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 <p><b>ALL MOBILE VIDEO</b></p> <p><b>DESCRIPTION</b> AMV's IP Mobile Unit, "EduStar" has been used to produce NBC's May 17 Thanksgiving Day Parade, Global Citizen concert, and Dick Clark's New Year's Rockin' Eve.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 SMPTe ST 2022-7</p> <p><b>LOCATION</b> New York, USA</p> <p><b>ON AIR DATE</b> 17 July 2017</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Less equipment, more production space</li> <li>• More available equipment resources</li> <li>• Everything lives in the router</li> <li>• More efficient service and strike on show site due to reduced cabling</li> </ul>	 <p><b>ASSOCIATED PRESS</b></p> <p><b>DESCRIPTION</b> New headquarters building, with hybrid HD-SDI/IP infrastructure for studios, newsroom and HDG.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 2022-4 SMPTe ST 2022-7</p> <p><b>LOCATION</b> New York, USA</p> <p><b>ON AIR DATE</b> March 2017</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Ease of expansion</li> <li>• Test case opportunity</li> <li>• Long cable runs</li> </ul>	 <p><b>BBC WALES, CENTRAL SQUARE</b></p> <p><b>DESCRIPTION</b> New headquarters building, 3 TV studios, Multiple radio studios, Flexible media areas.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 NHOS</p> <p><b>LOCATION</b> Cardiff, Wales, UK</p> <p><b>ON AIR DATE</b> Q4 2019</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Future proofing</li> <li>• Scale</li> <li>• Format flexibility</li> </ul>	 <p><b>BROADCASTING CENTER EUROPE</b></p> <p><b>DESCRIPTION</b> Based in new premises, RTL City, IP used for signal routing and distribution.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 2022-7 PTP-2 and PTP-1 AE567 Upgradable to SMPTe ST 210</p> <p><b>LOCATION</b> Luzernberg</p> <p><b>ON AIR DATE</b> April 2017 (Studio production) June 2017 (Studio facility)</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Format agnostic (1080p, 4K)</li> <li>• System flexibility</li> <li>• Network redundancy</li> <li>• Non-blocking system scale</li> <li>• Knowledge</li> </ul>	 <p><b>Broadcast Anywhere Timeline TV</b></p> <p><b>DESCRIPTION</b> Timeline TV's wide area, IP 4K HDR outside broadcast track delivers large scale complex OBs simultaneously in uncompressed 4K UHD HDR and 4K UHD SDR.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 SMPTe ST 2022-6 SMPTe ST 2022-7 SMPTe ST 2029</p> <p><b>LOCATION</b> London, UK</p> <p><b>ON AIR DATE</b> May 2017</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Enables large scale complex OBs</li> <li>• Removes traditional SDI matrix limitations</li> </ul>	 <p><b>CANAL+ GROUP</b></p> <p><b>DESCRIPTION</b> Live shows broadcast production center, 4 studios, 2 galleries and 30 seats of production.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 2022-6 Moving to SMPTe ST 2022-7 and AE567 Introducing SMPTe ST 2029</p> <p><b>LOCATION</b> Boulogne-Billancourt, France</p> <p><b>ON AIR DATE</b> November 2016</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Quicker to setup new shows</li> <li>• Easier to show shows back to back</li> </ul>
 <p><b>CBC/RADIO-CANADA</b></p> <p><b>DESCRIPTION</b> "La Nouvelle Maison de Radio-Canada" is the main production, layout and distribution hub for Canada's national broadcaster. French language, television, radio and digital services.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 SMPTe ST 2022-4/217 AHWA/SDA/S</p> <p><b>LOCATION</b> Montreal, Canada</p> <p><b>ON AIR DATE</b> 2021</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Futureproofs the physical infrastructure</li> <li>• Enables full studios, control room and equipment delegation</li> <li>• Facilitates remote work and production</li> </ul>	 <p><b>CCTV</b></p> <p><b>DESCRIPTION</b> Outdoor mobile HDR system for hybrid IP routing, monitoring and control.