Mbuni:
VASP - MMS Gateway & API

Mbuni Commercial VASP Gateway enables service providers to offer innovative multimedia messaging services (MMS) to subscribers. The Mobile Operator's MMSC provides core network switching of MMS traffic and will expose an interface for 3rd parties to connect and deliver messages. The Mbuni Value Added Service Provider (VASP) Gateway, using special protocols, makes it possible to send photos, videos, audio and other content instantly from these 3rd party services.

Carrier-Grade, Scalable & Reliable, Open Source
Mbuni, has been developed and improved upon by Digital Solutions over the past four years. The Open Source community model has ensured rapid refinement, superior standards-compliance and easy customization/extensibility. Mbuni boasts over 100 VASP installations, and the MMSC version has also been deployed commercially by several live network operators around the world. Mbuni is built to run on a Linux platform with each instance able to support hundreds of MMS messages per second.

Direct Delivery (MM1)
Deliver an MMS directly to a handset, bypassing the operators MMSC, by using SMS & WAP. Device discovery with delivery receipts are possible with additional handset configuration. Some networks may block direct delivery of MMS and therefore a direct MM7 connection may be required.

Inter-operator Routing (MM4)
Mbuni supports full interoperability with other VASP Gateways or MMSC's using the MM4 protocol over SMTP. Mbuni has been integrated to several major vendor MMSC's using the MM4 protocol.

VASP Gateway (MM7)
Mbuni provides full VASP support using MM7/SOAP v6.8.0 and MM7/EAIF protocols. Mbuni supports messaging options for SMIL presentations and SOAP attachments. Mime type masking/pass through options are provided for non-standard types (ex. MP3 masked as a MID). A CGI/HTTP API is provided for simple and flexible content submission.

Digital Rights Management (OMA DRM 1.0)
This module provides Digital Rights Management (OMA v1.0 as well as the older x-drm header) content wrapping inside an MM7 multimedia message (MMS) submission. With this module you can conditionally prevent content recipients from sharing select pieces of content. Mbuni MM7 DRM supports dynamic encoding of SMIL content, SOAP Attachments and non-standard mime types in either Base64 & Binary format based on the recipient handsets capabilities.

Additional Features:
• User Agent Capabilities support for tracking device type
• Delivery Reports
• Flexible message routing and filtering
• Optional SQL database message storage
• Standards compliant

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