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**FOR IMMEDIATE RELEASE**



## Discovery Communications Completes Move of U.S. Network Playout to the Public Cloud with Help from Evertz

Burlington, Canada – Evertz Microsystems, the global leader in media and entertainment technology solutions and Discovery Communications, home of global brands including Discovery Channel, TLC and ID, have completed the transition of Discovery's U.S. Networks to public cloud-based origination utilizing an Evertz solution running within the Amazon Web Services' Public Cloud.

In partnership with Evertz, Discovery Communications has built a highly resilient, reliable, fully virtualized and scalable linear transmission and media asset management solution. This system leverages Evertz' industry-leading cloud playout solution which includes

Mediator-X, Overture-RT LIVE and Render-X. Also included are Software Defined Video Networking (SDVN) solutions using IPX Switch Fabrics, Network Address Translators (NAT) and encoding/decoding products from Evertz. The solution includes full support for LIVE events, the first of which went to air between October 19<sup>th</sup> and 21<sup>st</sup> where Discovery aired over 40 hours of LIVE program content on Velocity.

Evertz' cloud playout solution is deployed natively on Amazon Web Services (AWS), a public-cloud based computing platform specializing in on-demand compute and storage. Mediator-X, Overture-RT LIVE and Render-X are hosted across six Data Centers diversely distributed between two geographic regions including northern Virginia and Ireland.

"Evertz' cloud-based playout solution has transformed Discovery Communications' playout operations and has given us the scalability, flexibility and agility to address continuously evolving business and technical challenges," said Brinton Miller, SVP of Technology Strategy & Architecture at Discovery. "We have seen success this month with Live events utilizing the public cloud. The possibilities of this solution are endless."

"Evertz and Discovery's committed partnership was the driving force of this venture. This partnership allowed us to collaboratively reinvent traditional master control and playout applications and produce a new cloud native and highly scalable solution" said Dan Turow, Vice President of File Based Solutions at Evertz. "The extensive airing of LIVE events is a key milestone in the project and clearly demonstrates that both file based playout and LIVE events are practical and feasible within these advanced architectures."



Mediator-X provides Discovery Communications with a powerful Media Asset Management (MAM) and workflow engine to drive advanced file flows as well as comprehensive playout automation. Mediator-X prioritizes and automates all file transfer operations to and from Amazon's S3 storage platform.

Overture-RT LIVE, Evertz' Software Modular Playout Engine, delivers an extensive list of complex secondary events including logo/graphics insertion, rich SCTE metadata messaging, audio loudness correction, Nielsen watermarking, Dolby D encoding and more. The system also provides the ability to scale up and recover playout instances using automated orchestration methodologies, giving Discovery the agility and flexibility to dynamically scale their operations.

### **About Discovery Communications:**

Discovery Communications (Nasdaq: DISCA, DISCB, DISCK) satisfies curiosity and captivates superfans around the globe with a portfolio of premium nonfiction, lifestyle, sports and kids content brands including Discovery Channel, TLC, Investigation Discovery, Animal Planet, Science and Turbo/Velocity, as well as OWN: Oprah Winfrey Network in the U.S., Discovery Kids in Latin America, and Eurosport, the leading provider of locally relevant, premium sports and Home of the Olympic Games across Europe. Available in more than 220 countries and territories, Discovery's programming reaches 3 billion cumulative viewers, who together consume 54 billion hours of Discovery content each year. Discovery's offering extends beyond traditional TV to all screens, including TV Everywhere products such as the GO portfolio and Discovery Kids Play; over-the-top streaming services such as Eurosport Player; digital-first and social video from Group Nine Media; and virtual reality storytelling through Discovery VR. For more information, please visit [www.discoverycommunications.com](http://www.discoverycommunications.com).

### **About Evertz**

Evertz Technologies Limited designs, manufactures and markets video and audio infrastructure solutions for the television, telecommunications and new-media industries. Evertz provides complete end-to-end solutions to content creators, broadcasters, specialty channels and television service providers to support their increasingly complex multi-channel digital, ultra high definition (UHD) and next generation high bandwidth low-latency IP network environments. Evertz' solutions enable its customers to generate additional revenue while reducing costs through the more efficient signal routing, distribution, monitoring and management of content as well as the automation of previously manual processes. For additional information, visit [www.evertz.com](http://www.evertz.com).