



For Immediate Release

AGILE'S CTO PRESENTS ON EDGE COMPUTING AND 5G INFRASTRUCTURE AT INTERNATIONAL WIRELESS COMMUNICATIONS VIRTUAL EXPO 2020

"With Edge Computing expected to garner \$29 billion in investments by 2025 the organizational impact will be substantial and the time to plan for it is now"

Bethesda, MD—September 1, 2020--Agile's co-CEO & CTO, Sheryar Wahid, joined Cisco System's IoT Solution Architect, Mark Davidson, on a LIVE panel hosted by the International Wireless Communications Expo (IWCE) 2020. The topic addressed was "5G, Infrastructure & Connectivity Track: Edge Computing Technology: What Will It Mean for Your Organization." Agile, www.aisinterop.com, is a leading provider of interoperable communications solutions that empower public and private organizations to achieve seamless connectivity in the most challenging environments. You can view Sheryar's presentation here (inset link posted on Agile web site)

Edge Computing, sometimes referred to as Mobile Edge Computing or Multi-Access Edge Computing, primarily refers to bringing processing and storage capabilities closer to where it is needed at the source. It takes advantage of the physical locations to deliver powerful computational and data storage solutions for IoT and cloud-based devices. In practical terms, this means that processing can be done faster, and the data is more accessible. From a technological standpoint, it is already anticipated that traditional cloud computing is insufficient with the estimate that 22 billion IoT devices will be in use globally by the end of 2025.

"As more and more of our daily business and personal activities are reliant on our personal devices and more demands are called upon for speed of data transmission and storage, we are going to desire more than the current cloud services can deliver," said Sheryar. "If I had to leave the audience with three key takeaways, they would be...First, you need to identify the scope of what you really want to process locally on the edge device that will filter what goes back up to the "cloud" side. This will quantify the savings in time, data throughput, efficiency and cost. The second element to consider is the application to be placed on the edge. The hardware placed on the edge device should meet all of your needs, including processing requirements and the amount of local data storage expectations. The third and final element is the communications path, with respect to where it will be placed and making sure that you have built the comms-link to be able to connect from that location wherever it is. With this built comms-link connection, regardless of infrastructure, the connection should be stable throughout to connect to the internet inside a building, a train or other difficult locations, at all times," said Sheryar.

"We are seeing and experiencing first-hand the extremely helpful, and sometimes even lifesaving, requirements for faster, more robust and most important reliable cloud function. We order groceries from our smartphones and have them shipped directly to our doorsteps from Amazon, Walmart, and others. While in quarantine and with limited travel all over the world, Netflix and Spotify have helped relieve our boredom. At critical times when we need medical attention, many of us utilize Teladoc and Livongo to speak with doctors. Most lay folks do not realize "the cloud" that we are vaguely familiar with, allows all this to happen smoothly. "The Cloud" has probably minted more new millionaire investors in the 2000s than any other trend. In the simplest sense, the cloud is just data centers full of supercomputers," said Sheryar.

While Edge Computing is not yet the hot buzzword artificial intelligence (AI), 5G augmented reality (AR), and the Internet of Things (IoT) are just yet, it will be. Cloud computing is great for many of today's

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technologies. But, it is too slow for tomorrow's tech breakthroughs. Studies show an increase in processing speeds by a factor of 30X with Edge Computing and without it, technologies like self-driving cars, IoT, AR and the commercialization of 5G will likely never get off the ground. By 2025, it is estimated Edge Computing will be worth nearly \$29 billion. Forrester Research predicts "explosive growth" and said that 2020 will be the "breakout year for edge computing."

ABOUT AGILE

When wireless, interoperable, mission critical communications are an absolute requirement, business, government, law enforcement, first responders, emergency managers and others turn to Agile, www.aisinterop.com for their solutions.

Agile is the global innovator and leading provider of communications technologies that deliver powerful, solid-state, ruggedized, seamless, lightning-fast speed and the most system flexibility available while offering the broadest range of 4G, 5G and LTE coverage in the industry. Agile's full line of products support both land and marine applications that work today and will tomorrow because they don't require hardware changes or full replacement with each new generation like the competition, helping customers meet most budgets for the foreseeable future.

All Agile technologies are built to be mobile and tough, not static like what's traditionally been offered. Each is an extension of its flagship product, **CORE** (Common Operating Radio Engine). **CORE** integrates Landline, Cellular, Radio, Wi-Fi and Satellite communications in a portable, rugged enclosure supporting incident response and command and control functions. **CORE** represents the state-of-the-art in interoperability and unified incident command systems providing secure communications between multiple parties, agencies, vehicles and IoT enabled devices under the harshest of circumstances.

Agile **CORE** technologies are now available for operation in all settings. The Mobile **CORE** communications hub can be located in an office, vehicle, watercraft (Agile Marine), contained in a backpack (**CORE** Patrol), or ready to go in a portable case (**CORE** CommsKit). Mobile **CORE** is a small, ruggedized and durable device that integrates bonded multi-channel cellular LTE, WI-FI, GPS, and Land Mobile Radio extension capabilities. Combined with the industry's **only** centralized SIM library (**CORE** Center Point), secures valuable SIM cards and distributes them to remote devices as required (in use), saving costs and allowing maximum management of SIM's.

Agile's mission is to be transformative by taking its customers from the dark ages to the leading edge of communications technology. Agile's custom tailored solutions help resolve communications challenges while saving time and money. Designing complete communications ecosystems that meet specialized needs, Agile independent products deliver consistent innovation and efficiency.

Being smart is good...Being Agile is mission critical!

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