



Integra Solutions

DATA MANAGEMENT SERVICES FOR SATELLITE COMMUNICATIONS

Through AST's leading INTEGRA suite of services, vessel owners, crew and IT managers are empowered with access to satellite data consumption, giving real-time access to monitor and control data usage enabling efficient bandwidth management.

The service is exclusively available and managed via My AST Portal giving global access to data that puts you in control of your airtime. INTEGRA Services gives you the insight to prioritise critical communications and make decisions on your bandwidth management backed by intelligence.

INTEGRA SERVICES:

- » *INTEGRA See*
- » *INTEGRA CyberShield*
- » *INTEGRA See+*
- » *INTEGRA Control Lite*
- » *INTEGRA Control*





INTEGRA CyberShield

MULTI-LAYERED CYBER SECURITY

- » *Advanced firewalling giving protection from abnormal IP connections*
- » *Intrusion prevention engine – protection against exploitation from known vulnerabilities*
- » *Anti-virus and anti-malware scanning of web content*

INTEGRA See

APPLICATION DATA VISIBILITY

- » *INTEGRA See is available via My AST Portal and is thus available from anywhere in the world via any device*
- » *INTEGRA See provides visibility of top 10 applications by usage in the calendar month to identify data hungry applications*
- » *INTEGRA See can identify encrypted applications utilising the satellite service.*
- » *INTEGRA See shows category level information of applications consuming bandwidth*
- » *INTEGRA See is available via My AST Portal and is available from anywhere in the world via any device*

INTEGRA See+

ENHANCED DATA VISIBILITY

- » *Includes all the benefits of INTEGRA See*
- » *INTEGRA See+ provides three months of historical data, allowing for greater intelligence on satellite usage*
- » *INTEGRA See+ provides in-depth intelligence of application usage within an application category – such as viewing usage by individual email applications within the email category*



INTEGRA Control

REAL-TIME APPLICATION CONTROL

- » *Provides application-level blocking and control. Applications can use multiple IP address and can change regularly*
- » *Allows application or category blocking level of control, to implement strict usage policies*
- » *Allows application-level blocking to stop bandwidth hungry applications. INTEGRA Control also provides bandwidth throttling capability at an application category level*

INTEGRA Control Lite

REAL-TIME CATEGORY CONTROL

- » *Provides real-time threshold email alerting at an application category level*
- » *Allows for category threshold blocking*
- » *Provides real-time alerting based on IP packet flow, providing greater awareness vs CDR based alerting which is a minimum of 15 minutes old*
- » *INTEGRA Control Lite provides real-time control and blocking vs reliance on Iridium billable CDR data which is received once a day for the previous days usage. During this 24-hour period significant data could be consumed*

