Datasheet: bMC Client, Symbian Platform



Symbian bMC Client 2.2

The bMC Client is a Fixed Mobile Convergence (FMC) mobile application running on popular Smartphones. It is deployed in conjunction with the Business Mobility™ Systems bMC Controller systems that integrates with your back-end communication applications. The bMC Client enables the use of your corporate Unified Communication Services, no matter where you are or what network you use (e.g. Cellular or WLAN).

General Features

- Symbian phone becomes a full featured extension of your Enterprise PBX
- Cellular Integration for Incoming and Outgoing calls to force all calls through the PBX
- Voice over WIFI and 3G with Excellent Voice Quality
- Fully encrypted calls¹
- Least-Cost-Routing options²
- Presence and Instant Messaging & SMS¹ to integrate with your Unified Communication Infrastructure
- Interactive Enterprise Voice Feature support¹
- Visual Missed Calls, IM/SMS, Voicemail
 NotificationsNative Contact List Integration, Integrated
 Call Logs
- Supports Deployment and Device Management in conjunction with Mobile Convergence Controller



¹ over WLAN/Packet Data

Truly Mobile Communication

The bMC Client deployed with the Business MobilityTM Systems Mobile Solution enables you to experience true Enterprise Mobility without the usual restrictions or hassles. Access PBX features and Unified Communication Functions such as IM and Presence with your mobile phone from anywhere. Make phone calls without thinking about the cost, because these are minimized through an automated mobile least cost routing (LCR). The client on the device will automatically use the optimal baseband (e.g. WIFI) or cellular route (LCR) without sacrificing quality or features. The bMC Client is your fully featured office desk phone, but in the palm of your hand.

Unified User Experience

Reduce the number of communication devices people use to just one. One Number, one device, one mailbox brings long thought simplicity back to enterprise communications.

Cost Control

As a system that selects the most cost-efficient baseband and the most efficient way (LCR) to communicate, the bMC Solution helps companies reduce Mobile Comm. cost. Dramatic cost savings can already be realized by just deploying the cellular-only solution.

Improve Work Efficiency

Deployed with the bMC Controller, the bMC Client raises the productivity of your workforce by improving communication with the single-number and Unified Communication Features:

- Everybody knows how to get a hold of each other
- One central Voice Mail
- Presence enables determine if someone is available before you call
- Expedite Communication processes through Instant Messaging

² Cellular networks



Simple & Easy to Deploy

The bMC Client is easy to install and deploy. The mobile application can be pre-installed on handsets, provisioned over-the-air or downloaded from a website or an email-attachment. In conjunction with the bMC Controller deployment tool, the installation and configuration is done with just a few clicks.

Supported Handsets

The Symbian bMC Client runs on the S60 3rd Edition and on the more recent Symbian 5th Edition version. Symbian handsets are available from a variety of manufacturers such as: LG, Nokia, Samsung, SonyEricsson.

If you want to use the Voice over Wifi capability of the Client, you need a WIFI enabled device such as:

- Nokia ESeries, for example E51, E52, E63, E71, E72
- NSeries, for example N78, N95, N96, N97
- Samsung Omnia i8910, SonyEricsson Satio, Vivaz
- And more....

The client also runs on all non WIFI devices without sacrificing any features. It uses the cellular data channel in those cases.

Contact Us

Due to fast moving handset market and the different naming in different markets, please do not hesitate to contact us at info@businessmobilitysystems.com for clarifications or more information about supported handsets.

Compatible with all major WIFI Access Points

The bMC Client has been tested with major Access Points such as AVM, Belkin, DLink, Linksys, Netgear, and others.

Compatible with all major Enterprise WIFI Solutions

Testing has been and is being conducted with products from major Enterprise WIFI infrastructure providers, such as 3Com, Aruba Networks, Cisco, Meru Networks, Siemens / Enterasys, Trapeze Networks, Avaya and HP.

Supported Features

- Hotspot / Home Office Support with full Encryption
- Different Modes of Operation from full Dual Mode (WLAN / GSM), to Single Mode (GSM/GPRS) to pure GSM (full usability is maintained in Single-Mode operation by using the cellular network as a simultaneous data channel (e.g. GPRS)
- Guided Feature Invocation with support for Handovers (feature display will be dynamically updated as soon as a data channel such as WLAN / GPRS are available)
- Sophisticated least-cost routing (LCR) functionalities with automatic preference selection
- Instant Messaging and Presence Support

- Support of Over-the-Air deployment via Comdasys bMC Controller and / or external tools
- Multiple SIM card support with Follow-Me functionality
- Automatic Activation of application on phone startup
- Very Simple 3-Parameter Configuration (or automatic configuration generated from bMC Controller)
- WLAN Infrastructure Support with configurable thresholds for improved Access Point to Access Point Roaming. No additional Software required.

Supported Voice Supplementary Services*

- Hold / Resume, Consultation, Toggle, Conferencing (3 party), Blind Transfer, Attended Transfer
- Call Waiting
- Call Pickup, Call Parking / Retrieve
- Direct Call Pickup
- Boss Secretary
- Call Forwarding (On No Reply, On Busy, Always)
- Call Back Busy / Call Back No Reply (Call Completion)
- Calling Party Name Display (name sent from PBX, or name in Cell Phone's Contact List)
- Call Back to Client (for Saving Charges on International cellular calls)

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^{*} Some Features listed here require the PBX to properly support this feature, since the Business MobilityTM Systems bMC solution really integrates with the PBX instead of emulating these features.