

ENET Insights Newsletter, April 2021



Winter is past us, and spring has sprung. And with spring comes optimism. In Israel, we have begun to emerge from the worst of the COVID pandemic, and there is hope for a return to normalcy in the very near future. While not every country has been so fortunate yet, the hope that vaccinations and smart policy decisions will turn the tide is real.

At Ethernity, we are also feeling optimistic at this time of the year. OpenRAN is making strides toward greater adoption, even by some of the traditional monolithic equipment manufacturers, and 5G continues to progress toward its inevitable mass deployment. Both of these developments bode well for Ethernity.

And yet, spring is not full-blown summer yet. Optimism and hope are great, but rest assured that we at Ethernity are working hard to bring the best FPGA-based networking solutions to market and to encourage operators, OEMs, and system integrators to incorporate our technology and products in their networks. And we are convinced that hard work will pay off.

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, VP Marketing



Ethernity Perspective

About Ethernity: **Seven Key Questions About** Ethernity

We answer the burning questions about who we are, what we do, and what differentiates us from the others... Read More





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Telecom in a COVID World The one-year anniversary of the pandemic is a good time to look back and see how Coronavirus has affected our behaviors and the industry's ability to respond to this new reality... Read More

Blog: The Market for DUs in OpenRAN **Networks**

Whereas in 2021 there are approximately 300,000 DU elements, by 2024 there will be more than 1 million DUs in use in the network to account for open networks with increased throughput... Read More



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total mobile traffic in 2021... Read More





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2021 Trends, Part III: **Operators Demand Router Functionality Integrated into** Servers

As technology becomes ever-more demanding, situations arise where neither external routers nor vRouters running on CPUs work very well.... Read More



Blog:

2021 Trends, Part I: FPGAs **Become the De Facto Platform** for Network Disaggregation FPGAs are the perfect solution to fill the gap between highperforming but inflexible ASICs and highly agile CPUs that struggle with intensive networking functions... **Read More**

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Market Intelligence

Article:

How a New Crop of Vendors is Breaking Into the 5G Core by Mike Dano, in LightReading

Ethernity gets a mention among a group of smaller core vendors currently playing in the 4G sector that could also migrate to 5G in the coming months and years. News flash: we can handle 5G right now, while continuing to offer performance improvement and cost reduction for 4G... Read More

Article:

European Operators Form OpenRAN Cabal by Scott Bicheno, in Telecoms.com

"It is significant that Europe's dominant operator groups have managed to get together and all point in roughly the same direction on this important matter." Maybe the next big step should be that they all agree that they'd be better off with Ethernity inside their OpenRAN? Read More

Article:

Looking Ahead in India: 5G, Open RAN and Fiberization by Gagandeep Kaur, in LightReading

Great timing! Ethernity made its first deal with an Indian OEM in November, we're ready with 5G OpenRAN solutions right now, and we've proposed (and can handle the networking for) the use of existing PON instead of laying new fiber. Seems like a perfect opportunity for us to thrive... Read More

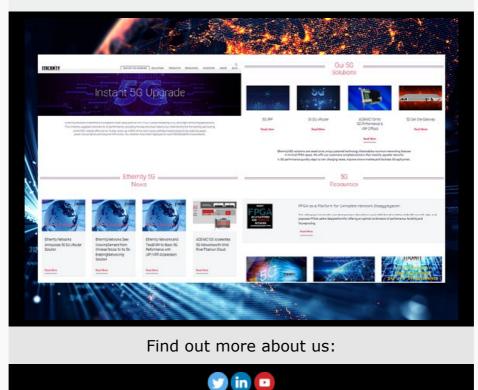
Article:

Hyperscalers Lurk as Telecom Vendors Squabble Over RAN Future by Dan Meyer, in SDxCentral

Ethernity welcomes the hyperscalers to the edge and reminds everyone that whether it's an operator or a cloud provider, our FPGA-based solutions can save up to 80% of the CPU cores required for networking and security in telecom servers... Read More



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