



## Dashboard™

All-in-one tool for BGAN, FleetBroadband, SwiftBroadband and Satellite Phone Services

### Features

- > **Online provisioning:** activate, deactivate, suspend, resume and more
- > **High Volume Usage Metering**
- > **Traffic and call type details**
- > **Frequency of call data**

### Gain more control

With Dashboard, users can activate, deactivate, suspend, resume and make other changes to their SIM cards. Dashboard provides a near real-time overview of all traffic usage, rated against the Inmarsat invoice price, which not only includes completed calls, but also calls that are currently in progress.

At the beginning of the new month users can download invoices from Dashboard in PDF format. Also, users can subscribe online for electronic invoices in D91 or CSV format and receive files by email daily, weekly or monthly.

- > Inmarsat Activations will confirm that SB SIM Cards are allocated to customers' accounts and ready for activation via email.

In addition to the above features, Dashboard also provides full credit control and High Volume Usage Metering for all services.

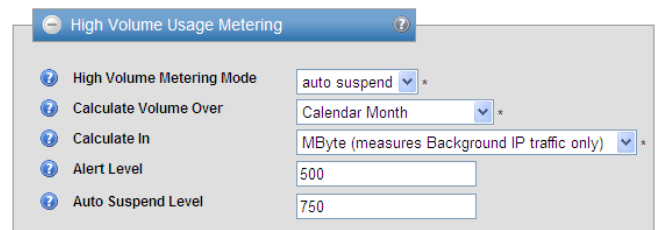
### Full credit control

Customers can assign a credit allowance in dollars either to individual SIM cards, group SIM cards or SCAPs. Users will then be limited to this allowance and thus avoid racking up unexpected bills.

### High Volume Usage Metering (HVUM)

Customers can set a threshold to receive "low balance" alerts and automatically suspend the SIM card when the threshold is reached. HVUM calculates the volume by MB, minutes, messages or dollars by using incoming CDRs over a fixed period of time.

BGAN and SPS prepaid services are also fully supported and users can view their usage information per card.



High Volume Usage Metering

High Volume Metering Mode	auto suspend *
Calculate Volume Over	Calendar Month *
Calculate In	MByte (measures Background IP traffic only) *
Alert Level	500
Auto Suspend Level	750

### Access to Dashboard

Access to Dashboard is available on different levels:

#### Customer

- > All accounts and SIM cards for one Inmarsat partner

#### Account owner

- > All SIM cards for one account

#### Sub-Customer

- > SIM cards that are activated under one customer-ID, allowing provisioning by a customer of our partner's (full provisioning, CDRs without pricing)

#### Service Group

- > All SIM cards under one service group (CDRs with pricing). This service group is created by the Inmarsat customer and can be, for example, one of their own departments

#### Service Group Limited

- > All SIM cards under one service group (CDRs without pricing). This service group is created by the Inmarsat Partner and can be, for example, one of their own customers.

#### End User

- > One SIM card only; no provisioning, CDRs without pricing)

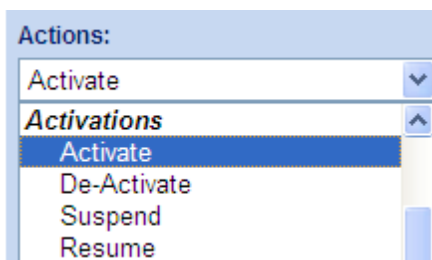
# Dashboard

## Online provisioning

Through online provisioning, customers can:

- > Activate and deactivate
- > Suspend and resume
- > Change service details (i.e. voicemail)
- > Add or remove IP addresses
- > Add or remove ISDN and fax numbers

All provisioning can be future dated for forward planning.



## Detailed information

Dashboard provides detailed Information on your Company and SIM cards

- > Complete installed base, including the history of all performed actions
- > Contact data / Company address and invoice address, plus your Inmarsat contracts

## Traffic and call type

All BGAN, FB, SB and SPS traffic types are included, both for finalized calls and calls in progress. For both types of calls there are two possibilities:

1. Pricing included - this is the same price as on your invoice
2. Pricing excluded - usage information only

Calls with pricing included are available on Customer and Service Group levels while other users can only see usage.

ICCID	Start	End	Orig	Dest	Orig IP	Zone	Unit
898700944412307239	07 Mar 2009 19:00:38	07 Mar 2009 19:30:18	TZA	Terrestrial	250.250.250.0	GBL	bit
898700944412307239	10 Mar 2009 18:32:24	10 Mar 2009 18:41:57	TZA	Terrestrial	250.250.250.0	GBL	bit
898700944412307239	02 Mar 2009 15:39:19	02 Mar 2009 16:09:17	TZA	Terrestrial	250.250.250.0	GBL	bit
898700944412307239	14 Mar 2009	14 Mar 2009	TZA	Terrestrial	250.250.250.0	GBL	bit

## Frequency of call data

The frequency of receiving call data varies:

- > A "call in progress" CDR is received every hour for voice calls, and every 2 MB for data calls.
- > Final calls - these calls are processed and made available after receipt from Inmarsat within 15-60 minutes from when the call is made.

Typical call details include:

- > Time and date
- > ICCID
- > IMSI and primary voice number of the SIM card making the call
- > Called Number
- > Duration
- > Traffic type
- > Origin
- > Destination of the call

## User requirements

To use Dashboard, customers must have Internet Explorer version 6.0 or higher. High level users must have a signed BGAN, FB, SB or SPS Inmarsat contract. High level users can then provide access to lower level users such as service groups and end-users.

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