



FOR IMMEDIATE RELEASE

Vidyo selected by CERN to Connect 20,000 Scientists for Mass Global Collaboration on High-Energy Physics Research and LHC Experiments

Vidyo Delivers High-End Scalability and Interoperability, Connecting over 600 Institutes and Universities Across 113 Countries Through Video Conferencing

HACKENSACK, NJ – June 12, 2013 – [Vidyo, Inc.](#) today announced it was selected by CERN to support global, large-scale, real-time collaborative video conferencing among a community of 20,000 scientists from over 600 institutes collaborating with the European Organization for Nuclear Research. CERN's Vidyo infrastructure has the scalability and capacity to hold collaboration sessions with hundreds of participants in a single video conference. Scientists around the world use Vidyo's products to collaborate on Large Hadron Collider (LHC) experiments, whose research includes the study of the Higgs boson.

CERN, the European Organization for Nuclear Research, is one of the world's largest and most respected centers for scientific research. On any given day, 3000 CERN-related video connections may occur over Vidyo; some of the meetings are hosting hundreds of users in a single call joining from a variety of personal desktops, mobile devices and room systems. The infrastructure is also being used by more than 300 H.323 room systems either at CERN or in partner institutes. With peaks of up to 750 concurrent users, the traffic is spread over 20 servers worldwide that automatically cascade to enable network efficient mega conferences in one of the largest private Vidyo conferencing deployments in the world.

"CERN's worldwide community of researchers represents 113 nationalities and more than 600 universities so gathering in person to discuss research projects can present quite a challenge. Face-to-face, real-time meetings are crucial to the success of CERN's research mission," said Frédéric Hemmer, Head of IT at CERN. "Because of the scale and frequency of our meetings and the range of devices and technologies that need to be supported, we needed a powerful solution. Vidyo offers a solution that is compatible with a wide variety of operating systems, which is key in our environment; it also provides high scalability that does not compromise the quality of the video. We have been collaborating closely with Vidyo and, thanks to our joint efforts, their solution was able to transparently integrate with the hundreds of different H323 videoconferencing systems previously deployed in the community, which is a big asset for us."

Big Science Demands Big Video Conferencing Capabilities

CERN's ambitious "Big Science" endeavors greatly exceed the scope of what individual scientists or small

teams of researchers could achieve. The experiments at CERN involve thousands of physicists; their equipment is almost unimaginably large and complex, as is the data they generate. CERN's largest accelerator, the LHC, is the largest machine in the world, the fastest racetrack on the planet, the emptiest space in the solar system, and represents both one of the hottest spots in the galaxy and one of the coldest places in the universe. Experiments at the LHC have recently confirmed the existence of the Higgs boson, a subatomic particle believed to give all matter its mass; they aim to discover new fundamental particles and answer questions including whether there are extra dimensions beyond the familiar three dimensions of space and one of time, and what makes up the 95 percent of the universe not accounted for by visible matter.

"The Vidyo solution is able to offer CERN the flexibility and scalability required to enable a massive number of concurrent global users while delivering exceptional video quality," said Ofer Shapiro, CEO and co-founder of Vidyo. "CERN'S growing use of Vidyo - thousands of meetings a month, some with hundreds of participants - demonstrates the potential for massive adoption among geographically dispersed and collaborative communities."

About Vidyo, Inc.

Vidyo, Inc. pioneered Personal Telepresence enabling natural, HD multi-point videoconferences on tablets, smart phones, PCs, Macs, room systems and telepresence installations that interoperate with legacy H.323 and SIP endpoints. Vidyo's infrastructure makes it a leading provider of affordable cloud-based video conferencing technology. The VidyoWorks™ platform allows solution providers to integrate high quality visual communications into their applications, leveraging H.264 Scalable Video Coding (SVC) and Vidyo's patented VidyoRouter™ technology. Learn more at www.vidyo.com, on the [Blog](#) or follow Vidyo on Twitter [@vidyo](#) and on [Facebook](#).

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