

Channel Playout | Global Distribution | OTT/TVE Solutions | Live Events | Disaster Recovery | Radio























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Encompass is a global technology services company focused on supporting television networks, broadcasters (TV and radio), sports leagues, digital leaders and government organizations.



## Benefits of **Managed Services**

FOCUS ON YOUR CORE COMPETENCIES - CREATE GREAT CONTENT. AND LEAVE THE REST TO US



Lower costs

Contractual SLAs

State-of-the-art infrastructure & always-on mentality **RESILIENCE** 

Geographic diversity

We design, implement and operate reliable video solutions that capture, process and deliver our clients' video content from any source, in any format, to any destination in the most efficient manner possible.

## **Television** Networks

#### **Channel Playout**

Encompass provides comprehensive channel playout services including advanced transmission and 24/7 monitoring with technical support for 1,200+ channels. As a full-service broadcast company, we formulate strategies to launch legacy and start-up TV networks on a global scale. We provide tiered solutions, meeting an extensive range of technical requirements.

- 24/7 master control and engineering
- State-of-the-art automation systems
- On-air graphics
- Quality control
- Satellite, fiber and IP distribution
- North American, Latin American and Asian satellite platforms

#### **Live Event Integration**

We understand that every event is unique and offer a collaborative approach to creating content distribution solutions that fit your specifications. We incorporate live, special event feeds into a full-time channel playout workflow seamlessly. We hold a strong global reputation for our ability to capture, process and deliver live content in any format, anywhere in the world.

#### **OTT/TVE Services**

Transform the way you distribute content to your viewers while capturing additional market share and generating new revenue opportunities. Encompass delivers the highest quality linear programming by providing end-to-end managed services. From encoding and packaging through delivery to consumer devices or vMVPDs via CDNs or IP distribution, we provide it all with around-the-clock monitoring.

#### **Global Connectivity**

Encompass customizes distribution solutions to deliver your critical content anywhere in the world. Through our vast satellite, fiber and IP footprints, we are able to meet diverse transmission needs and unique technical requirements.

- Satellite platforms
- Fiber & IP transport
- Event streaming
- Fiber routing & cross connects
- Signal manipulation
- Media record & playback
- Conditional access
- IRD management



















### **Disaster Recovery services**

What would you like to protect? Ad Revenue, Signal Continuity, Carriage?





## Sports, News & Entertainment

#### Global Occasional-Use Services

Encompass provides end-to-end occasional-use (OU) transmission via its combination of global assets — worldwide teleports, US-based satellite trucks, live streaming and production services. We serve as a base of operations, extending your coverage around the world. Our technical innovations and top-tier engineers offer you the best resources in media distribution.

- Award-winning teleports and media ports
- 140 ground antennas
- Extensive satellite, fiber and IP networks
- Satellite trucks/flyaways
- End-to-end live event coordination
- Live streaming

#### **Event Streaming**

The challenge for content providers is to protect revenue by providing options to viewers that retain their loyalty. Encompass' extensive satellite, fiber and IP networks can capture a live event from anywhere in the world. The signal is encoded, packaged with necessary encryption and delivered to a nominated endpoint for streaming. Events are managed and monitored by a team of broadcast TV and digital services experts from our Digital Media Network Operations Center to ensure the highest quality viewing experience and service.

#### **24/7 DMNOC**

- Signal acquisition
- Stream encoding
- Partnerships with OVPs and CDNs
- Premium live event support



















#### **Turnkey Live Event Services**

Encompass' turnkey live event services offer reliable capture, process and delivery solutions globally. We understand that every event is unique and offer a collaborative approach to providing transmission solutions that fit your specifications. From satellite and fiber to IP and OTT/TVE, we have a team of experts to manage your events, offering contribution and distribution from anywhere to anywhere in the world on any device.

Land or Sea:
Encompass
delivers your
content from
anywhere at
anytime!



# Digital Video Aggregators

### **TURN DIGITAL VIDEO CONSUMPTION INTO REVENUE**

Encompass brings our broadcast heritage of delivering highly reliable, broadcast-quality TV to our digital services, enabling you to reach your viewers on any device, any time. Let us handle the complexities while you focus on creating great content.

#### **Live Content Acquisition**

No matter where the source is originated, Encompass can acquire the signal.

- Downlink
- Satellite and fiber capacity
- Managed IP transport
- Signal conditioning
- Fiber routing and cross connects
- Media record and playback
- VOD Aggregation

#### **VOD Aggregation**

Looking to launch an SVOD, AVOD or TVOD service? Encompass captures content anywhere in the world and processes into a single format. Onboarding and management of content providers.

- Encode content to specified requirements
- Package and delivery content with metadata

#### **End-to-end Monitoring**

Encompass can give you peace of mind that your audience is receiving the highest quality signal and experience throughout the journey of your content – from acquisition to viewer consumption.

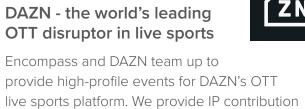
- Acquisition monitoring
- Metadata reception
- Encode Monitoring
- Pkg/DRM Monitoring
- CDN Selection
- CDN Delivery
- Device

#### Virtual Headend Services

Encompass' virtual headend service allows you to outsource the entire video supply chain - from acquisition to delivery.

- Acquire, transport and aggregate channels
- Process and deliver broadcast-quality content
- DRM License key management
- · Monitor headend, resolve issues quickly and provide reporting

#### DAZN - the world's leading OTT disruptor in live sports



services for live events to DAZN's network as well as encoding and packaging of the content. DAZN and Encompass not only deliver content from the sports field to the rights holder but also from the rights holder to the viewer! This end-to-end managed solution is supported by full NOC monitoring for the entire platform.



