



**Remote connectivity
you can trust**

ast-networks.com



Welcome to AST Networks

Visit us online at ast-networks.com to explore our comprehensive range of services and solutions.

At AST Networks, we are an independent full-service communications integrator, providing global maritime, energy and government sectors with reliable hybrid end-to-end remote connectivity solutions.

Alongside tailored hardware and airtime solutions to keep your people, systems and assets connected in the world's most remote locations, our software solutions enable real-time access to your remote operations. Empowering you to make data-driven decisions that enhance performance, improve efficiency, and reduce costs, wherever you are.

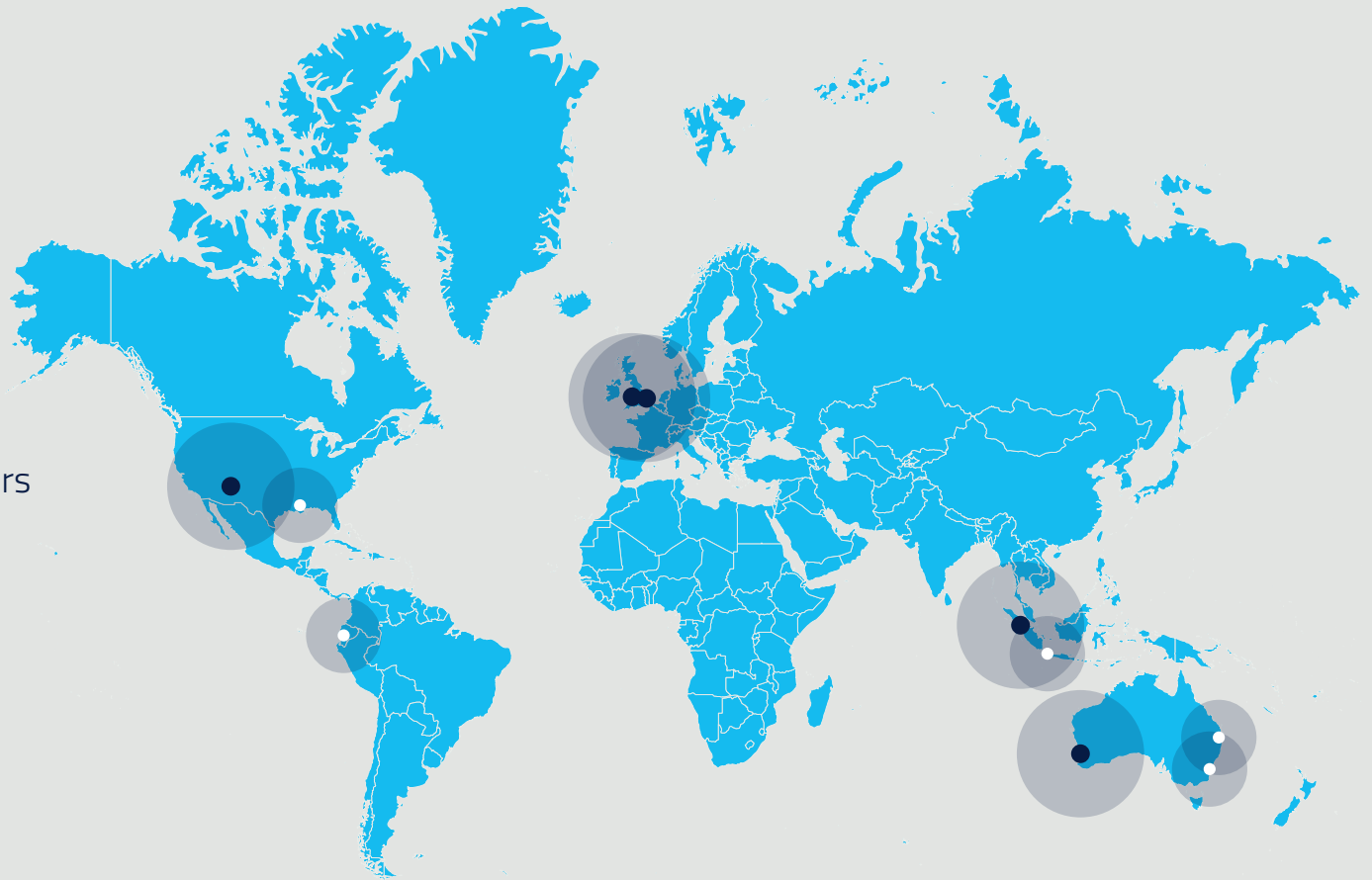
AST Networks deliver trusted connectivity solutions, with over 30 years' experience in solving customers' complex communication needs.



