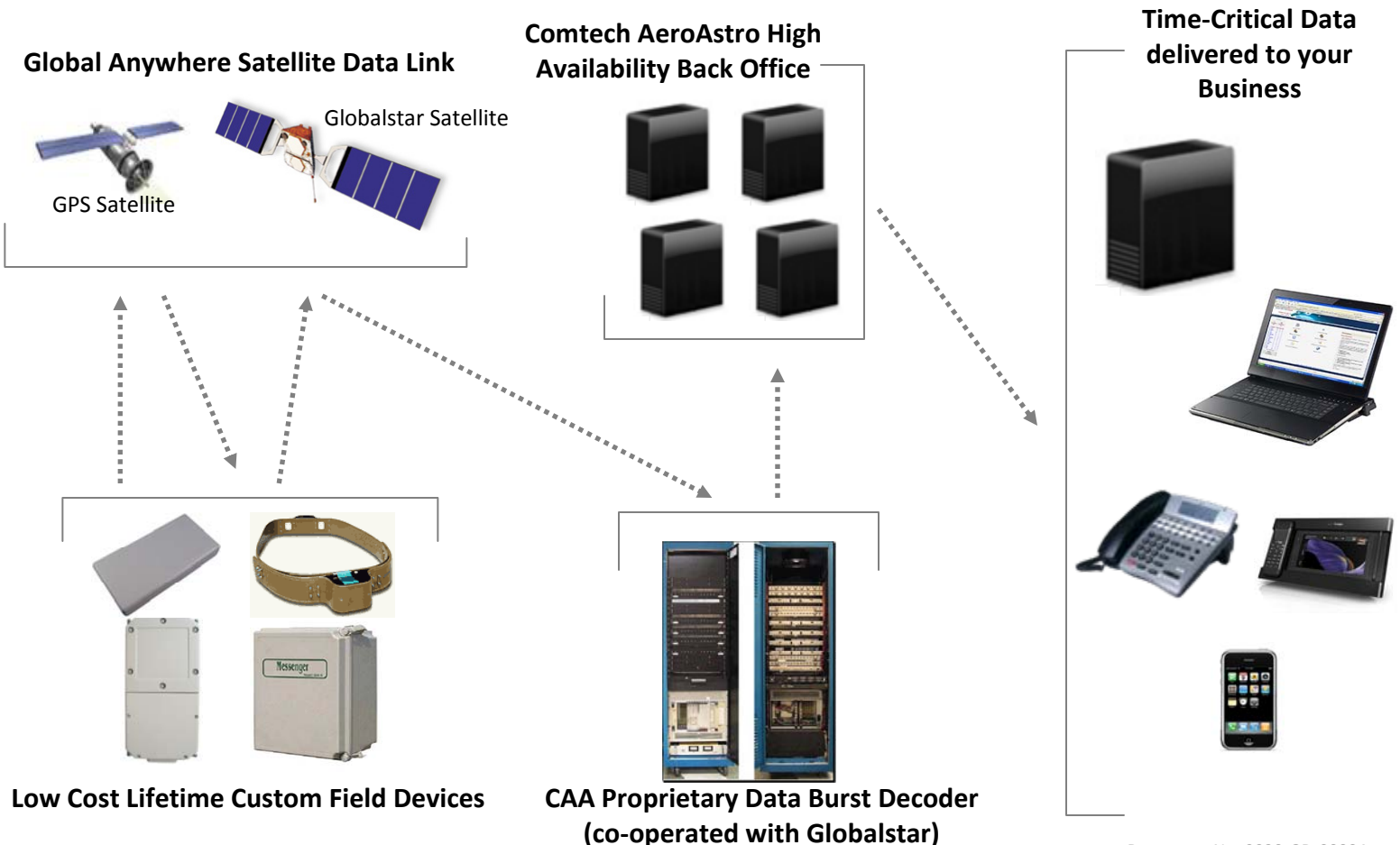


Comtech AeroAstro (CAA), based in Northern Virginia is a leading developer of space and communications systems and components. Since 1988, CAA has designed, developed and manufactures satellites and satellite based products which harness the power of space technology for both government and commercial applications.

The SENS system, deployed in partnership with the Globalstar 48-satellite network and patented by AeroAstro, delivers reliable, low cost communications that allows packet switched data to be sent automatically (on a time or event driven basis) from remote locations where alternative communication systems are unavailable or prohibitively expensive. The technology supports a wide range of sensor reporting including levels of liquid petroleum (LPG) tanks, water tanks, pipelines, electricity meters and sea or land containers.

