

IAF BUSINESS INNOVATION SYMPOSIUM (E6)
Entrepreneurship and Innovation: The Practitioners' Perspectives (1)

Author: Mr. Thomas Olson
Center for Space Commerce and Finance, United States, tao@espritdata.com

THE AVEALTO LTD. COMMERCIAL-PROTOTYPE HIGH ALTITUDE PLATFORM PREPARES TO
FLY AS COMPANY EMERGES AS A GLOBAL LEADER IN HAP DEVELOPMENT

Abstract

On January 23rd, 2021, Alphabet subsidiary Loon announced that it was quitting the high-altitude communications business, despite years of research, deals made with customers in places like Nigeria, and hundreds of USmillionsexpended. *Lessthantwoyearsearlier, Thales–Aleniaannouncedthattheirfirstcommercialdemoof* Avealto Ltd., however, begs to differ.

On a fraction of the budgets expended by competitors, Avealto Ltd. is gearing up to deploy the first true commercially viable prototype of a High Altitude Platform (HAP). Avealto HAP vehicles will hold station at an altitude of between 18-25 km. Each Avealto HAP will provide telecom and data infrastructure services within a 240km in diameter area, in unserved or undeserved area of the world.

The authors intend to demonstrate how their HAP vehicle can be deployed and made operational more quickly and at far less cost than other commercial options, including constellations of LEOSATS. Over 3 billion people have yet to join the global conversation. Avealto intends to change that equation, and at a fraction of the cost.