# **Broadcast**Station Groups

#### **Centralcasting Services**

Encompass is a leading provider of centralcasting services in the industry today. Centralcasting, the playout and transmission of multiple local television stations from a central facility, enables TV station owners and operators to generate significant cost savings while improving service quality.

Our Atlanta hub originates and distributes over-the-air TV stations from across the US to local market facilities for broadcast.

- Live programming
- Sub-channels
- Monitoring
- EAS support
- HD upgrades



## Government

#### **Channel Playout**

Encompass' on-air environments are staffed 24/7 with master control, operations and engineering. Our team of operators monitor the output of the primary and secondary feeds, satellite uplinks and downlinks as well as the digital streams for OTT/TVE solutions.

- 24/7 playout, monitoring, operations and engineering
- OTT/TVE playout
- Live integration
- Traffic and ingest services
- Disaster recovery and archive management

#### **Digital Asset & Content Management**

Encompass manages workflows in a collaborative environment to create, edit, store, manage and publish your assets. We utilize a complete turnkey system to ensure content availability on your organization's website and a variety of external platforms, including social media channels, streaming applications and podcasts.

#### **Disaster Response**

When disaster strikes, government organizations must not only continue to function, but scale considerably to meet the increased needs of their affected citizens. Constant, reliable communication is critical. Our mobile satellite uplink/downlink vehicles and flyaway packages provide emergency voice and Internet connections, as well as on-site video transmission to connect your media operations center or key leader/spokesperson to the news media and audiences whose welfare depends on timely, accurate information.





#### **Remote Events**

From world leader press conferences, to diplomatic briefings, to battlefield updates, we deliver special-event programming by linking local, national and international media to breaking news around the world.

- Satellite trucks/flypacks
- Production facilities support
- Studio & stages
- Event streaming

## Radio Broadcasters

Satellite Radio: With facilities in Europe,
America, the Middle East and Asia and supported
by strong relationships with leading satellite
operators, Encompass distributes your content
via our cost-effective network covering over 90%
of the globe.

**Shortwave:** Encompass uses shortwave to deliver content to millions of listeners around the world, including remote regions where access to other forms of media is either unavailable or tightly controlled. Shortwave uses the most basic, inexpensive and widely available radio receivers.

**DRM:** DRM (Digital Radio Mondial) can deliver multiple high-quality audio services over long distances and cover very wide areas using just a single transmitter.

**Medium Wave:** Encompass uses medium wave radio to deliver a combination of local, national and international radio services. MW (or AM) radio receivers are universal across the globe, meaning audiences need only the simplest of equipment to hear the content.















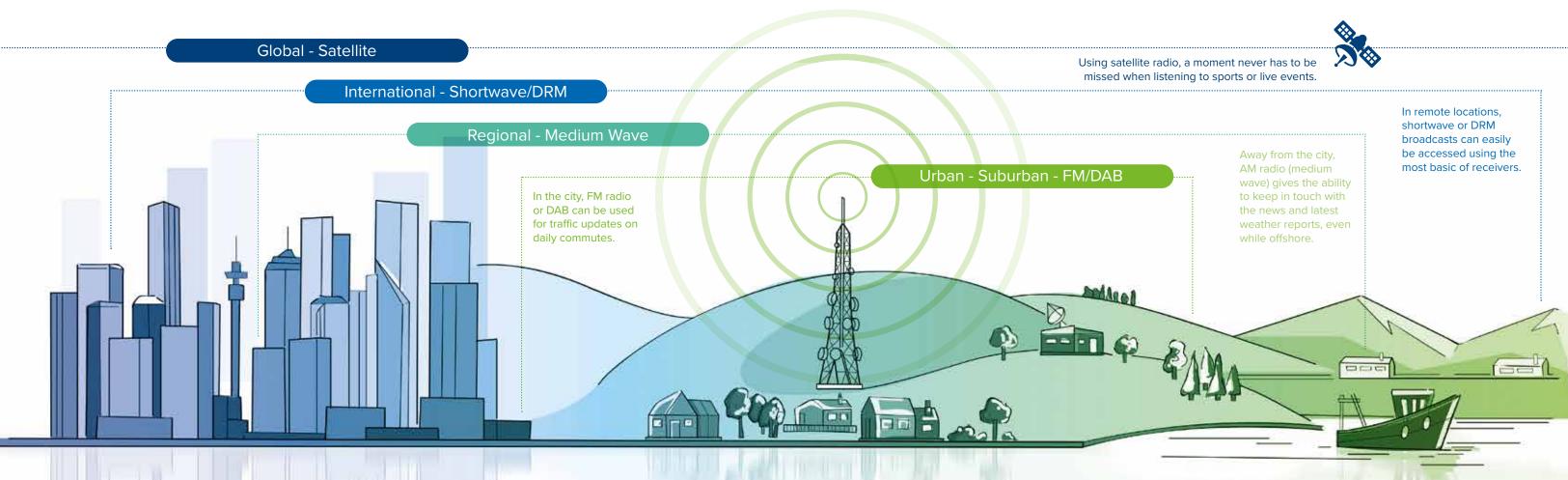
RÁDIO SLOVAKIA INTERNATIONAL

**FM:** Encompass uses FM for national and local broadcasting in the 88-108 MHz band. FM radio is capable of delivering high-quality stereo audio as well as associated program-related data.

**DAB:** DAB (Digital Audio Broadcasting) is a digital radio standard widely used in the UK, Europe and many other countries. DAB can also provide additional on-screen information about program content or other data provided by the broadcaster, delivering a more efficient listening experience.

#### Listen to World Radio Network

Since its foundation in 1992, World Radio Network has brought together programs and content from leading international public broadcasters and independent producers in Europe, Africa, the Middle East, Asia, Australasia, North America and Latin America.







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