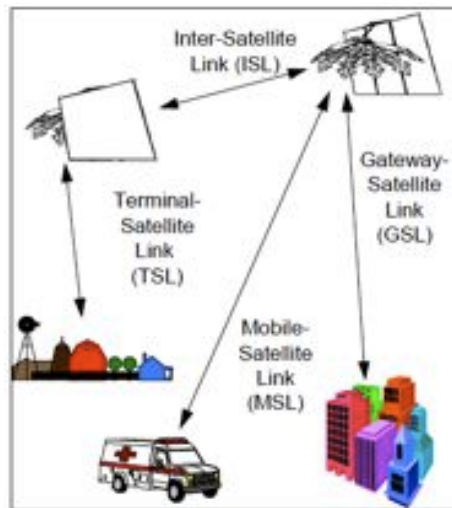
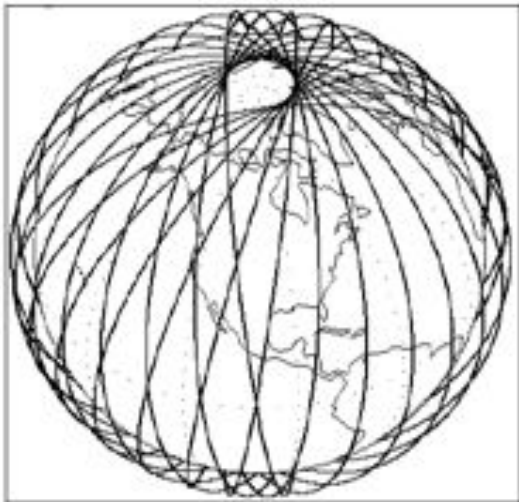


Vern Fotheringham MM/MW and Satcom Visual Vitae

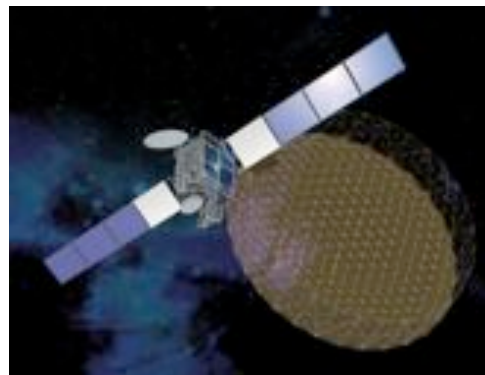
Qualcomm OmniTRACS – Co-Founder and VP of Marketing for the first nationwide Ku-Band mobile satellite system at Omninet.



Calling Communications Corp. / Teledesic – 18/28 GHz LEO satellite constellation – led the initial global market assessment for CCC while a consultant at the Walter Group, Inc.



Digital Satellite Broadcasting Corporation – Founder and Chairman of this Satellite DARS applicant. The technical leader among the S-DARS pioneers with a dynamic reconfigurable S-band antenna feed concept. Lost out in an FCC auction to what became XM and Sirius.





WavTrace – Co-Founder of this pioneering 28 GHz and 39 GHz P2MP base station infrastructure and CPE suppliers that was sold to Harris Corporation. Pioneered low-cost MM/MW RF front ends by refining consumer radar detector technology.



ART – Founder and CEO of the broadband wireless MM/MW service provider from initial inspiration past the first two years post IPO. Captured and exploited 237 licenses in the 39 GHz band nationwide in the US, and five national licenses in EU international markets for this pioneering wireless broadband CLEC



