTV set-top boxes. The solution is deployed with on-premise infrastructure, and delivered over managed networks to subscribers' STBs for Linear, VOD, Time Shift TV and cDVR services.



Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



OTT Services Consumer Experience

Comviva Platform

Providing a converged multi-screen experience including Pay TV in-home, TV Everywhere and OTT services whilst embracing all content sources and delivery networks.

Advertising & Alternate Content

A cloud ready highly modular & scalable Advertising & Alternate Content Insertion & Management software solution unifying alternate content & advertising insertion/replacement across legacy broadcast & IP networks.



Experience extraordinary.



Deliver dynamic.

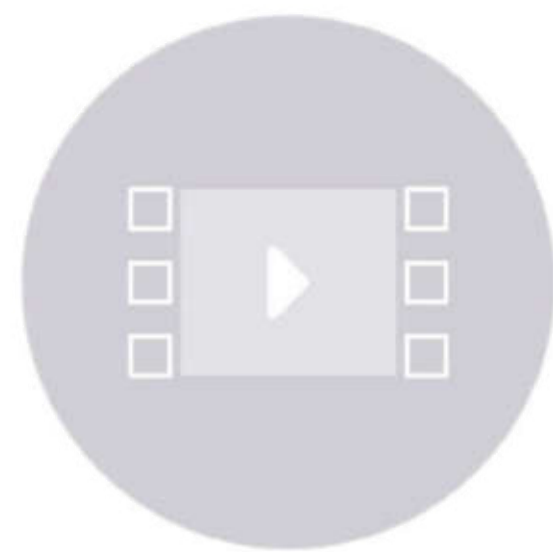


Acquire amazing.

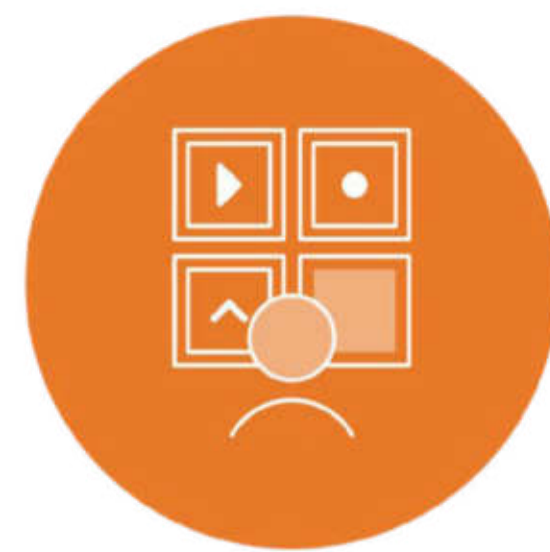




Content Owner



Channel Originator



Multi-Channel Distributor

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CLOSE



Experience extraordinary.



Experience Extraordinary

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Deliver dynamic.

