TECHNICAL SPECIFICATIONS

Specifications >>>

Functions	Description
Monitoring Units	Wired : Max. 64 units
	Wireless : Max. 16 units
Supported Device Model	BM3, BM5, (BM3 Lite, BM3 Plus)
Network	Wired : LAN
	Wireless : W-LAN (communication distance : 30m)
View Mode	2, 4, 8, 16, and 32 Monitors View Mode
Patient Data Storage	According to storage amount
Alarm	Sound and Display
Communication Type	Bi-directional control
Reviewer	Alarm, Waveform, Graphic Trend, and Tabular Trend
Print and Report	4 kinds of Report Form : Alarm, Waveform,
	Graphic Trend, and Tabular Trend
Certificate	CE 0123
HIS/EMR connection	HL7 support
Supported Languag	English, Italian, French, Spanish, German, Chinese,
	Russian, Polish, Czech, Turkish, Romanian, Portugues,
	Bulgarian, Korean

Configuration >>>

110324-010000   BMCentral System (Wired LAN)

Order No.	Description	EA
110324-030000	Software BMCentral CD	1
151900-045300	Lock Key Central Software (USB Memory)	1
152600-023700	Op Manual/EN/BMCentral	1
151900-038900	Desktop PC (with monitor)-Dell	1
152600-020900	ACC. PC Speaker (Central)	1
151900-039100	HUB 16Port 3COM 16p 3C16470 10/100M	1
151900-039700	Cable LAN 30m	8
151900-039800	Cable LAN 5m	1

110324-020000   BMCentral System (Wireless LAN)

Order No.	Description	EA
110324-030000	Software BMCentral CD	1
151900-045300	Lock Key Central Software (USB Memory)	1
152600-023700	Op Manual/EN/BMCentral	1
151900-038900	Desktop PC(with monitor)-Dell	1
152600-020900	ACC. PC Speaker (Central)	1
151900-039300	Wireless Access Point (WHR-HP-G54)	1
151900-039400	Wireless Ethernet Converter (WLI-TX4-G54HP)	8
151600-005000	Cable BM5 W-LAN 5.0 DC	8
152300-010800	Bracket W-Lan Holder	8

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201607-BionetBM Central-R1.0

