ENET Insights

Newsletter, January 2021

Well, 2020 is finally over, and hopefully, as 2021 is ushered in, the new year will be accompanied by better news in terms of world health and economic prosperity.

The telecommunications industry seems to have weathered the COVID storm, even emphasizing the potential of 5G to respond to the greater demand for high bandwidth and low latency from so many people working and learning from home, videoconferencing, and spending their lockdown time as gamers.

As operators now work toward mass deployment of their planned 5G networks in 2021, Ethernity continues to bang the drum for FPGAs as the ultimate technology for accelerating and optimizing performance (both 4G and 5G), and as the ideal underlying platform for open, disaggregated networking. We believe 2021 will be a banner year for 5G and Ethernity both.

As always, I welcome your feedback at briank@ethernitynet.com, and I look forward to the opportunity to work together.

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All the best,

Brian Klaff,
Marketing Director

Ethernity Perspective

Blog Post:
5G Should Take Advantage of Existing PON
PON is certainly the best solution for 5G fronthaul transport, because it is already available and provides one network that supports both broadband and 5G cellular... Read

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Interview:
Ethernity's Marketing Director Speaks with VSA Capital
Brian Klaff discusses Ethernity's technology and leading role in the inclusion of OpenRAN in upcoming 5G deployments for VSA Capital's video blog… Watch

Blog:
Disaggregated RAN Gains Momentum
Disaggregated RAN will take advantage of Network Function Virtualization to afford operators much greater agility and futureproofing of their networks… Read More

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Connect-World Magazine featured David Levi in their special edition focused on wearable technology…
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Press Release:
Ethernity Networks Announces 5G DU vRouter Solution… Read More

Market Intelligence

Article:
Europe's 4 Largest Operators Trumpet Open Network Gateways
by Matt Kapko, in SDxCentral
Four of the world's largest network operators are advocating for broadband network gateways (BNG) to be disaggregated and improved with open software and automation. We suggest they give us a call, since we've had a solution for this for quite a while already... Read More

Article:
Accelerating the Edge by Jennifer Clark, in LightReading
Carriers are augmenting their COTS-based, software-only solutions with FPGAs optimized for networking and security functions. These bespoke platforms utilize FPGA technologies for higher agility, flexibility and scalability, and complement software-only solutions with increased performance and lower latency while freeing up limited and costly CPU cores... Read More

Article:
Dish Network's 5G Aspirations Run Into Reality
by Matt Kapko, in SDxCentral
"We don't spend our time and effort and capital for things we think are going to fail." With it's commitment to OpenRAN for 5G, Dish is "building

Netflix in a Blockbuster world. It's not that Blockbuster didn't work. It did, it just seems pretty archaic"... Read More
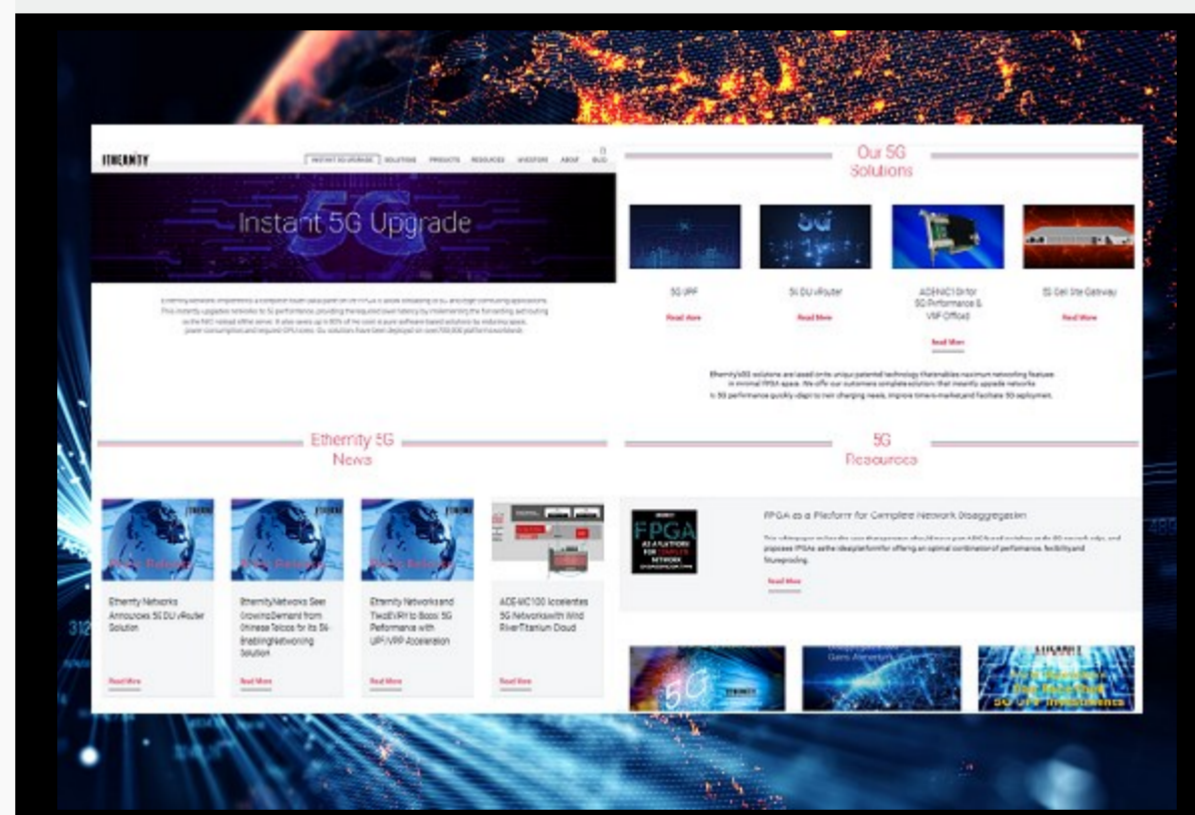
Article:
Vodafone UK Bets the Farm on OpenRAN
by Scott Bicheno, in Telecoms.com
Credit must be given to the visionary operators who are committing to OpenRAN for 5G, essentially serving as the test cases that all other operators will be watching before eventually committing themselves (although maybe only for 6G)... Read More

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