



MulteFire Alliance

October 6, 2016

## Letter from Leadership

Hello and welcome to the first MulteFire Alliance industry newsletter. I would like to thank you for your interest in MulteFire, whether you attended one of our recent webinars or met with us in person at an event. This newsletter will serve as a resource for you on MulteFire technical updates, Alliance news and events, membership highlights and more.

MulteFire uses unlicensed and shared spectrum without requiring an anchor in licensed spectrum, which opens the doors to allowing any operator (fixed, mobile, cable), enterprise or individual to deploy a MulteFire network. Our [new video](#) provides a quick overview of all of the benefits of this exciting technology.

The industry has embraced our vision of enabling non-traditional players to deploy a wireless network, backed by our healthy mix of members including traditional mobile operators and new operators. You can read more about the addition of cable industry heavyweights, Liberty Global and CableLabs below. In addition, the Alliance is set to deliver its Release 1.0 specification in the coming months—demonstrating the significant industry support and momentum behind MulteFire technology. I hope you will join us in our mission to deliver *anew way to wireless*.

Sincerely,  
Mazen Chmaytelli  
MulteFire Alliance President

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## MulteFire: A Closer Look

The MulteFire Technical Specification Group (TSG) is working diligently to deliver the Release 1.0 specification to the industry in Q4 2016. A cross-industry collaboration of representatives from MulteFire Alliance member companies are meeting on a regular basis to finalize the specification and ensure a robust technical ecosystem. Here are five fast facts about MulteFire technology and Release 1.0.

1. **MulteFire is suitable for any spectrum that needs over-the-air**

**contention.** Initial deployments are targeted at the global unlicensed 5GHz band and the shared 3.5 GHz band in the U.S.

2. **MulteFire is based on 3GPP standards.** MulteFire is based on Release 13 LAA for downlink and Release 14 eLAA for uplink. The Alliance's goal is to develop next-gen technology that is widely adopted in global standards, and the TSG is working to ensure close alignment with the existing 3GPP specifications.
3. **MulteFire supports Listen-Before-Talk.** This ensures fair coexistence with other technologies using the same unlicensed bands such as Wi-Fi.
4. **MulteFire supports neutral host deployments.** It is deployable as a standalone network or interworks with legacy and future 3GPP networks.
5. **Certification work is underway.** The MulteFire Alliance kicked off its certification efforts in Q3 with the goal of delivering a certification program in 2017. This program will be critical for enabling a robust MulteFire technology ecosystem.

Gyorgy Wolfner, End-to-End Architecture Workgroup Chair, and Tamer Kadous, Radio Link Workgroup Chair, shared details on the Release 1.0 specification in recent webinars with Light Reading. You can access the webinar archives below.

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## MulteFire in the News

### Liberty Global and CableLabs Join MulteFire Alliance

Cable giants Liberty Global and CableLabs recently joined the Alliance, marking a significant milestone on the path to developing MulteFire technology.

"Wireless connectivity has become critically important for consumers," said Balan Nair, CTO of Liberty Global. "By joining the MulteFire Alliance, we are driving the future of wireless for our customers."

"This step will arm the cable industry with a new wireless technology that builds on our success in providing Wi-Fi and mobile services and complements the industry's fixed broadband technology leadership," said Ralph Brown, CTO of CableLabs.

Read more about this announcement [here](#).

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## Events: Where to find MulteFire Alliance

### Broadband World Forum

Attending the upcoming Broadband World Forum, October 18-20 in London?

We will showcase our member companies' MulteFire technology demonstrations in Booth C10. In addition, Alliance board chair, Stephan Litjens, will present on "Satisfying the Industry's Need for Seamless Connectivity" from 2-2:15pm on Oct. 19.

Please contact [press@multefire.org](mailto:press@multefire.org) to schedule a time to meet during the show.

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## MulteFire Resources

**Broadband  
World Forum**



## Articles and Videos

- [UnderstandingMlteFire: HetNet Happenings - RCR Wireless](#)
- [MlteFireAlliance Prepares its LTE-based Specification for License-exempt Services -TelecomTV](#)

## ArchivedWebinars

- [Understanding MlteFire'sRadio Link](#)
- [MlteFire's End-to-EndArchitecture](#)
- [The Promise of MlteFire](#)

## Whitepaper:

- [MlteFire lights up thepath for universal wireless service](#)

Follow the MlteFire Alliance blog [here](#). Recent posts include:

- [Au RevoirFrance: MlteFire Alliance Concludes Successful Technical Specification GroupMeetings and MlteFire Open Day](#)
- [CableLabs,ExteNet Systems, Liberty Global and Sanjole Join Alliance](#)
- [From CTIA toOpen Day – Globetrotting with the MlteFire Alliance](#)

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

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

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