

MGCP-BRICKS

MGCP-Bricks from Enea® is a portable software package written in ANSI C implementing the Media Gate Control Protocols (MGCP) in a Media Gateway Controller (MGC) and a Media Gateway (MG).

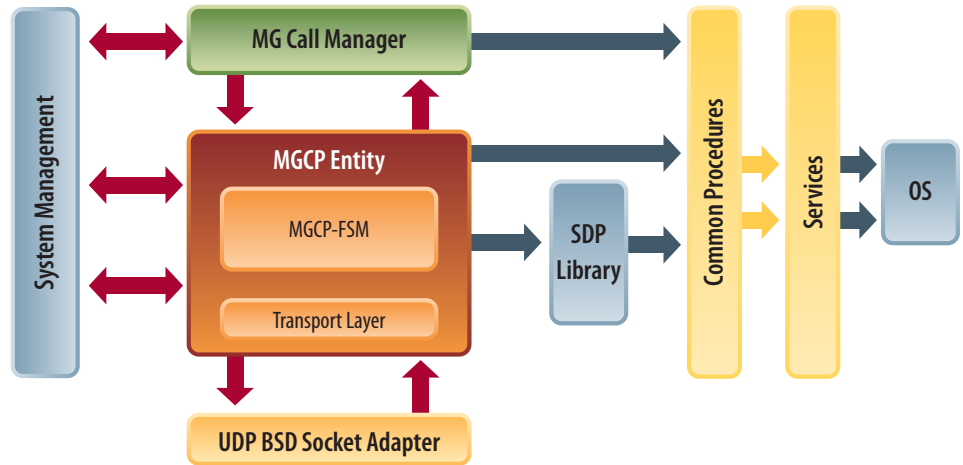
MGCP-Bricks is compliant with the following standards:

- IETF RFC 3435 (MGCP 1.0 obsoletes RFC 2705)
- Packet Cable Call Signaling Protocol
- IETF RFC 2327 (Session Description Protocol)
- IETF RFC 3660 (Basic MGCP Packages)

MGCP-Bricks facilitates millions of transactions each day in our customers' applications.

It also supports the following features for both Media Gateway Controllers and Media Gateways:

- UDP convergence layer
- MGCP messages (including SDP session description) text encoder/decoder
- Support of all transactions
- Support of the following event/signal packages: GM, DTME, MF, Line, Trunk, RTP, NAS, supplementary services tones, digit map extension, signal list, media format parameter, resource reservation
- MGCP finite state machine with security procedures over UDP
- Dynamic provisioning and re-provisioning
- Support of multiple instances and both sides MGC and MG on a single system



MGCP-Bricks is based on Enea's NETBRICKS architecture using object-oriented design and a message-passing mechanism for inter-entity communication. MGCP-Bricks interfaces to UDP through BSD-like Sockets. Interfaces to many commercial operating systems are available, including Microsoft Windows NT/2000/XP®, RedHat Linux®, MontaVista Embedded Linux®, Solaris® (32/64 bit), VxWorks®, AMX®, Nucleus®, PSOS+®, Enea OSE®, RTC®, VRTX®, and many others.

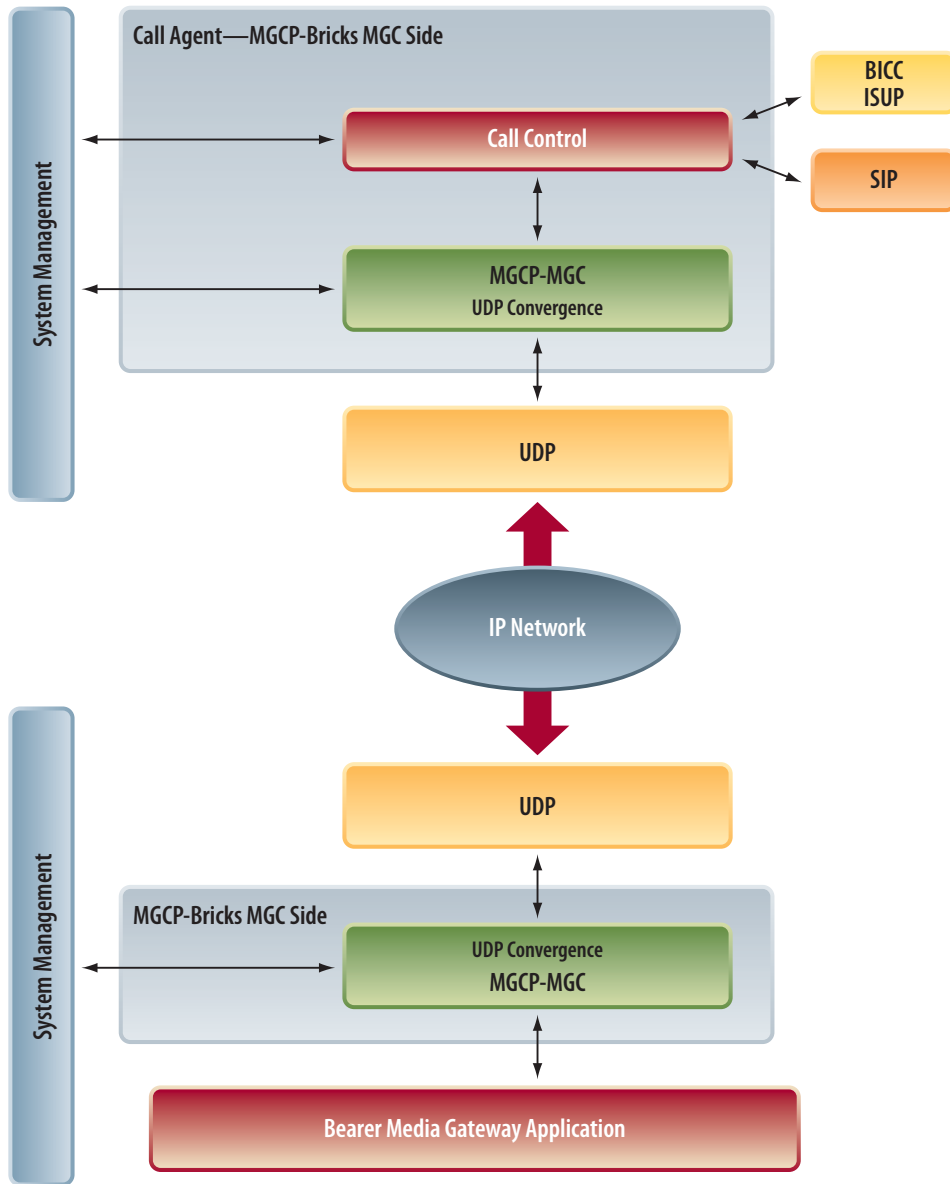
MGCP-Bricks is designed for the OEM market. Enea can develop custom products based on MGCP-BRICKS technology according to customers' specifications. For more information please visit www.enea.com/netbricks.

MGCP-BRICKS SOFTWARE ARCHITECTURE

MGCP-Bricks consists of the following components:

- **SYSTEM MANAGEMENT: SM**
- **UDP BSD Socket Adapter:** BSD sockets convergence layer
- **MGCP:** MGCP entity (MGCP FSM, Transport Layer) useable in both MG and MGC
- **SDP Library:** SDP encoding/decoding routines common to Netbricks NGN software products: SIP-Bricks, MEGACO-Bricks
- **MG Call Manager:** a Media Gateway Customizable Application that eases and simplifies Media Gateway development

MGCP-BRICKS SOFTWARE ARCHITECTURE



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