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 for HD-UHD SMPTe ST 2022-7</p> <p><b>LOCATION</b> Beijing, China</p> <p><b>ON AIR DATE</b> February 2018</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Scalable, future-proof</li> <li>• Space-saving</li> </ul>	 <p><b>CHASE CENTER</b></p> <p><b>DESCRIPTION</b> Work-class live events arena and home to the swastone NBA champion Golden State Warriors.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 Live production AE 210, 1080p today UHD+HDR+HFR capable</p> <p><b>LOCATION</b> California, USA</p> <p><b>ON AIR DATE</b> August 2019</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Flexibility to take any signal in</li> <li>• Guaranteed interoperability</li> </ul>	 <p><b>DOM PRODUCTIONS</b></p> <p><b>DESCRIPTION</b> Dome Productions' "GATEWAY" Large scale multifunction mobile production facility for sports and entertainment.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210-20/30/40 SMPTe ST 2022-7 SMPTe ST 2029-2</p> <p><b>LOCATION</b> Toronto, Ontario, Canada</p> <p><b>ON AIR DATE</b> January 2021</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• System flexibility</li> <li>• Network redundancy</li> <li>• Non-blocking system scale</li> </ul>	 <p><b>E1 TOWERS</b></p> <p><b>DESCRIPTION</b> Football Liga Serie A broadcast production center and distribution.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 SMPTe ST 2022-6</p> <p><b>LOCATION</b> Lions, Italy</p> <p><b>ON AIR DATE</b> August 2021</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• 4K and HD+ UHD support</li> <li>• Highly scalable</li> <li>• Guaranteed interoperability</li> </ul>	 <p><b>EUROSPORT</b></p> <p><b>DESCRIPTION</b> Merging Technologies' HARP converters are interconnected in AES67 throughout Europe. Live sport commentaries in different languages are aired without compromise in HD quality.</p> <p><b>IP TECHNOLOGY</b> AE567 SMPTe ST 210-30</p> <p><b>LOCATION</b> 20 locations throughout Europe</p> <p><b>ON AIR DATE</b> January 2019</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Flexibility and agility</li> <li>• Easy local and remote expansion/cabling</li> <li>• Low latency</li> </ul>
 <p><b>KOREAN BROADCASTING SYSTEM</b></p> <p><b>DESCRIPTION</b> 2 UHD studios and 2 signal control rooms (SCR) in the KBS new building. Each SCR backup each others and able to control both studios.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 AE567</p> <p><b>LOCATION</b> Seoul, Korea</p> <p><b>ON AIR DATE</b> February 2018</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Interconnectivity between Studios</li> </ul>	 <p><b>KZLF</b></p> <p><b>DESCRIPTION</b> New all-digital all studio project for a recently purchased 50kW FM station (KZLF) in Northern Oklahoma/Southern Kansas.</p> <p><b>IP TECHNOLOGY</b> AQB-AE567</p> <p><b>LOCATION</b> Afton, Oklahoma, USA</p> <p><b>ON AIR DATE</b> July 2022</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Studio space conservation</li> <li>• Superior audio quality</li> <li>• Ease and efficiency of operation</li> </ul>	 <p><b>LINKEDIN</b></p> <p><b>DESCRIPTION</b> Multiple production facilities which are interoperable, remotely managed and controlled. Control room which can produce shows from various venues.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 2022-6 (comments) SMPTe ST 2029 (Q3 2017) SMPTe ST 210/AE567 (Q3 2017)</p> <p><b>LOCATION</b> Multi-campus production: San Francisco/Mountain View/Dulles/Chicago/New York</p> <p><b>ON AIR DATE</b> June 2016 - Q1 2018 (various)</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Long term infrastructure</li> <li>• Format flexibility</li> </ul>	 <p><b>NC STATE UNIVERSITY</b></p> <p><b>DESCRIPTION</b> Digital education and learning technology applications.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 SMPTe ST 2022-7</p> <p><b>LOCATION</b> North Carolina, USA</p> <p><b>FIRST CLASSES WENT LIVE</b> August 2019</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Scalable, allows room to grow</li> <li>• Guaranteed interoperability</li> <li>• Designed for future-proofing</li> </ul>	 <p><b>NDR ELBPILHARMONIE</b></p> <p><b>DESCRIPTION</b> Fully networked concert hall, 6 mixing desks, 15 stagebox units, 128bit routers, 4000+ audio channels.