



MFA[™]

3GPP Market Representation Partner request

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Our evolved MFA mission

A new way to private wireless

- Established in 2015, MFA (MulteFire Alliance) addressed the gap that existed in the 3GPP specifications for LTE-based technology standalone operation in the unlicensed bands.
 - This work has been done under the good cooperation and agreement with ETSI and complements the 3GPP specifications on LAA and eLAA (Releases 13 and 14).
 - Moving towards 5G, MFA sees no need for additional specification work for 5G as MFA is fully aligned and supports the 3GPP NR and NR-U specifications.
 - MFA has recently rebranded to reflect its expanded scope in facilitating 5G private network deployments.
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- Enable technology solutions for private networks for industry verticals such as maritime, logistics, mining, manufacturing, agriculture, and oil & gas
 - Support the commercialization of private networks – using MFA-defined MulteFire specifications for LTE and Technology Blueprints for 5G
 - Educate industry verticals around the globe to identify the appropriate spectrum bands and technologies most suitable for their wireless connectivity

MFA has been very active in conferences and media

- Activities to date:

- Industry events
 - Private Networks Forum
 - Hannover Messe
 - Container Automation Terminal Conference
 - Manufacturing X.O
 - Connect X
 - Wireless Ports in London
- Webinars
 - Introduction to technology blueprints
 - Benefits of bringing 5G NR into unlicensed spectrum
- White papers
 - 5G Private Networks for Maritime Use

- Planned activities:

- Industry events
 - Enterprise 5G
 - 5G Manufacturing Forum
 - MWC Barcelona
 - Hannover Messe
- Webinars
 - Private Network ID Program Launch
- White papers and case studies
 - Targeting industry verticals in warehousing, venues, utilities and agriculture

MFA's pivot to 5G and ecosystem enablement

- MulteFire Alliance rebranded to MFA in June 2021 with expanded support for 5G

Introduced
Technology
Blueprints

Classified
MulteFire® as
legacy 4G/LTE-
based
technology

Awarded a
unique Global
PLMN ID
which will be
made
available to
enterprises

- MFA now seeks to facilitate the healthy growth of the 5G ecosystem with a focus on aspects of Industry Verticals that are not well served by other Alliances. It has begun work to create technical blueprints that will facilitate the implementation of 3GPP technology in vertical industries use cases and provide guidance to key players that will build the ecosystem.
- In this respect, MFA promotes and evangelizes the 3GPP specifications for use cases in unlicensed and locally licensed spectrum, supporting the adoption of 3GPP specifications in vertical industries.





Thank you