Who we are

- Global reach built on a deep understanding of customer needs
- Present in 6 countries, with 12 locations across the world
- Regionally based field service and engineering teams
- All continents are covered by our Satellite partners and our communication technology in every vertical from Defence to Machine to Machine

Over 100 locations with business partners providing systems and support around the world



Market sectors that we support

As experts in remote communication and connectivity, we have worked with a variety of different industries around the world that seek non-terrestrial methods to communicate, connect and optimise their operations;

Creating tailored solutions to meet specific customer needs;

- Digitalisation
- Crew welfare
- Decarbonisation
- Operational efficiency
- Cyber security

Maritime



- Commercial Shipping
- Offshore Energy
- Commercial Fishing
- Workboats
- Research Vessels
- Ports
- Yachts & Leisure Boats
- Autonomous Vessels

Land



- Government & Security
- NGO's & Environmental
- Utilities & Energy
- Mining
- Comms on the move

AST Networks manages or supports many thousands of operations – continuously.



Key projects in the Maritime, Government and Oil and Gas sectors

We are committed to understanding the needs of your business and providing cost-effective and reliable connectivity solutions that will exceed your objectives

Since 1992, AST has been involved in a wide variety of projects across the globe. A selection of these projects is highlighted in the next slides

VMS - Fishing



- UK government VMS fisheries contract
- Designed & Built hardware & Software
- Fully managed and integrated service
- Supplying Sierra Leone & Malawi

Windfarm monitoring



- Monitoring generators on Wind turbine
- Over 100 sites
- Cut costs and downtimes significantly
- Diagnostics & Alerting
- Communications over GSM

Baker Hughes - West Africa



- To develop a fully redundant secure satellite solution to enable the remote monitoring and control of subsea systems from a floating production storage and offloading (FPSO) vessel or shoreside location.
- Challenge: An umbilical connection was not financially feasible due to the extensive distance between the rig and the FPSO.
- Solution: bespoke satellite solution that provides a secure IP connection to eliminate the need for an umbilical connection.



Projects

We are committed to understanding the needs of your business and providing cost-effective and reliable connectivity solutions that will exceed your objectives.

Since 1992 AST Networks(previously Applied Satellite Technology) has undertaken wide variety of demanding projects across the globe.

From concept to completions.



Key projects in the Maritime sectors

Dry cargo specialist in worldwide ocean transport



- Largest shipping company in Holland
- Global fleets – Dry cargo & specialists
- Supplied voice & data services
- Highly technical – require partner to develop future technology – using our IP

Windfarm monitoring



- Monitoring generators on Wind turbine
- Over 100 sites
- Cut costs and downtimes significantly
- Diagnostics & Alerting
- Communications over GSM

Specialised Reefer Logistics



- Large Dutch Reefer company
- Global fleets – Perishable goods
- Supplied voice & data services for critical & crew communications



Key projects in the Maritime sectors - Government

VMS - Fishing



- UK government VMS fisheries contract
- Designed & Built hardware & Software
- Fully managed and integrated service
- Supplying Sierra Leone & Malawi

Scottish Government



- 5 survey vessels operating in UK
- Pool bandwidth
- Voice & Data services
- Integrated data services to link with secure systems

Patrol Vessel



- Patrol vessels - various
- Onboard secure comms
- Dedicated channels
- Installation
- Training



Key projects in the Oil and Gas Sector

Major oil and gas decommissioning company – North Sea



- To develop a next-generation solution for high-speed internet connectivity via OneWeb
- Challenge: Transform the efficiency of data use in offshore operations via high-speed and low-latency via LEO technology and OneWeb's service.
- Solution: Real-time and Cloud-based asset management system for performance optimisation

ENI, a leading energy company in Australia.



