



MulteFire Alliance

March 30, 2017

Letter from Leadership

The MulteFire Alliance is off to a great start in 2017. At the beginning of the year, we announced the completion of our first MulteFire technical specification – [Release 1.0](#) – a key milestone in bringing MulteFire to market. Release 1.0 defines an end-to-end architecture and is an exciting development in wireless as it allows anyone to create, install and operate their own private or neutral host MulteFire network.

Currently the Release 1.0 specification is available to Alliance members only. However, I was pleased to share at Mobile World Congress during our Business Opportunities Event that we will be making the **specification publicly available on April 3** for everyone to download. One of our goals as an Alliance is to enable a robust ecosystem – and making Release 1.0 as broadly available as possible is another step to achieving our vision. If you would like to be notified when the specification is posted to our website – [please fill out the form here](#).

Keep reading for more information on how MulteFire will change the wireless landscape and on how to join us.

Sincerely,
Mazen Chmaytelli
MulteFire Alliance President

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MulteFire: A Closer Look

One application area for which MulteFire holds tremendous promise is the booming Internet of Things. An industrial IoT ecosystem such as a shipping port, mine, manufacturing plant or distribution warehouse could benefit today from a self-contained and locally controlled private MulteFire network with dedicated LTE equipment and independent of the surrounding cellular network.

In these scenarios, MulteFire delivers key performance advantages:

- Capacity – delivers high-performance capacity with less access points and designed in interference mitigation
- Coverage – enables superior range, both indoors and outdoors
- Mobility and reliability – meets requirements for low latency, high link stability

- and seamless handover for high mobility devices 24/7
- LTE-based security – supports both SIM & non-SIM credentials and locally routed traffic for privacy
- Future-proof – offers a rich LTE roadmap with VoLTE/voice and IoT optimizations like eMTC

For more insight on the MulteFire opportunity for private IoT, you can access the Harbor Research presentation from Mobile World Congress [here](#).

MulteFire Release 1.0 enables real-world deployments today. The Alliance is also at work on Release 1.1, targeted for publication in Q4, which will add further IoT optimizations.

Upcoming Events: Where to Find the MulteFire Alliance

MulteFire Open Day – New Jersey, 2-5pm, April 25

Hosted by Nokia in Murray Hill, New Jersey

Join us in New Jersey for our first U.S.-based MulteFire Open Day! Open to anyone with an interest in MulteFire technology, the Open Day will feature a presentation and panel discussion that hones in on the new business opportunities enabled by MulteFire for enterprise, industrial IoT and neutral host applications. Attendees will learn how environments such as an airport, hotel chain or shipping port can benefit from deploying a MulteFire network, as well as gain insight into MulteFire's roadmap for future specification releases. The event will conclude with a reception and MulteFire technology demonstrations.

[Register here](#).

Wireless Global Congress Europe, May 8-10, London, UK

The Alliance is partnering with the [Wireless Broadband Alliance](#) to present, take part in a panel discussion, and offer use case demonstrations of MulteFire technology at the upcoming Wireless Global Congress at The Excel in London, May 8-11.

We are also sponsoring the Innovation Stage, hosted in the Innovation Lounge, where we will be providing use case demonstrations of MulteFire technology as part of the Licensed & Unlicensed Technologies track Wednesday, May 10 from 10:30 – 11:00 am.

Be sure to visit our [events page](#) for timing details for MulteFire activities at the Congress and to schedule a meeting with a MulteFire representative.

Recent Events

Mobile World Congress 2017 – February 27- March 2 -Barcelona, Spain

The Alliance recently presented use cases and demonstrations of MulteFire technology in our booth at the annual Mobile World Congress in Barcelona. The booth featured five demonstrations – offered by Qualcomm, Nokia, Huawei, Athonet, and Sanjole. Representatives from each member company were on hand to meet with interested media representatives and potential members.

MulteFire allows anyone to deploy their own LTE-based network and take advantage of the benefits of the LTE technology and ecosystem – namely coverage, capacity, seamless mobility, reliability and security. During our MWC Business Opportunities Event, we took a close look at the new use cases enabled by MulteFire, with a specific focus on enterprise and industrial IoT. We invited Harbor

Research to present its research on the market opportunity for private IoT leveraging LTE and MulteFire solutions – a market Harbor Research forecasts [could reach \\$31 billion by 2020!](#)

We would like to extend our thanks to the participating panelists: Nanda Menon, Athonet; Derek Peterson, Boingo Wireless; Belal Hamzeh, CableLabs; Paul Copping, Digital Greenwich; Mario Bocchiola, Enel; Peter Marx, GE Digital; Ernest Cunningham, Globalgig; Neville Meijers, Qualcomm; Amit Jain, SpiderCloud Wireless; and Martin Wren-Hilton, Talk Talk Group. It was a fantastic line up and the room was quite full with industry attendees, potential members and media representatives.

Our latest [blog post](#) provides highlights from the panel.

Smart IoT 2017 – March 15-16 – London, UK

MulteFire's first time attending Smart IoT in London was a great success. The Alliance hosted a booth on the show floor, displaying use case demonstrations from Athonet, Qualcomm, and Nokia, and experienced a great deal of interest around MulteFire's applicability for IoT applications.

On Thursday, March 16, MulteFire provided a presentation on The Promise of MulteFire as part of the conference's IoT Platforms, Connectivity and Device Management track. Our thanks to the booth representatives and to Dirk Lindemaier, Nokia, for his presentation.

MulteFire in the News



MulteFire Alliance Releases 1.0 Specification – Video Interview with Light Reading

MulteFire Alliance President Mazen Chmaytelli provides an update on the MulteFire Release 1.0 specification for LTE standalone operation in unlicensed and shared spectrum.

Click [here](#) to view the video.



Tuesdays with Roger: Digging into MulteFire with Tech Spec Expert Asimakis Kokkos

Roger Entner, founder and analyst with Recon Analytics, takes a deeper dive into the Release 1.0 specification with MulteFire Technical Specification Group Chair Asimakis Kokkos. Learn what Release 1.0 will mean for telcos by clicking [here](#).

MulteFire Resources

Whitepapers

- [MulteFireRelease 1.0 Technical Paper Download](#)

Archived Webinars

- [451 Research Webinar: MulteFire for Enterprise IT](#)
- [Understanding MulteFire's Radio Link](#)
- [MulteFire's End-to-End Architecture](#)
- [The Promise of MulteFire](#)

Articles

- [MulteFire Unveils WiFi on Steroids With Release 1.0](#) – Telecoms.com
- [MWC 2017: Nokia MulteFire Carrier Aggregation to Boost Network Performance](#) - Telecomlead
- [Exclusive: Boingo CTO Issues 'A Call for Convergence'](#) - RCR Wireless
- [MulteFire Releases Version 1 of Its Specification](#) – IT Business Edge
- [Mazen Chmaytelli, MulteFire Alliance President, Discusses Launch of Release v1.0](#) - ThinkSmallCell
- [MulteFire Alliance Wraps Up Release 1.0 Specification](#) - FierceWireless
- [This Wi-Fi Alternative Wants You to Create Your Own LTE-like Wireless Networks](#) – PC World

Blog

- [MulteFireDelivers: Release 1.0 Specification and Technical White Paper Completed](#)
- [Opportunities for MulteFirein the Medical Field](#)
- [MulteFire Alliance: A Yearin Review](#)
- [Providing Seamless Mobilityfor the Enterprise with MulteFire – 451 Research Webinar](#)

Learn moreabout the MulteFire Alliance [here](#).

The MulteFireAlliance is open for broad, global participation. Interested in joining? [Contact us](#) today for a membership packet.

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