

# MMS Gateway

## Whitepaper

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[www.iqall.net/mensajeria\\_mmsgateway.html](http://www.iqall.net/mensajeria_mmsgateway.html)



## MMS Gateway

Solve your connectivity and numerical portability problems from and for the MMS (MMSC) World.

The MMS Gateway is a full solution that efficiently solves the sending and routing of messages among multimedia platforms (MMSC).

This product is essential to interconnect different operator's messages platforms by using a Standard high performance protocol(MM4).

In addition, our product solves one of the most challenging problems in the market: the efficient management of highly complex numeration plans and the incipient numerical portability (MMS number portability) needs.

The whole system is managed from an intuitive web based interface; this makes unnecessary to be neither an MM4 protocol nor a multimedia systems messages delivery expert to achieve a dynamic and efficient operation.

Another characteristic of the platform is the control of the messages flux, either by traffic volume or by integration with the cell phone Operator valuation system. This permits solving, in a single platform, problems associated to the traffic in the flux of messages and to implement competent valuation schemes (particularly with pre-paid customers).

The solution includes an advanced statistic and billing module which makes possible to obtain online information about traffic and valuation parameters.

This system can be installed in Linux or UNIX, which allows a fast and effective installation with diverse HW configurations (from a simple economic industrial PC to multi-processor server's clusters).

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# Whitepaper

Cases of use	Interoperability and Intercarrier Messaging	VASP Management	Handling of traffic peaks	Numerical portability

# MMS Gateway



## Operation

Mobile networks are in such a technological stage where there is a clearly increase in the messaging systems' complexity. It is not anymore a simple platform that sends simple messages.

Diagram of use

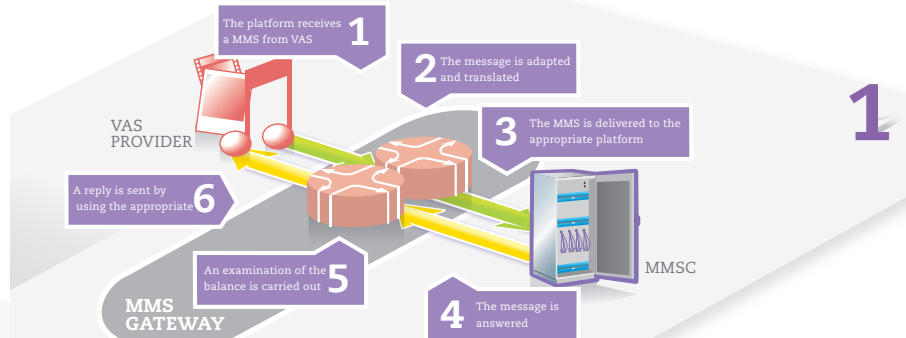
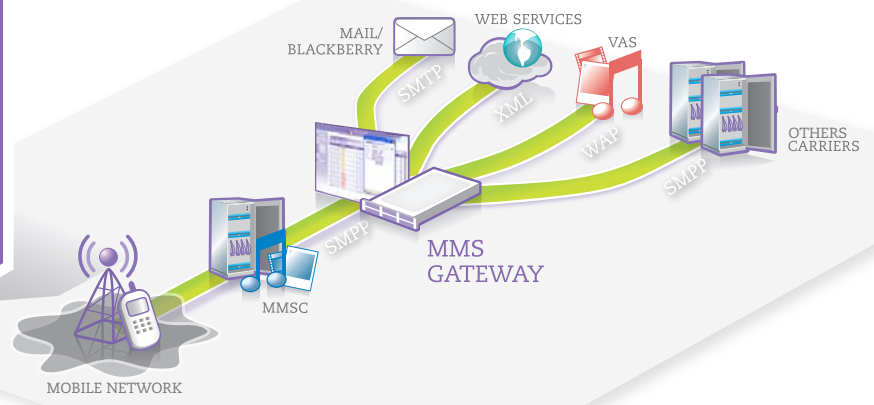


Diagram of the network



## Summary

### Highlights

- MM3, MM4, MM7 and SMPP Protocols
- High capacity and availability
- Optimum interaction with MMSC
- Adaptation of SMS/MMS contains
- Handling of traffic peaks
- Numerical portability
- Simple and intuitive handling

### Features

- High performance and scalability
- Adaptation of Numeration Format
- MMS Intelligent handling
- Guaranteed interoperability MMS
- Prepaid Systems Integration
- Centralized administration of the traffic

## Technical Specifications

Functionality	Functionality Inter-carrier SMS Easy VASP Management Prepaid integration Advanced Numbering Translation Easy Number Portability Implementation Service Based Routing SMS Lawful Interception Store & Forward
Supported protocols	SMPP v3.3 y v3.4 MM3 MM4 MM7
Non Stop Operation	MMS GW can be configured in a cluster operation using an Hot Stand By or Load Balancing Architectures
Supported SMSC	Huawei, Comverse, Ericsson, NowSMS
Capacity	Up to 200 MMS/seg.
Load balancing	Supported
Remote Management	The management can be made by a web based interface using a standard web browser
Hardware	The system can be installed in Linux or Unix environments. No networks adapters or specific HW is needed.
Operative system	Linux and Unix



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