- To provide telemetry and remote connectivity solutions for offshore gas field production that delivers mission-critical power to the country's Northern Territory
- Challenge: Provider's unmanned wellhead platform is categorised as mission-critical. A resilient, secure remote connectivity solution was vital.
- Solution: A resilient solution that enables remote monitoring and control via a VSAT. VSAT connection, a BGAN backup solution is in place to ensure failover.

Baker Hughes - West Africa



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Tailored Solutions

Starting by understanding your unique connectivity challenges, our team of multidisciplinary specialists utilize their networking expertise to configure tailored solutions, integrating industry-leading and cutting-edge proprietary software to meet your specific needs.



Tailored Hybrid Networks

AST is a leading global provider of smart network intelligence and connectivity through our LinkBox+ solution. LinkBox+ resilient hybrid network is fully customisable and can be set up to seamlessly switch between multi-band satellite communication connections, including WiFi, cellular/LTE, LEO and GEO.



Cybersecurity

AST Networks provides a robust cybersecurity support to allow you to carry out operations confidently through built-in intelligent hardware and network controls.



LEO Connectivity

AST Networks offers Eutelsat OneWeb and Starlink game changer broadband internet with high-speed, low-latency and affordable connectivity to users in even the most remote locations across land and sea.



GMDSS

From terrestrial radios, GSM handsets to complete GMDSS compliant solutions, AST has the safety of your vessel and crew welfare covered if disaster strikes, and when communication is critical anywhere in the world.



AST Networks

AST is a leading provider of ka-band and ku-band VSAT. Our connectivity experts design and build maritime VSAT solutions as stand-alone services or as part of a fully managed and integrated onboard connectivity package including primary and secondary communications, LTE and L-Band.



Software solutions

Our innovative software solutions support your business through digitalisation and automation to enhance operational efficiency. Find out more on Page Six.



Our partnership network

AST Networks industry-leading network enables us to deliver the best solutions and services to meet our customers unique requirements.

- Established relationships with the world's leading connectivity providers including Iridium, Inmarsat and Eutelsat OneWeb.
- Global provider of leading innovative communications technology via our manufacturer network.
- Our growing network of independent channel partners is enabling comms in over 50 countries worldwide.



AST Software Solutions

AST's dedicated team of developers who are creating industry-leading software to support with accessing data, managing maintenance schedules, controlling bandwidth usage and ensuring operations are efficient and optimised.

IRAMS | Remote Monitoring & Control

- Industry-leading vessel remote monitoring system
- Monitor Asset Performance & Optimise fuel emissions
- Optimize Vessel Voyage with guidance and weather reporting
- Make informed decisions with real-time reporting
- Automate service forecasting with integrated maintenance system

INTEGRA | Efficient bandwidth management software

- Real-time access to monitor and control data usage, onboard or remotely
- Access insight and data that enables the prioritisation of critical communications
- Make key bandwidth management decisions backed by automated real-time insight.
- The INTEGRA Network has multiple layers of cybersecurity controls to maximise protection against threats

MyASTPortal | Provisioning and reporting platform

- Instant service provisioning
- Online rate plans and invoice downloads
- Monitoring and reporting of your subscriptions
- Access to AST's INTEGRA suite of services
- Web based platform enabling global access on any device



Service and Support

At AST Networks, our professional and knowledgeable experts provide peace of mind with 24/7 technical support and if required, complete outsourcing, covering design, installation, and ongoing maintenance.

- Direct access to the technical support team for Level 1 and Level 2 Incident management.
- Escalation to Level 3 Subject Matter Experts (SMEs).
- Global ticketing platform for customer incident management.
- Dedicated site support Engineers.
- Service Centre for customer hardware repairs.
- Critical Network Notifications available from Client portal.
- Installers and service experience team members located across AST Global offices.
- Training programmes and workshops tailored to your individual business needs.
- Dedicated access to AST Networks pre-sales and engineering team to build the right solution for you.





Are you ready for the
future of connectivity?

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