</p> <p><b>IP TECHNOLOGY</b> AE567</p> <p><b>LOCATION</b> Hamburg, Germany</p> <p><b>ON AIR DATE</b> January 2017</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Flexible signal management</li> <li>• Shared infrastructure</li> <li>• Integrated access rights management</li> </ul>	 <p><b>CLOUD PRODUCTION PLATFORM</b></p> <p><b>DESCRIPTION</b> Centralized, shared production platform enabling productions across multiple locations.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 2022-6</p> <p><b>LOCATION</b> The Netherlands</p> <p><b>ON AIR DATE</b> November 2015</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Better resource utilization</li> <li>• Reduced travel budget</li> <li>• Flexibility</li> </ul>
 <p><b>NEP BROADCAST SERVICES</b></p> <p><b>DESCRIPTION</b> Native 210 IP complementary unit co-development with NEP based on the Neqing Anika platform.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210-30 NHOS</p> <p><b>LOCATION</b> Melbourne Park, Australia</p> <p><b>ON AIR DATE</b> 17 January 2022</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Seamless integration into native IP infrastructure</li> </ul>	 <p><b>NEP BROADCAST SOLUTIONS</b></p> <p><b>DESCRIPTION</b> Fluxway OB kits for Live Production for major event coverage.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 2022-6</p> <p><b>LOCATION</b> Singapore</p> <p><b>ON AIR DATE</b> March 2017</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Scale</li> <li>• Flexibility</li> </ul>	 <p><b>THE HUB</b></p> <p><b>DESCRIPTION</b> Two, centralized and resource sharing production centres, allowing for remote production from 20 country wide venues.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210</p> <p><b>LOCATION</b> Sydney and Melbourne, Australia</p> <p><b>ON AIR DATE</b> March 2018</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Resource sharing</li> <li>• Reduced travel budget</li> <li>• Flexibility</li> <li>• Anyone anywhere on the network</li> </ul>	 <p><b>NFL MEDIA</b></p> <p><b>DESCRIPTION</b> Live stadium production and studio shows. Creating HD and Ultra HD productions simultaneously.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210</p> <p><b>LOCATION</b> California, USA</p> <p><b>ON AIR DATE</b> August 2021</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Scalable</li> <li>• Non-blocking I/O for thousands of streams</li> <li>• Guaranteed interoperability</li> </ul>	 <p><b>PCCW NOWIS NEWS</b></p> <p><b>DESCRIPTION</b> IP infrastructure for 24 hours live news production.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 2022-6 AE567</p> <p><b>LOCATION</b> Hong Kong, China</p> <p><b>ON AIR DATE</b> August 2018</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Scale</li> <li>• Flexibility</li> </ul>	 <p><b>PROGRESSIVE AMERICAN FLAT TRACK</b></p> <p><b>DESCRIPTION</b> Toto Alliance partners with Progressive American Flat Track to stream live event Centre saving them money, and time.</p> <p><b>IP TECHNOLOGY</b> IP Network</p> <p><b>LOCATION</b> Cleveland, Ohio, USA</p> <p><b>ON AIR DATE</b> June 2020</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Infinite scalability with plug and play device integration</li> <li>• No matrix with an all-IP backbone for greater efficiency</li> <li>• Easy to use with intuitive UI for simple operation</li> <li>• Cost-efficient with a lower total cost of ownership compared to traditional telecom systems</li> </ul>