Patient Monitoring Central System

BMCentral

- Monitoring up to 64 beds simultaneously using wired LAN
- Wireless LAN available for monitoring up to 16 beds to 30m
- Bi-directional Control
- Up to 14 languages support
- CE Approval
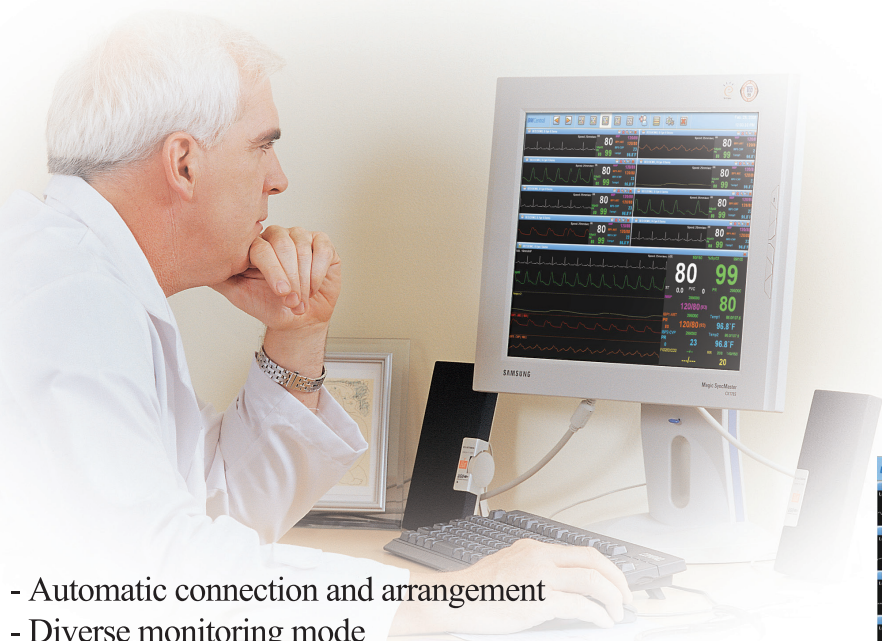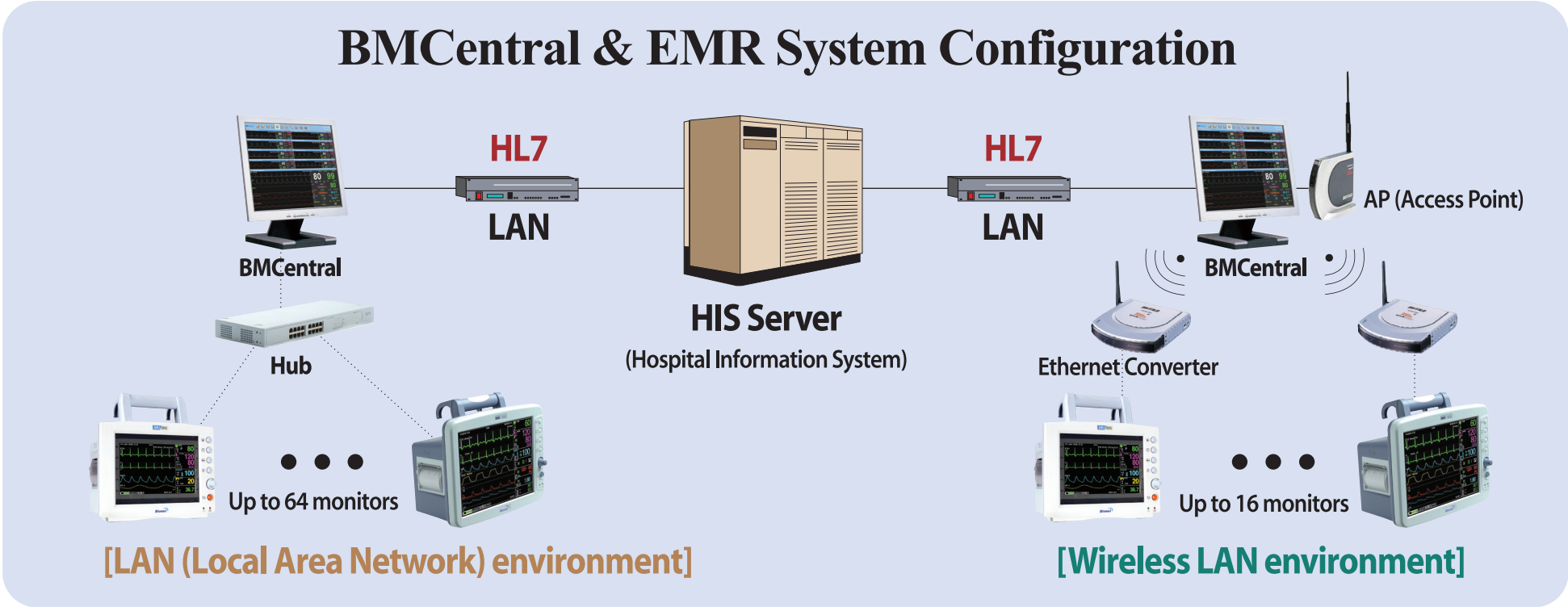- HIS/EMR connection support by sending HL7 message
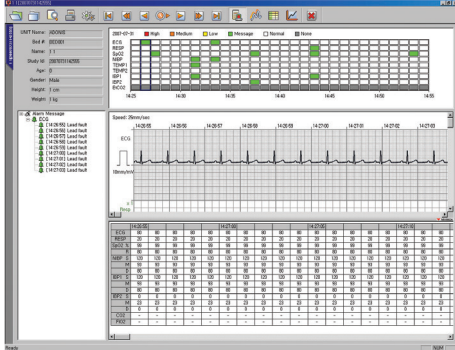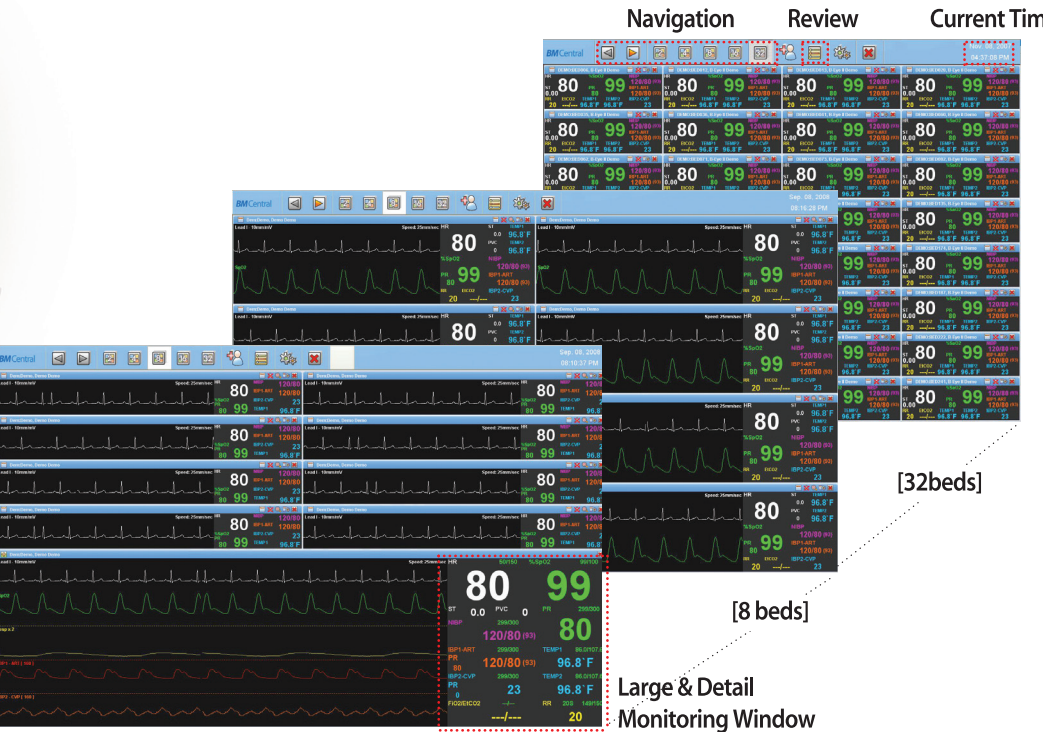