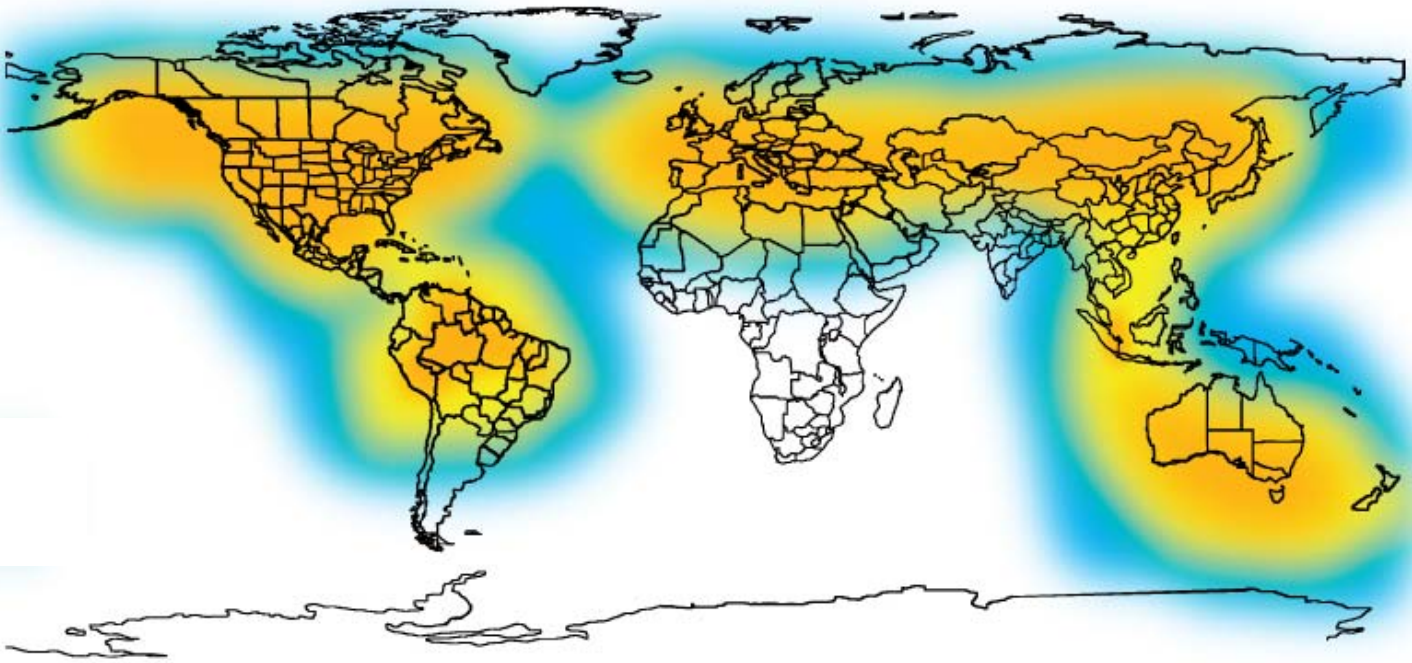
The SENS system uses our patented direct sequence spread spectrum technology, Code Phase Division Multiple Access (CPDMA™), to enable large volumes of simultaneous transmissions from multiple uncoordinated users.




The system consists of an endpoint device containing a modem, the satellite network, a SENS network hub, and a back office data portal. Data is digitized from sensors or GPD in the field, transmitted to the satellites and relayed to the SENS network hubs on the ground, or Appliqués, which receive signals coming from the satellites, digitized them and search for presence of packets. They demodulate and forward the packets to the appropriate Comtech AeroAstro SENS Back office via secure ground data networks, enabling users to retrieve and view the transmitted data securely. The SENS Back Office can forward the data to a user designated location while simultaneously displaying it.



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No rural dead zones – U.S. coverage is 100%



-  Primary Service Area (100 - 98% completion rate*)
-  Extended Service Area (98 - 90% completion rate*)
-  Fringe Service Area (90 - 80% completion rate*)

Completion rates based on Remote Telemetry Units (RTU) that are set to transmit a single packet message 3 times (the original transmission plus 2 repeats) in the frequency appropriate for the given regions.

This is an estimate of coverage only. Actual Remote Telemetry may be based on terminal location terrain feature, signal strength and other factors affecting satellite communications. Coverage may vary, specification subject to change without notice.