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High Altitude Platform Solutions For Today

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Abstract

Throughout the long term, a few terms have been utilized for this kind of airplane, for example, "High Altitude Powered Platform", "High Altitude Aeronautical Platform", "High Altitude Airship", "Stratospheric Platform", "Stratospheric Airship" and "Environmental Satellite". The expression "High Altitude Long Endurance" (HALE), which has now and then been utilized to name HAP, is commonly more connected with customary automated airborne vehicles (UAVs), with administration roof of around 18 km, as the Global Hawk. Presently, the articulation "High Altitude Platform" (HAP), received by the ITU, has been the most usually utilized.

A striking actuality for the HAPs idea was the underlying meaning of a recurrence band for its broadcast communications administrations on the World Radio communication Conference 1997 (WRC-97), sorted out by the International Telecommunication Union (ITU), which manages the guideline of the utilization of radio frequencies. At this gathering, the expression "High Altitude Platform Station" has been built up, characterized as a broadcast communications station situated at an elevation of 20 to 50 km and at a predetermined fixed direct relative toward the Earth. This reality shows that, at that point, there was a developing enthusiasm for HAP use as a supplement to earthbound and satellite-based correspondences organization.

Biography:

Responsible for Satellite business development in North America and expanding ecosystems within Communication Service Providers. Working with companies that are looking to design new solutions, engineer POC's, take advantage of AI/ML to support networks, enable DevOps and automated Testing Solutions, enable Network Functions Virtualization (NFV) and build Software Defined Networks (SDN), provide software frameworks to accelerate growth deployment of new solutions, and design and engineer Cloud ready apps and platforms..

Speaker Publications:

"Security for 5G Solution Deployment, Euro Satcomm 2020, Paris, France , Journal of Electrical and Electronics Engineering, Scitechnol, Volume 9 , Issue 3, 2020

2nd International Conference on Aerospace, Defense and Mechanical Engineering; Webinar- August 17-18, 2020.

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