

Is 5G really here? To hear operators tell the story, you would certainly think so. They advertise "nationwide 5G coverage" and "the 5G future is here," but how accurate is that? One British company even advertised "Real 5G" but had to remove the placements because of false advertising.

The truth is that most of the rollouts until now have been 4G Evolved, based on 5G principles, but using existing 4G infrastructure. When an operator claims "nationwide coverage," it is usually referring to remote areas where 4G service was weak to begin with.

But make no mistake... 5G is right around the corner. The same operators who have relied on their 4G backbone to support the initial "5G" rollouts are also investing heavily in building their new 5G infrastructure. And that's where Ethernity comes in... we're ready to provide open, disaggregated solutions that can enable and accelerate the 5G networks so that when true 5G does penetrate the marketplace with mass deployments, the operators will be able offer efficient, high-performance networks.

As we do every quarter, we've collected the latest news reports and posts to keep you abreast of the topics that matter to Ethernity and to our industry. We hope you'll read this newsletter in good health and safe tidings.

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

All the best,

Brian Klaff,
Marketing Director



Ethernity Perspective



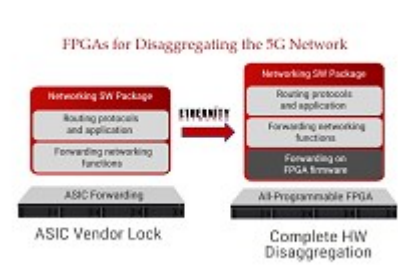
Blog Post:
How Operators Can Pace Their 5G UPF Investments
Ethernity introduces a way for mobile network operators to start with lower-cost servers and a lower-cost SmartNIC, then scale as they gain users and add data-hungry applications to the network... [Read More](#)

Article:
Implications of the Huawei Ban
5G infrastructure is a green field, with virtually no carry-over from legacy equipment. As such, operators can now consider how to replace Huawei with an eye to the future, with less concern about the expense involved... [Read More](#)



Interview:
Ethernity Interview with WhatsNew.tv
Ethernity gets the chance to talk about the potential of 5G and the role our FPGA SmartNIC can play in the disaggregation and acceleration of 5G networks... [Read More](#)

Interview:
What Will the UK 5G Landscape Now Look Like Without Huawei?
Ethernity participated in a roundtable discussion of the state of UK 5G networks now that Huawei has been eliminated... [Read More](#)



Blog Post:
FPGAs for Disaggregating the 5G Network (with an excellent example)
An example of how FPGA SmartNICs can serve as a programmable platform for disaggregation and acceleration of the open 5G network... [Read More](#)

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Ethernity News

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Ethernity Networks Recognized Among Top Ten 5G Stocks Listed in the UK... [Read more](#)

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Ethernity Networks Signs New Contract with Existing OEM Customer... [Read More](#)

Market Intelligence

Article:
Telefónica CTIO: 5G Will Rely on Open Networks by Enrique Blanco, special to Light Reading
Telefonica is one of the world's leading proponents of Open RAN, which embraces the concept of network disaggregation. Ethernity has long said that 5G can only work if operators look beyond the monolithic end-to-end vendors to open, disaggregated solutions... [Read More](#)

Article:
China Mobile Already has 70 Million 5G Subscribers by Scott Bicheno, in Telecoms.com
We've been saying all along that the Chinese market is far ahead of the rest of the world, as China Mobile is but one of the three big players there... [Read More](#)

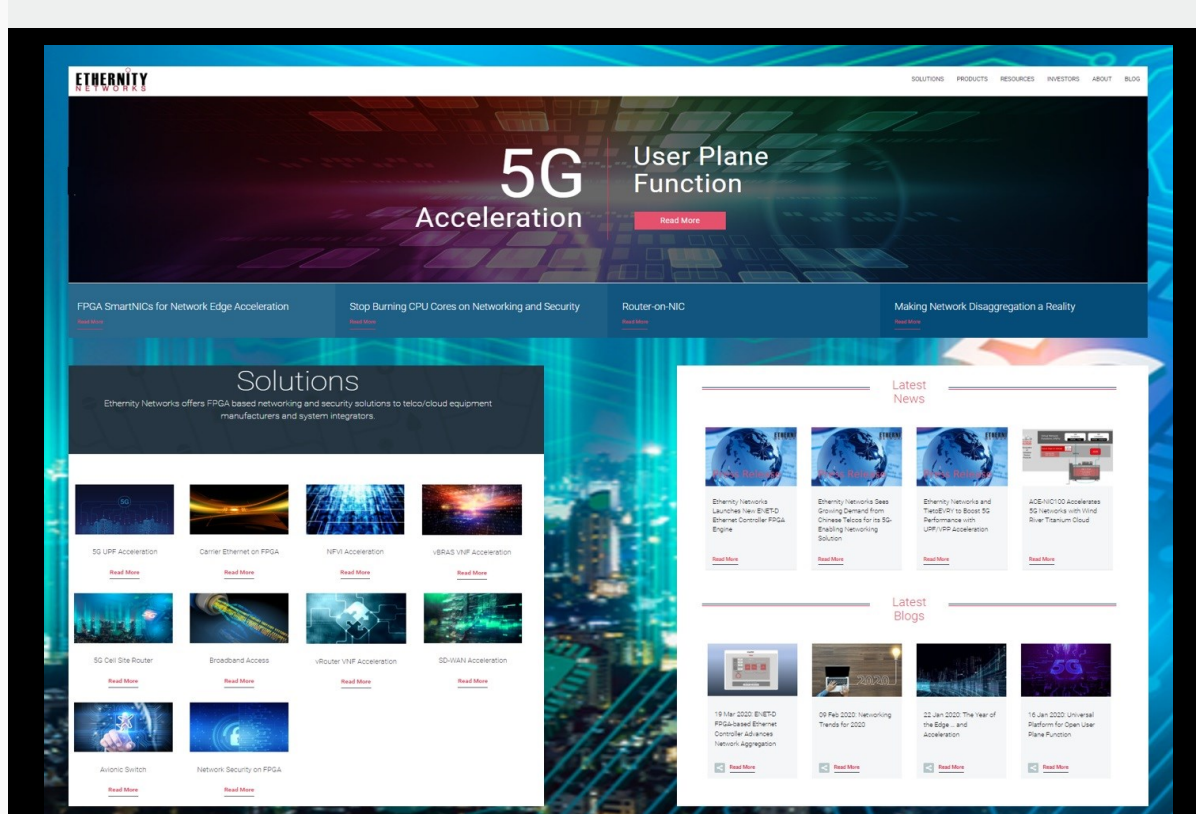
Article:
Transitioning from Disaggregated to Complete Disaggregated Networking by Ray Mota of ACG Research
We are definitely in agreement with the need for complete network disaggregation, but we are firmly of the belief that FPGAs are the correct platform to enable that disaggregation... [Read More](#)

Article:
5G, Untethered From Reality, Lacks Awareness by Matt Kapko, in SDxCentral
We don't agree with the doom and gloom about 5G, which can be a success even if it just lays the infrastructural groundwork for future generations that will deliver on all the promise... [Read More](#)



Wishes You a Happy Jewish New Year

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