



Hewlett Packard
Enterprise

Response to the Public Consultation on the “Draft terms for the allocation of frequencies in the 3.8 – 4.2 GHz band for very high-speed mobile networks for professional needs¹” issued by Arcep

02nd July 2025

¹ CONSULTATION PUBLIQUE Du 2 juin au 2 juillet 2025, *Projet de modalités d'attribution des fréquences de la bande 3,8 – 4,2 GHz pour les réseaux mobiles à très haut débit pour des besoins professionnels* 2 juin 2025

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Introduction

Hewlett Packard Enterprise (HPE) welcomes the opportunity to respond to the Public Consultation on the 'Draft terms for the allocation of frequencies in the 3.8 – 4.2 GHz band for very high-speed mobile networks for professional needs' issued by the Electronic Communications, Postal and Print media distribution Regulatory Authority of France (Arcep) on 2nd June 2025.

HPE is a global technology leader focused on developing intelligent solutions that allow customers to capture, analyse and act upon data seamlessly from edge to cloud. Our edge to cloud vision is founded upon the GreenLake hybrid cloud platform which allows users to operate and securely manage data between their public and private clouds, on-premises infrastructure and edge solutions. Its Aruba Networking division is a global leader in Enterprise Network and Mobility Solutions and the world's second largest provider of Enterprise Class Wireless Access Points. In 2021, HPE Aruba Networking was the first company worldwide to commercially launch an enterprise-grade 6 GHz Wi-Fi Access Point. With the acquisition in June 2023 of Italy-based company Athonet, a leading provider of Private 5G network solutions we further extended our managed connectivity, Secure Access Service Edge (SASE), and edge compute portfolios which enables us to address the private networking needs of both enterprises and telecom network operators even better.

As a leading edge-to-cloud infrastructure provider, HPE fully supports the establishment of a new Connected Collaborative Computing Network (3C Network) to drive forward Europe's end-to-end infrastructure and platforms for telco cloud and edge to leverage new technologies such as AI. Working with our vast network of over 20,000 European channel partners, we support the enablement of the European local ecosystem to drive innovation and strengthen deep tech skills within Europe.

HPE has led society's digital transformation since the very beginning, as one of the founders of Silicon Valley in 1939. Present in Europe for over fifty years, we work with European businesses and organisations to capture, analyse, and act upon data to accelerate business growth and modernise public administrations. HPE is deeply vested in the EU's ambitious digital and green transformations, from SMEs to the public sector, underpinned by strong privacy rules, targeted R&I investment, support for science, and a multistakeholder approach that sustains Europe's openness to innovation and responds to market needs.

HPE is present in all European countries, operating eight innovation centres in the region and manufacturing liquid cooled supercomputers and servers for data driven organizations. Approximately one third of HPE's global workforce of more than 60,000 employees are based in Europe.

HPE's view on private 5G networks

HPE is convinced that the market for private 5G networks holds enormous potential and that in the future, private 5G and Wi-Fi will jointly enable new use cases for customers in which seamless indoor and outdoor coverage will play a fundamental role. We provided details on our assessment in our response to Arcep's Public Consultation on the "Allocation of frequencies in the bands 3410-3490 MHz and 3.8-4.2 GHz in mainland France" of November 4, 2024.

HPE response to Arcep's proposal

HPE commends Arcep for proposing technical conditions for the use of the 3.8 – 4.2 GHz band by professional mobile networks (PMN) that reflect the results of the studies conducted by the ECC as laid down in ECC DEC(24)01.

HPE principally agrees with the provisions proposed by Arcep concerning the frequencies that may be subject to allocation, the frequency use authorizations that will be granted to applicants, the terms and conditions for the allocation of frequencies, and the elements to be included in a frequency allocation application file in the band.

We understand that as part of the licensing process, a static analysis will be performed based on the proposed coverage area of the locally licensed private mobile network site. For coordinating among neighbouring private mobile networks, it appears there is no explicit coordination and that allocation would be on a first-come, first-served basis.

To simplify this task and advance the efficient use of spectrum, HPE encourages Arcep to consider implementing a dynamic spectrum management system (SMS) as a next step. Such SMS could comprise an automated database determining the maximum permissible transmit power levels, depending on transmitter location(s), topology, propagation conditions, and presence of co-channel and adjacent channel users and enable a more dynamic spectrum utilization.

HPE contact information

In case of questions please do not hesitate to contact either of the HPE representatives listed below:

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