



MulteFire Alliance

March 21, 2019

Letter from Leadership

2019 has gotten off to a great start for the MulteFire Alliance. I'm excited to share that MulteFire technology is ready for commercial launch – keep reading to learn more about “MulteFire Works” and the celebration of this milestone moment in Japan.

We also completed the Release 1.1 specification, delivering a specification that is optimized for IoT use cases and adds support for additional spectrum bands. The specification is currently available to Alliance members, but will be made publicly available later this year.

I'd like to thank all members of our Technical Specification Group that traveled to Members Meetings around the world and worked diligently to evolve MulteFire technology to meet the needs of industrial IoT and Enterprise. Below is a picture of myself and some of the MulteFire team enjoying dinner after a full day of meetings at our January Members Meeting hosted by CableLabs in Louisville, Colorado. We're next traveling to Krakow, Poland for our March Members Meeting and Open Day hosted by Comarch.



We encourage new members to join us as we continue our mission to bring cellular technology operating standalone in unlicensed or shared spectrum to market. Keep reading to learn more about MulteFire traction, resources, upcoming events, and how you can get involved.

Sincerely,

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Mazen Chmaytelli
MulteFire Alliance President

Release 1.1 Specification and New White Papers

The MulteFire Alliance announced the completion of the Release 1.1 Specification in December 2018. Optimized for IoT, Release 1.1 adds support for eMTC-U and NB-IoT-U, as well as support for additional spectrum bands including the 1.9 GHz unlicensed band in Japan. It also extends Release 1.0 capabilities with further enhancements for robust mobility, faster uplink, and extended coverage.

The Release 1.1 specification delivers more robust wireless network capabilities for Industrial IoT and Enterprises to meet their specific requirements for performance, latency, security and mobility. Learn more about the key features in our Release 1.1 [press release](#) and [presentation](#).

Download our latest white papers to learn more about Release 1.1 features and capabilities.

- [Release 1.1 Technical Overview](#)
- [Release 1.1 Enhancements](#)
- [MulteFire for 1.9 GHz](#)
- [MulteFire eMTC-U](#)
- [MulteFire NB-IoT-U](#)

MulteFire Works – Celebrating the Launch of MulteFire in Japan

In February, we hosted an evening reception in Tokyo – [MulteFire Works](#) – to showcase live technology demonstrations of MulteFire technology operating in 1.9 GHz and celebrate the milestone that MulteFire is now ready for commercial deployment.



Mazen Chmaytelli, MulteFire Alliance President and Yoshioki Chika, MulteFire Alliance Board Member and Senior Director, Solution Strategy for SoftBank welcome attendees to MulteFire Works

The recently completed Release 1.1 specification added support for the 1.9 GHz band, also known as sXGP in Japan, which leverages the existing 3GPP Band 39 device ecosystem. There are more than 1 billion mobile terminals that already support 1.9 GHz and several companies have launched eNBs. Participating companies during the MulteFire Works event included Athonet, Baicells, DEKRA Japan, Nokia, Qucell, Quortus, and Sanjole, and it was supported by our industry liaison partner, [XGP Forum](#).

Learn more about MulteFire 1.9 GHz in this [video](#) created by the XGP Forum.

MWC 2019 – Back in Barcelona

Following on MulteFire Works – the Alliance trekked from Tokyo to Barcelona for our annual participation at Mobile World Congress.

Our member companies and industry liaison partners demonstrated their MulteFire technology solutions in our booth in Hall 7, Stand 7F81. This year's showcase featured eNBs that operate in the 1.9 GHz band from Baicells and Qucell, as well as an eNB from Nokia that supports the global 5 GHz band. Athonet, Sanjole and the XGP Forum also participated with solutions for private networks and test equipment.



The Alliance also hosted its annual MulteFire Open Day at MWC to provide an update on MulteFire 1.0 adoption traction, MulteFire 1.1 use cases, and our support for 5G NR-U. Keynote presentations were followed by a joint panel discussion with the Small Cell Forum, and the event concluded with a reception. The room was packed and we were pleased to be able to share our excitement for MulteFire technology, while getting the chance to meet one-on-one with attendees and answer questions.

You can download the keynote presentations [here](#), get MulteFire Alliance Secretary Outi Niemi's take on the Open Day in her blog post [here](#), or watch the panel discussion [here](#).

Upcoming Events

The MulteFire Alliance is traveling the world to bring you the latest information. Check out our upcoming events on where you can meet us to learn more.

MulteFire Open Day – Krakow – 2-4:30pm, March 26
Krakow, Poland; Hosted by Comarch

Hosted by Comarch, we are pleased to invite you to attend our next MulteFire Open Day. This event will feature a mix of presentations from MulteFire Alliance leadership

and the opportunity to meet 1:1 during a reception to get your questions on MulteFire technology, use cases, and deployment models answered. Learn the latest on Release 1.1, the path to 5G, and more.

Reserve your spot by registering [here](#).

MulteFire Open Day at Hannover Messe – 2:00-4:00pm, April 2

Berlin Room, Convention Center, Hannover, Germany

For the first time, the MulteFire Alliance will be hosting an Open Day during Hannover Messe. Join us to learn about Reliable Wireless for Industrial IoT!

During this event, featuring keynote speakers from Nokia and Huawei, you will learn about:

- Traction for MulteFire technology, including insight into the recently announced Release 1.1 specification that is optimized for IoT
- MulteFire 1.0 best practices
- MulteFire NB-IoT-U envisioned scenarios
- MulteFire for Smart Grid applications

Visit our website for the full [event agenda](#). Register [here](#) for your spot today.

Hannover Messe – April 1-5, Hannover Germany

Hannover Fairground

Visit the MulteFire Alliance in Hall 8, Booth F31 during Hannover Messe, the world's leading trade show for industrial technology. Come see technology demos from our member companies, including Athonet, Nokia and Sanjole. MulteFire Alliance experts will also be on hand to share the latest developments in how MulteFire is optimized for Industrial IoT.

Asimakis Kokkos, MulteFire Alliance Technical Specification Group Chair, will be presenting on MulteFire technology during the 5G Forum at Hannover Messe, on Friday, April 5.

To schedule a meeting during Hannover Messe, click [here](#).

Connectivity Expo – May 21-23, Orlando, Florida

Hyatt Regency Orlando

Join us during the Connectivity Expo to learn more about MulteFire technology for private networks; visit us in Booth #822. Karim El Malki, CEO of Athonet and Alliance member, will also participate as a panelist during the Private Enterprise LTE Networks track. He will present on "Simplified Provisioning & Integration for Enterprise Deployments."

Contact us at press@MulteFire.org to schedule a meeting.

New Resources

- Blog: [Understanding Private Networks and the Role of Small Cells](#)
- Video: [MWC 2019: MulteFire® for Private Networks Panel Discussion](#)
- Video: [MulteFire Update at MWC 2019: Interview with Yoshioki Chika, MulteFire Alliance Board Member and Senior Director, Solution Strategy, SoftBank](#)
- Presentation: [MulteFire Open Day – MWC 2019](#)

Learn more about the MulteFire Alliance [here](#).

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

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The MulteFire Alliance | 5177 Brandin Court, Fremont, CA 94538 Phone +1 (510) 492-4026

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