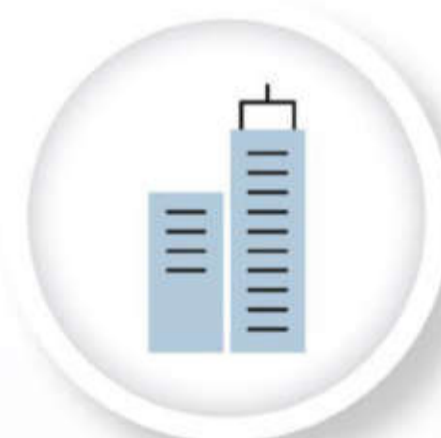


MVPD

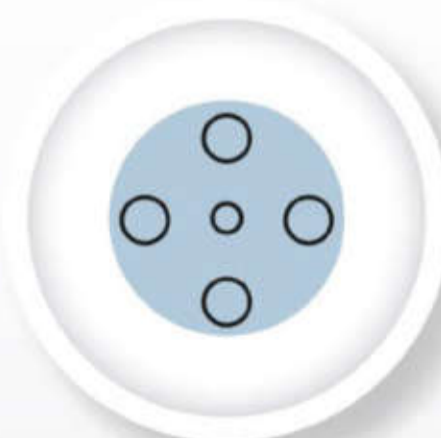
Regional Center



Broadcast Center/Studio



Production



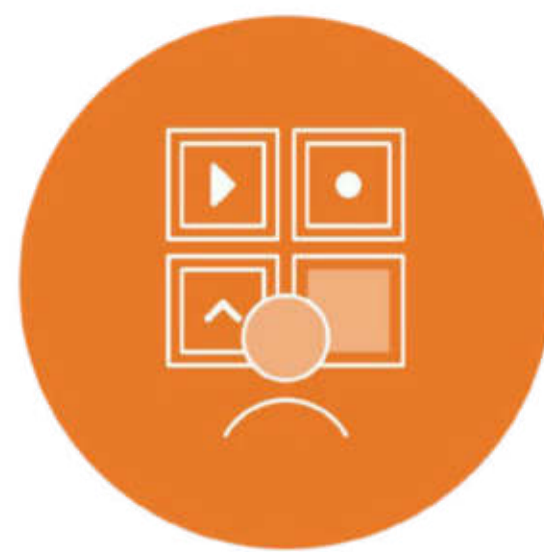
Acquire amazing.



Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE



Deliver Dynamic

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Experience extraordinary.

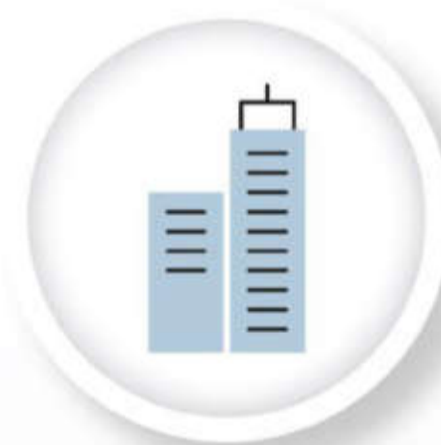


MVPD

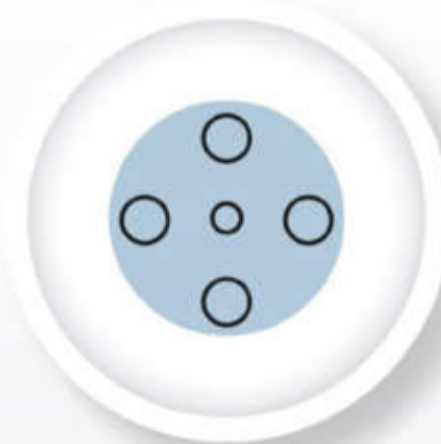
Regional Center



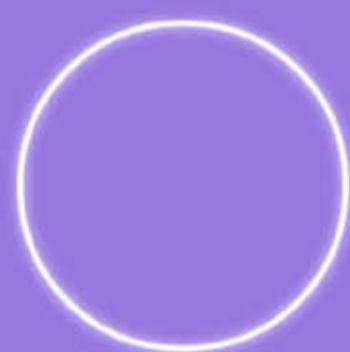
Broadcast Center/Studio



Production



Deliver dynamic.



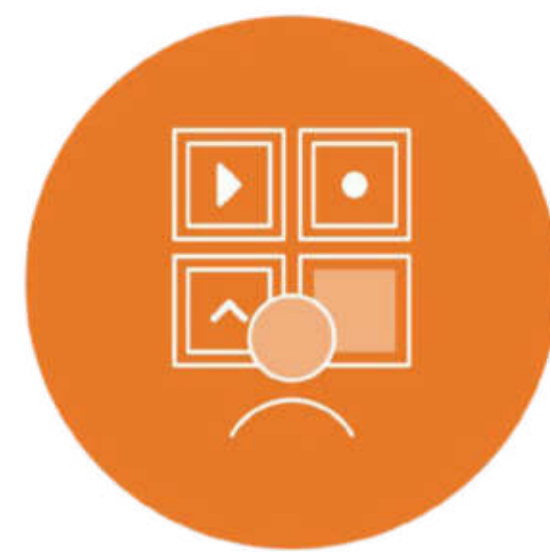
Acquire amazing.



Content Owner



Channel Originator



Multi-Channel Distributor

Comviva solutions Tailored to you.

