



Key benefits

- 1** See where all assets are in relation to each other alongside other data such as, power status, speed, heading and active data sessions
- 2** Reduce the frequency of expensive site visits by using remote terminal management instead of manual interventions
- 3** Receive alerts and email/SMS messages regarding status even when not logged into IRIS
- 4** Manage all assets across both satellite and cellular networks
- 5** Keep data safe with encryption and built-in cyber safety precautions

IRIS

IRIS is a data and asset management application which supports location based services and terminal management functionality through the BGAN M2M API.

IRIS offers users the ability to remotely manage BGAN M2M terminals, providing a critical component of any M2M/IoT Application. IRIS was developed by Applied Satellite Technology Ltd (AST) in order to enable users to command and control assets, as well as track, locate, geofence and trigger alerts for Inmarsat's BGAN M2M terminals.

IRIS provides command and control capability to users, supporting location based services including tracking, locating, geo-fencing, panic alerting, messaging devices, external email and SMS. IRIS also supports AES 256 encryption and mapping on Google, Bing and Open Street maps.

Situational awareness is the key to informed decision making. With IRIS, the status of BGAN M2M terminals can be seen alongside associated metrics for devices such as sensors in order to monitor performance remotely. Encrypted messaging between the device and application ensures that only authorised users can access data and messages, keeping all information safe.

Advantages

By using Terminal Manager, IRIS users can remotely manage BGAN M2M terminals through a simple online interface. This enables users to remotely reboot terminals, initiate and deactivate data sessions, perform diagnostic tests, update firmware and retrieve log files. The application can be provided as a service or hosted by the customer in their own network environment. IRIS can be provided white labelled for rebranding by resellers or corporate customers.

The remote terminal management offered by IRIS can save significant amounts of money for any organisation that would otherwise use manual management of their BGAN M2M terminals and the automatic alert function, available via SMS and email, enables informed decision making.



Features

- > Rebrand IRIS. White label application available
- > Keep data extra secure. IRIS can be hosted in the customer's own secure network environment where an internet facing application would be inappropriate
- > Export reports. Export reports and share with colleagues
- > Use IRIS on smart devices. IRIS user interface is optimised to use with smart devices

Usage scenarios

There are many instances when BGAN M2M could be coupled with IRIS to complete IoT or M2M applications. When it comes to enabling sensor monitoring, management of 'a perceived threat to life', and creation of an M2M or Internet of Things ecosystem, IRIS provides the answer. If you require: tracking, process control, environmental monitoring, command and control, situational awareness, personnel location

and monitoring, disaster management, system operations and planning, emergency response and geo-fencing, IRIS can provide complete visibility with one simple interface.

Certified application

As part of our CAP (Certified Applications Provider) programme, Inmarsat works with a number of application providers with the intention of ensuring that their applications are not only compatible with our network, but provide our network users with effective, customer-focused applications that offer genuine business benefits, whether they're using the network for voice, broadband, machine to machine connectivity, or all three. Only individual applications approved by Inmarsat are endorsed with the Inmarsat Certified logo.

Disclaimer

Where an application provider's application carries the Inmarsat Certified logo, it means that the application has been certified by Inmarsat to operate over Inmarsat's satellite network. Certification does not mean that Inmarsat is certifying any system design or assumes any liability or responsibility in connection with the application provider's application.

About Applied Satellite Technology Ltd

AST is a worldwide company with a distribution network, offices and warehousing facilities in Asia, Australasia, Europe, Africa and the Americas. AST serves both direct and indirect markets, providing satellite applications sales to; NGOs, Government, Maritime, Fisheries and Emergency Services. AST is a provider of L-band and Ka-band satellite airtime, a GX Partner with Inmarsat (Enterprise, Maritime and Government) and a Distribution Partner for satellite and radio equipment throughout the world. AST is uniquely positioned to offer independent, unbiased advice to ensure customers receive the right communication application to meet their business needs, and at a competitive price.

With a proven track record in delivering high profile projects, AST is committed to ensuring customers are well informed and provides many value added services. The business operates a quality management system that meets the requirements of ISO 9001:2008 to ensure that quality standards are constantly met and improved. A recent addition to this accreditation is ISO 14001, an internationally accepted standard awarded to companies that can demonstrate a proven Environmental Management System.

Find out more

Inmarsat offers its services through a range of partners around the world. Contact us for information to find out how our range of services and certified applications can add value to your business:

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