# Ribbon Introduces Hybrid Slicing for 5G Networks Using Xilinx Virtex Ultrascale+ Technology

September 9, 2020

**Innovative solution ensures secured transport and increases network usage flexibility**

WESTFORD, Mass., Sept. 9, 2020 /PRNewswire/ -- **Ribbon Communications Inc.** (Nasdaq: RBBN), a global provider of real time communications software and network solutions to service providers, enterprises, and critical infrastructure sectors, today announced that it has developed a 5G hybrid slicing solution for next-generation networks in collaboration with Xilinx Inc.



"Today's announcement highlights our leadership and innovation in packet optical networking," said Sigal Barda, Ribbon's VP of Product and Head of 5G Portfolio. "Our hybrid slicing capabilities enable operators to simultaneously deliver tomorrow's resource-intensive and low latency 5G services while gaining operational efficiencies from their networks, thereby maximizing the value of their infrastructure investment."

Slicing enables the distinct service classes that are integral to 5G. While hard slicing is necessary to meet the stringent availability, bandwidth and security demands of highly sensitive, ultra-reliable low latency communication (urLLC) services such as industrial automation, robotic surgery and other remote healthcare applications, it is inefficient for less sensitive services. Soft slicing offers more lenient isolation for services with lower critical thresholds.

Operators who leverage hybrid slicing, the combination of both hard and soft slicing on a single network solution, gain the ability to efficiently run all of their traffic on one infrastructure. Hybrid slicing also enables traffic prioritization with a dedicated passthrough for a specified service, delivering guaranteed QoS while avoiding any congestion on the network.

"We value our relationship with Ribbon and the advances we've made in the packet optical networking space together," said Safy Fishov, Vice President of Sales for North America and Europe, Wired and Wireless Group at Xilinx. "Thanks to our leading Virtex UltraScale+ technology, design services, and FLEX-E solution, Ribbon is helping to move the industry forward, offering an elegant hybrid slicing solution to support new 5G use and business cases including network sharing, private networks slices, and new mobile-based services online for gaming and eHealth."

Ribbon will highlight its 5G solutions including hybrid slicing during its **5G Perspectives** virtual event on September 14, 2020.

**About Ribbon**
Ribbon Communications (Nasdaq: RBBN), which recently merged with ECI Telecom Group, delivers global communications software and network solutions to service providers, enterprises and critical infrastructure sectors. We engage deeply with our customers, helping them modernize their networks for improved competitive positioning and business outcomes in today's smart, always-on and data-hungry world. Our innovative, end-to-end solutions portfolio delivers unparalleled scale, performance, and agility, including core to edge IP solutions, UCaaS/ CPaaS cloud offers, leading-edge software security and analytics tools, as well as packet and optical networking leveraging ECI's Elastic Network technology. To learn more about Ribbon visit rbbn.com.  For more information about our Elastic Network technology packet-optical portfolio visit ecitele.com.

**Important Information Regarding Forward-Looking Statements**
The information in this release contains forward-looking statements regarding future events that involve risks and uncertainties, including statement expected benefits from use of Ribbon Communication's 5G hybrid slicing solution. All statements other than statements of historical facts contained in this release are forward-looking statements. The actual results of Ribbon Communications may differ materially from those contemplated by the forward-looking statements. For further information regarding risks and uncertainties associated with Ribbon Communications' business, please refer to the "Risk Factors" section of Ribbon Communications' most recent annual or quarterly report filed with the SEC. Any forward-looking statements represent Ribbon Communications' views only as of the date on which such statement is made and should not be relied upon as representing Ribbon Communications' views as of any subsequent date. While Ribbon Communications may elect to update forward-looking statements at some point, Ribbon Communications specifically disclaims any obligation to do so.

| **Investor Relations** | **APAC, CALA & EMEA Press** |
| --- | --- |
| Monica Gould | Catherine Berthier |
| +1 (212) 871-3927 | +1 (646) 741-1974 |

IR@rbbn.com                cberthier@rbbn.com

**North American Press**    **Analyst Relations**
Dennis Watson                Michael Cooper
+1 (214) 695-2224            +1 (708) 212-6922
dwatson@rbbn.com             mcooper@rbbn.com

C  View original content to download multimedia:http://www.prnewswire.com/news-releases/ribbon-introduces-hybrid-slicing-for-5g-networks-using-xilinx-virtex-ultrascale-technology-301125948.html

SOURCE Ribbon Communications Inc.