 <p><b>QVC</b></p> <p><b>DESCRIPTION</b> IP-based production system, including IP routing system, multiviewers, production switcher and audio mixer.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210</p> <p><b>LOCATION</b> Chiba City, Japan</p> <p><b>ON AIR DATE</b> 2018</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Flexibility and agility</li> <li>• Open, interoperable</li> <li>• Highly scalable</li> </ul>	 <p><b>SHOP CHANNEL</b></p> <p><b>DESCRIPTION</b> We provide various programming to fit a wide range of viewer environments. CB broadcasts, cable TV, BS broadcasts, terrestrial digital broadcasts, IPTV, and 4K broadcasts.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210-20 SMPTe ST 210-40 SMPTe ST 210-30 SMPTe ST 2022-7</p> <p><b>LOCATION</b> Tokyo, Japan</p> <p><b>ON AIR DATE</b> February 2017</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Ensuring redundancy with seamless protection switching (DRBSS)</li> </ul>	 <p><b>SKY</b></p> <p><b>DESCRIPTION</b> Large-scale audio/video routing system in a hybrid SDI/IP environment.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 2022-6 SMPTe ST 2022-7</p> <p><b>LOCATION</b> Milan, Italy</p> <p><b>ON AIR DATE</b> February 2017</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Flexible routing ecosystem</li> <li>• Open, interoperable</li> <li>• Highly scalable</li> </ul>	 <p><b>SHANGHAI MEDIA GROUP</b></p> <p><b>DESCRIPTION</b> UHD OB track.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 AE567</p> <p><b>LOCATION</b> Shanghai, China</p> <p><b>ON AIR DATE</b> May 2018</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Scale</li> <li>• Flexibility</li> </ul>	 <p><b>SRF</b></p> <p><b>DESCRIPTION</b> New technology building on a greenfield approach without SDI. Full SMPTe ST 210 based on 100% leaf-spine backbone.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 R6C4 SMPTe ST 2029 R6C5</p> <p><b>LOCATION</b> Zurich, Switzerland</p> <p><b>ON AIR DATE</b> June 2022</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• One common backbone throughout the complete building</li> <li>• Flexibility, scalability, future-proof and format agnostic</li> </ul>	 <p><b>SRF</b></p> <p><b>DESCRIPTION</b> Full SMPTe ST 210, uncompressed based HD/UHD, SDI/HDR 24 camera OB-Van.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 SMPTe ST 2029</p> <p><b>LOCATION</b> Zurich, Switzerland</p> <p><b>ON AIR DATE</b> October 2018</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Format agnostic</li> <li>• Scalable</li> <li>• Flexible</li> </ul>
 <p><b>TENCENT VIDEO</b></p> <p><b>DESCRIPTION</b> A video infrastructure capable of both UHD and HD to create unique programming in support of Tencent's NBA distribution contract.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 2022-6</p> <p><b>LOCATION</b> Beijing, China</p> <p><b>ON AIR DATE</b> December 2016</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Scale</li> <li>• Format flexibility</li> </ul>	 <p><b>TENNIS CHANNEL</b></p> <p><b>DESCRIPTION</b> IP layout and production infrastructure at new master control center.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210</p> <p><b>LOCATION</b> Santa Monica, California, USA</p> <p><b>ON AIR DATE</b> December 2020</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Smaller hardware footprint</li> <li>• Simplified architecture, easier operations</li> <li>• Increased flexibility and agility</li> <li>• 4K and HDR UHD support</li> </ul>	 <p><b>TEXAS A&amp;M UNIVERSITY</b></p> <p><b>DESCRIPTION</b> Live sports and events venue.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 Live Production</p> <p><b>LOCATION</b> Texas, USA</p> <p><b>ON AIR DATE</b> June 2019</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Flexibility to take any signal in</li> <li>• 7 major venues seamlessly connected</li> </ul>	 <p><b>UNIVERSITY OF MINNESOTA</b></p> <p><b>DESCRIPTION</b> Live sports and events venue.</p> <p><b>IP TECHNOLOGY</b> SMPTe ST 210 Live Production</p> <p><b>LOCATION</b> Minnesota, USA</p> <p><b>ON AIR DATE</b> September 2022</p> <p><b>IP BENEFITS</b></p> <ul style="list-style-type: none"> <li>• Flexibility to take any signal in</li> <li>• Seamlessly connecting venues</li> </ul>		