CLOSE

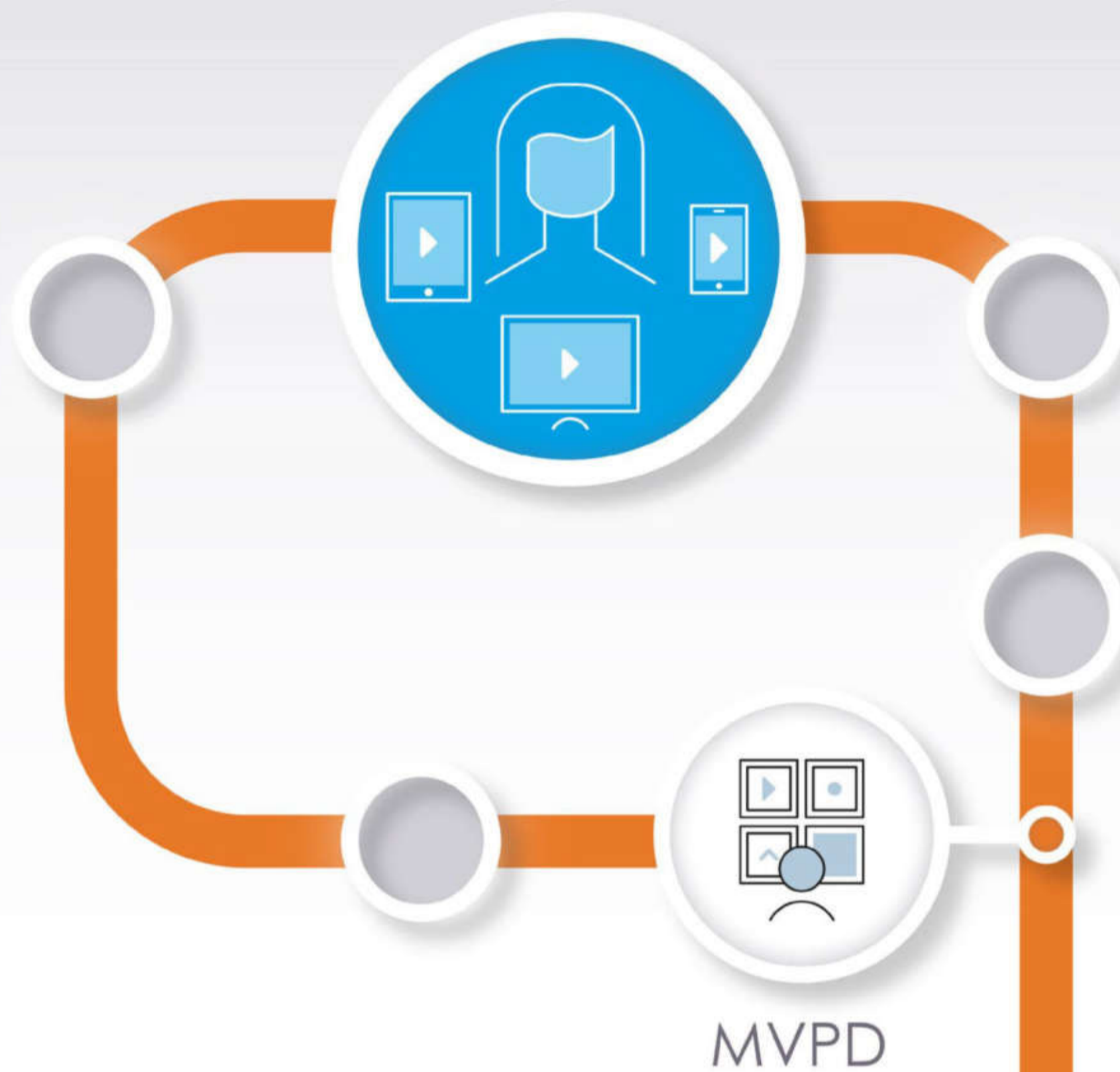


Acquire Amazing

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Experience extraordinary.



MVPD

Regional Center

Broadcast Center/Studio

Production

LIVE

Acquire amazing.