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BMCentral is...

The BMCentral system supports centralized monitoring environments through powerful networking capabilities.
It allows the user to monitor and extract the exact status of several patients simultaneously from one location.
Convenient bi-directional communication allows you admit new patient information, set alarms at either central station or patient monitor.
Easy to use and cost effective expandable system!

- Monitoring 64 beds is available using Wired LAN
- Monitoring 16 beds is available using Wireless LAN
- All BM series can be connected
- Bi-directional communication with Patient Monitors
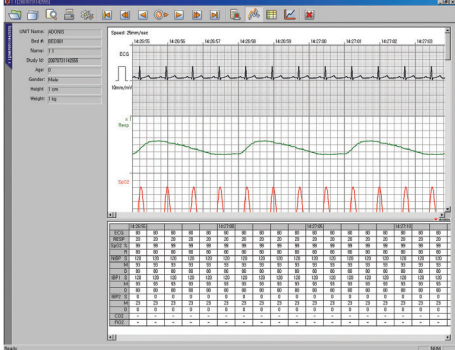- HIS connection (Hospital Information System) : Sending HL7 message with MFER file

BMCentral & EMR System Configuration

BMCentral

Hub

HL7

LAN

HIS Server
(Hospital Information System)

HL7

LAN

AP (Access Point)

BMCentral

Ethernet Converter

Up to 64 monitors

Up to 16 monitors

[LAN (Local Area Network) environment]
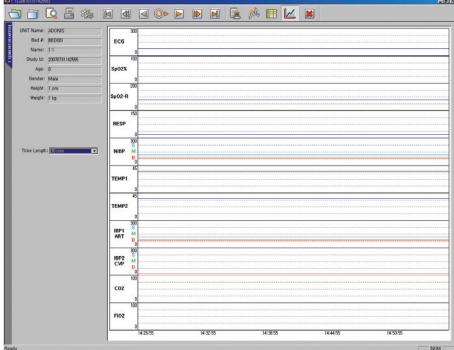
[Wireless LAN environment]

- Automatic connection and arrangement
- Diverse monitoring mode
    - 2,4,8,16 and 32 Channels view mode
    - Large & detail monitoring window
- Parameter, waveform, alarm information are saved
- 4 Kinds of review mode and report form are provided
    - Alarm, Waveform, Graphic trend, Tabular trend

Navigation   Review   Current Time

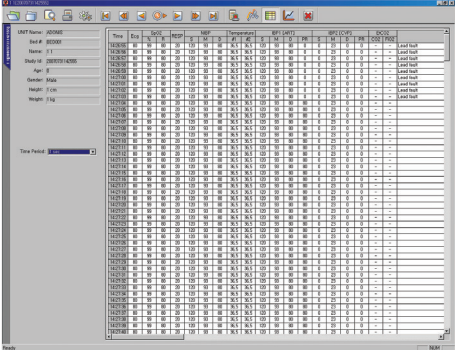[32beds]

[8 beds]

Large & Detail
Monitoring Window

[Alarm Review]   [Wave Review]   [Graphic trend Review]   [Tabular trends]

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