



# MINING

**The mining industry often involves operating in remote locations, presenting communication challenges that are vital to business operations. AST understands that it is essential for personnel to stay in touch at all times, AST's satellite communications solutions range from simple voice and data, to corporate VSAT bandwidth connectivity solutions - anywhere in the world.**

Our cost-effective solutions provide access to data, internet, radio, telephone, video and satellite television, improving routine operations that are essential for both business and management, as well as improving staff morale.

With nearly 30 years experience in the mining sector, AST are experts in providing all requirements to enable the efficient running of mining sites from initial exploration, construction to production and ongoing maintenance of all communications solutions.

## **AST Offer a truly global connectivity solution**

AST's intelligent global IP network delivers reliable, end-to-end VSAT and L-band connectivity with multi-layered cybersecurity controls, optimised performance and data management capabilities, bringing a more efficient and cost-effective way to achieve global connectivity.

With the largest, most comprehensive global VSAT broadband service available, AST Networks' custom-designed network offers near 100% uptime with a minimum of 10Mbps to support the connectivity needs of customers.

- » A Committed Information Rate (CIR) that guarantees the contracted bandwidth
- » Maximum Information Rate (MIR) that enables temporary "burst" when available
- » AST's network platform supports Automatic Beam Switching (ABS) to allow for overlapping satellites and portable bandwidth
- » Automatic satellite power adjustments ensuring reliable connectivity, even in harsh weather conditions
- » No usage restrictions or Fair Access Policy
- » End-to-end private networks can be provisioned with VPN tunnels or via last mile
- » Connectivity from our PoP to your offices ensuring secure corporate connections
- » All AST solutions are scalable and bandwidth can be increased on demand

## **The AST advantage**

With truly global service and a local presence, AST is uniquely positioned to offer independent, unbiased advice to ensure customers receive the best communication solution to meet their business needs at a cost-effective price, anywhere in the world.

## **24/7 Support & Maintenance**

Providing comprehensive VSAT support from our network operation centre and remote troubleshooting via Team Viewer, AST's 24/7 Global Customer Support team are always on hand for technical support via email, telephone, skype and live chat.

- » Cobham Satcom certified repair centre
- » Fully trained in-house engineering capabilities
- » Installation engineers available locally
- » Customer training (in-house or external)
- » Advanced warranty replacements available
- » Equipment shipped with latest firmware
- » Repairs & advice

AST Networks has provided satellite and radio solutions to all major mining companies across the globe - specific references available on request.

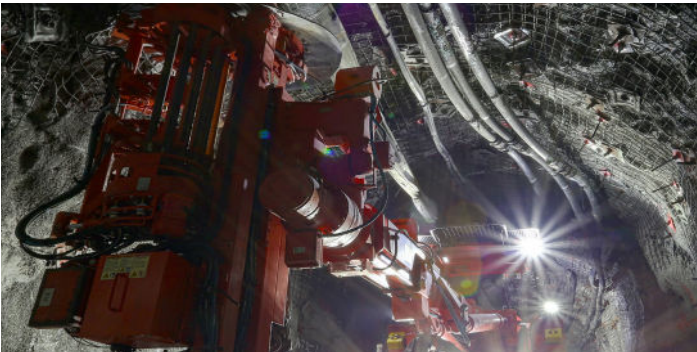
## Construction

During the construction phase, communications will be at their highest with voice and data being used at an extreme rate. During this phase a fixed VSAT system is most often recommended, allowing for high bandwidth usage and full network management via INTEGRA from AST Networks.



## Production

As the mine site progresses into production, the same VSAT system can also enable critical applications such as monitoring of site security, surveillance, access control, alongside asset tracking and management, from anywhere in the world.



## Exploration

Robust communications and high data transfer rates are among the many requirements during an exploration phase. Mobility and the ability to link disparate systems such as radio and satellite can be a more cost effective solution to keeping in touch across large remote areas.



## Global reach. Local presence.

With offices in six continents, AST Networks is able to provide a truly global service with offices situated locally to facilitate urgent requirements or support if needed.

High quality customer service has always been key to AST Networks' success, ensuring high customer satisfaction and confidence.

As an ISO 9001:2015 Quality Management certified company, AST Networks has provided large integrated, complex satellite services for various key projects, both to locally based companies and international corporations.

## Pioneering innovative solutions. The world over.

The AST Group is a global provider of end-to-end satellite communications solutions providing a comprehensive range of terminals and devices, high quality voice and data services, and world-class value added services.

At AST we focus on value and pride ourselves in offering a friendly, professional and personal service. With nearly 30 years of experience in the field of satellite communications, The AST Group is dedicated to providing an unbiased and reliable satellite communication service to customers.