



# EMI Mobile Messenger™ SMS Gateway for SAP R/3™



A lightweight SMS application build in SAP R/3 specifically for SAP R/3, that can help eliminate the need for middleware and significantly reduce the cost of interface development and support.

The EMI Mobile Messenger (EMM) is a tool for SAP R/3 developed on SAP Netweaver™ to quickly build any SMS Application imaginable. It allows customers to easily send and receive SMS into and from SAP R/3 to interface with SAP functions: from txt-banking to txt-promotions and beyond.

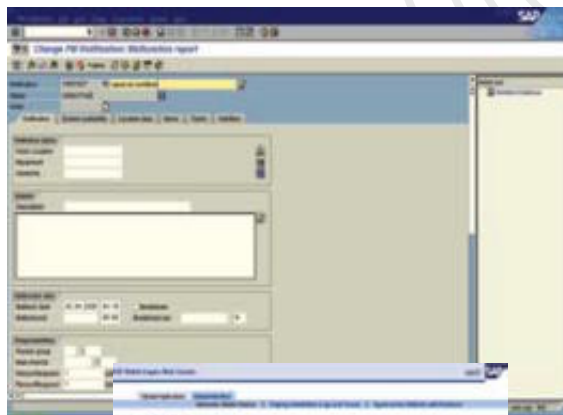
EMM was built for all the SAP R/3 enabled enterprise that requires scalability, reliability, integration and extensibility. It is developed to provide a low cost, flexible SMS sending and receiving tool specifically for SAP R/3. This was primarily to avoid the need for expensive and complex middleware messaging applications and secondarily to reduce the amount of programming involved in interface development. EMM has functionality to automatically detect and process SMS messages, monitor and manage SMS messages and provides an effective framework to process business transactions.



EMM™ was developed by EMI Solution Sdn Bhd; purpose built for the discerning SAP R/3™ enabled corporate who wishes to SMS-enable their business. It is a consolidated way to manage SMS communication and a powerful framework to build complex SMS functionality on.

**SAP® Certified Integration**

**SAP R/3™**



## Innovative .■

The concept is clear and is relatively simple in functionality:

### Outbound SMS from SAP R/3

1. A transaction triggers a user exit or an event triggers an ABAP program.
2. The message processing is initiated by EMM SMS processing module:
  - ▶ Conditional and formatting rules are applied to assign data from the input data source to new output data structure meant for sending as SMS.
  - ▶ Transferring of the details to the SMS engine.

### Inbound SMS into SAP R/3

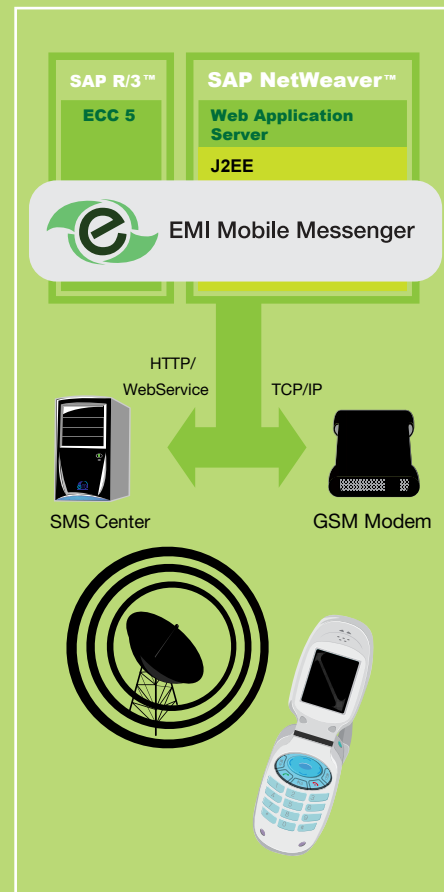
1. EMM SMS engine module receives the message from external sources. Message will be sent to EMM SMS processing module via RFC communications.
2. A nominated business transaction is initiated to process the new inbound sms via and ABAP Program using BAPIs or BDCS, etc

## Creativity .■

- Developed using NetWeaver Development Studio.
- Eliminate the need for multiple solutions from multiple vendors.
- No need for complex middleware and additional hardware.
- Highly functional, cost effective solutions.
- Guaranteed delivery of data.
- Low level of technical skill is required to implement, operate and upgrade. Thus leveraging off the existing IT skill base.
- Fully integrated with SAP R/3 security, data dictionary and ABAP workbench.
- SDK provided to ABAP programs to use the functionalities.

## For Mobile Solutions .■

- Material Management (MM) and Warehouse Management (WM)
  - ▶ Release Purchase Request
  - ▶ Release Purchase Order
  - ▶ Stock level alert
- Production Planning (PP/PI)
  - ▶ Alerts and notifications
- Sales Delivery (SD)
  - ▶ Sales Order creation
  - ▶ Quotation creation
  - ▶ Stock enquiries
  - ▶ Customer information enquiries
- Plant Maintenance (PM) and Service Maintenance (SM)
  - ▶ Release Notification
  - ▶ Release Work Order
  - ▶ Inform the technician for the service
  - ▶ Schedule maintenance
  - ▶ Inform customer when the work done (SM)
- Financial (FI) and Controlling (CO)
  - ▶ Financial information queries and alerts
- Human Resources
  - ▶ Approval for leave application.



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The SAP NetWeaver® platform powers mySAP™ Business Suite, SAP® xApps™ packaged composite applications, and partner solutions. It provides the best way to integrate all systems running SAP or non-SAP software. SAP NetWeaver unifies integration technologies into a single platform and is preintegrated with business applications, enabling change and reducing the need for custom integration.