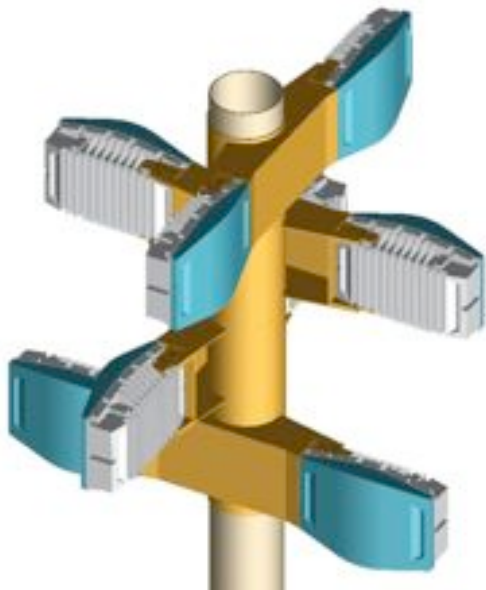
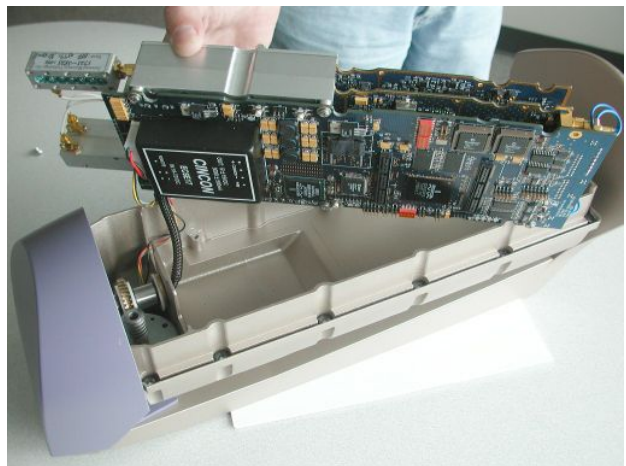
Denali Telecom / Pentriad – Founder, Vice Chairman and Board Member - Global Ku-band and Kq-band satellite system, teamed with Deutsche Aerospace for this linked-Molniya orbit northern hemisphere global network.



Terabeam / Harmonix – Early investor and Board member for this free space optical communications and 60 GHz fixed wireless access hardware manufacturer and technology development organization.



Vectrad – Co-Founder and BOD Chairman of this pioneering TDD-OFDMA fixed metropolitan 80 Mbps broadband access network solution in the 5 GHz UNII band featuring a novel automatically steerable and self-configurable plug-and-play CPE

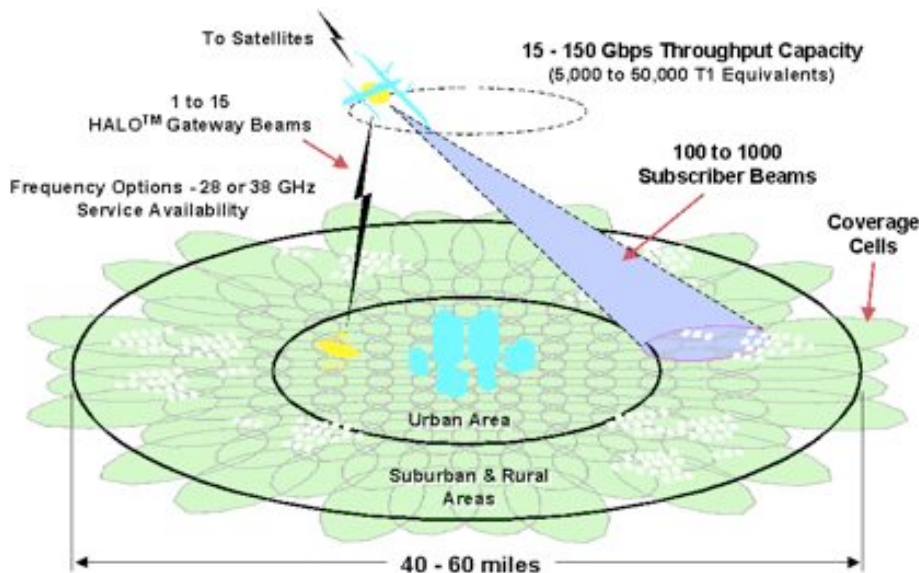




JRC – 24-26 GHz P2MP TDD bases stations and CPE – Advisor to JRC and the initial International Distributor for this 80 Mbps broadband IP access network solution in USA and Canada.

