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**Mushroom Networks VOIP Armor™ Delivers Consistent, Quality Voice and Video Conferencing to CivilGEO's far-flung Engineers, Developers and Management Team**

*VoIP Armor manages intelligently routes VOIP packets around networking problems, improving phone and video conferencing performance with reduced Internet cost*

SAN DIEGO, CA -(August 11, 2015) – Mushroom Networks, Inc., innovators of Broadband Bonding™ technology, today announced that CivilGEO is using its VOIP Armor™ solution to boost the reliability, quality and service levels of its IP-based phone and video conferencing systems that serve its engineers, software developers and customers around the world.

CivilGEO is a software firm focused on developing advanced engineering software for use in the civil engineering market. The firm has offices in the United States and India, but its product development is done in India, where utilities—including electricity and Internet service—are inconsistent. “You can lose power a few times a day during the monsoon season in our Delhi office and that means all of our three ISPs can suffer some outage or performance degradation,” said Chris Maeder, CivilGEO's Engineering Director.

Even during normal times, the performance of CivilGEO's Voice over IP (VOIP) based phone and video conferencing systems used to fluctuate for various reasons. The ongoing problems severely degraded the quality and reliability, a major concern for a company that relies heavily on these communications tools for daily operations. Not only do CivilGEO's personnel use VOIP to communicate and conduct daily operations, the company uses telepresence robots that require reliable Internet connections in order to work.

Fluctuations in ISP network connectivity, such as high latency, jitter and backbone congestion, directly impact voice quality of VOIP and IP based video conferencing systems. As a result, a VOIP system can experience hissing, crackling, echo or gaps in conversation, or even dropped calls if it relies on a single ISP connection. Based on Mushroom Networks Software Defined WAN Orchestration technology, VOIP Armor intelligently manages and orchestrates multiple ISP links, routing VOIP packets around networking problems and measuring Internet line conditions in real-time to route packets across the optimal network path.

“VOIP Armor is seamless, you plug it and it just works,” said Maeder. “Now after VOIP Armor, we can't even notice if one of our ISPs is down or having network issues. We can't even notice it during our calls. Our VOIP phone calls are crystal clear and calls never drop.”

VOIP Armor is available as a hardware appliance and as a module in Mushroom Networks' Truffle product line. To learn more about CivilGEO's use of VOIP Armor, read the case study at <http://www.mushroomnetworks.com/page.aspx?t=casestudies>. To learn more about VOIP Armor, call 858-452-1032 or visit <http://www.mushroomnetworks.com>.

**About Mushroom Networks**

*Mushroom Networks, Inc., is a privately held company based in San Diego, CA, providing patent pending Broadband Bonding solutions to a range of Internet connection applications. The company's flagship product line serves SMBs, enterprises, multi-tenant buildings, and broadband service providers and bonds dissimilar broadband access technologies forming a single highly reliable broadband pipe that can easily scale based on needs. Mushroom Networks was a finalist for the coveted 2012 San Diego Business Journal Innovation Award, XCHANGE Tech Innovators Xcellence Award, 2007 CONNECT® 'Most Innovative New Product' award, 2008 CONNECT® 'Most Innovative New Product' award, Network World's "top technology trend of 2008" award, and nominated for the best investment opportunity within the fixed telecom sector by Telecom Council of Silicon Valley. For more information, please visit <http://www.mushroomnetworks.com> or call 858-452-1032.*

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