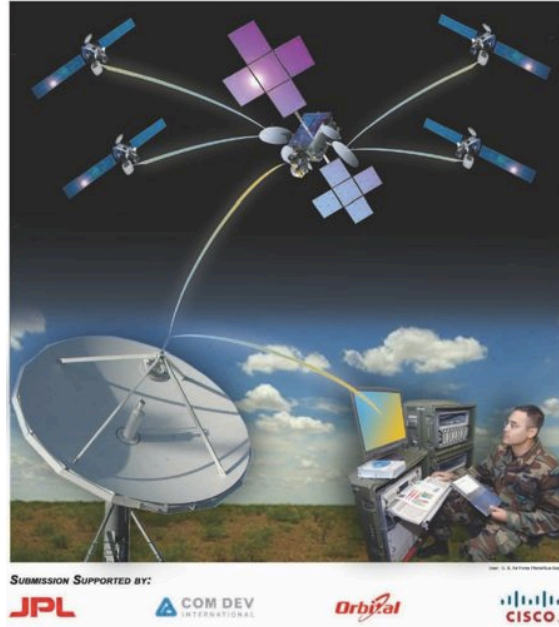
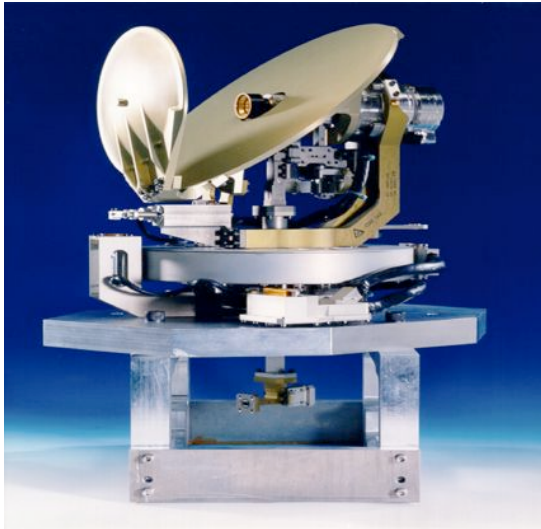


Angle Technologies - Investor and Board Member for HALO (High Altitude Long Operations) telecommunications platform - Using 28 GHz frequencies Raytheon and Angel conducted a demonstration of the first commercial wireless broadband link from the ground using a moving aircraft, providing a 50-mile round trip connection of 52 Mbps (OC-1 rate). The following services were demonstrated over this wireless link: T1 access, ISDN access, web browsing, high-resolution videoconferencing, large file transfers, and Ethernet LAN bridging.



Asyrmatos – Lumera spin-off by Panos Lekkas. 140 GHz pioneer with 10 Gb/s P2P links – Turn-Around Board Member – Provided restructuring support to this venture pioneering the hybridization of RF and Optical components to utilize 10 GHz wide RF channels in the 140 GHz band.

Intelsat General / USAF / CISCO / Aerospace Corp. – Consultant - Provided project management for responding to the USAF RFP for commercial satellite hosted Space Based LAN services. The flight proven antenna solutions are cumbersome and heavy.



XO-Nextlink – Provided consulting services as the Nextlink Acting CTO - Researched MVDDS Ku-band terrestrial systems as a potential new service category. Provided guidance for next generation platform vendors for 28 GHz and 31 GHz based Gigabit Ethernet solutions, and Cognitive Radio R&D for Mobile WiMax and MM/MW systems. Worked closely with numerous university labs to incentivize MM/MW innovation.



GLACIERCOM – LMDS License Owner in the Kalispell, Montana region. Purchased at auction and perfected. Available for conducting 28 GHz and 31 GHz field trials, product testing and experiments. Renewed with the FCC through 2017.

FCC File Number 0003474205
 License WPOH475
 BTA 224
 LDB224A



IPSTAR / IPB – Co-Founded a Pan-Asian initiative for the commercialization of 200 MHz of fallow high power Ku-band DTH transponder capacity on this Thai owned and operated broadband IP access satellite system. The system covers approximately half of the global population. The venture was stillborn due to the political unrest in Thailand, and the on orbit DTH portion of the asset remains unused to this date.

