

**GEMS™ WIN Workstation(s)**  
**Recommended Hardware and Software Configuration**

Applies to: GEMS™ WIN Workstations, GEMS™ WIN Workstation acting as Server and GEMS™ WIN Auto Attendant Workstations\* AA is not supported on 32 bit OS.

Software	Minimum	Recommended	Workstation acting as Server
OS	Win7 (SP1) <small>(will not work with XP, Vista or Windows 7)</small>	Win10 64 bit <small>(will not work with XP, Vista or Windows 7)</small>	Win10 64 bit <small>(will not work with XP, Vista or Windows 7)</small>
Internet Explorer	IE 11	IE 11	IE 11
Microsoft™ Access	MS Access 2000*	MS Access 2010* or above	MS Access 2010 or above <small>(only required if acting as a server)</small>
<b>PC Hardware</b>			
RAM	1 GB RAM(+)	2 GB RAM(+)	2 GB RAM(+)
Processor	1.5 Ghz(+)	1.5 Ghz(+)	1.5 Ghz(+)
Free Space on Hard Drive	10 GB(+)	10 GB(+)	20 GB(+)
CD Rom Drive	8x(+)	32x(+)	32x(+)
Sound Card	24 bit PCI Sound Card <small>(It is recommended to have a separate PCI sound card.)</small>	24 bit PCI Sound Card <small>(It is recommended to have a separate PCI sound card.)</small>	24 bit PCI Sound Card <small>(It is recommended to have a separate PCI sound card.)</small>
Video Card	AGP or PCI Express x16 64MB	AGP or PCI Express x16 64MB	AGP or PCI Express x16 64MB
Remote Access for support/ training	Hi-Speed Internet Connection	Hi-Speed Internet Connection	Hi-Speed Internet Connection
Network connection	10/100 Mbps <small>(For multiple workstation installs)</small>	10/100 Mbps <small>(For multiple workstation installs)</small>	10/100 Mbps <small>(For multiple workstation installs)</small>

\* MS Access 2000 is not mandatory on GEMS™ WIN Workstations, but will greatly assist in product support.



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		Minimum	Recommended
Installed Software	Non-SQL Server	SQL Server <small>(SQL 2012/2016 Express, Standard, Enterprise)</small>	SQL Server <small>(SQL 2012/2016 Express, Standard, Enterprise)</small>
OS	Win 2012	Win 2012	Win 2016
MS SQL Server	N/A	MS SQL Server* with a Processor Per Server License	MMS SQL Server* with a Processor Per Server License
<b>PC Hardware</b>			
RAM	2 GB RAM	2 GB RAM	4 GB RAM
Processor	2.5 GHz	2.5 GHz	2.5 GHz
Free Space on Hard Drive	10 GB	10 GB	20GB
CD Rom Drive	8x	32x	32x
Remote Access for support/ training	Hi-Speed Internet Connection	Hi-Speed Internet Connection	Hi-Speed Internet Connection
Network connection	10/100 Mbps <small>(For multiple workstation installs)</small>	10/100 Mbps <small>(For multiple workstation installs)</small>	10/100 Mbps <small>(For multiple workstation installs)</small>
Back up Drive	10 GB	40 GB	40 GB
Hard Drives	10K PRM SCSI or Serial ATA hard Drives with a redundant RAID configuration	10K PRM SCSI or Serial ATA hard Drives with a redundant RAID configuration	10K PRM SCSI or Serial ATA hard Drives with a redundant RAID configuration

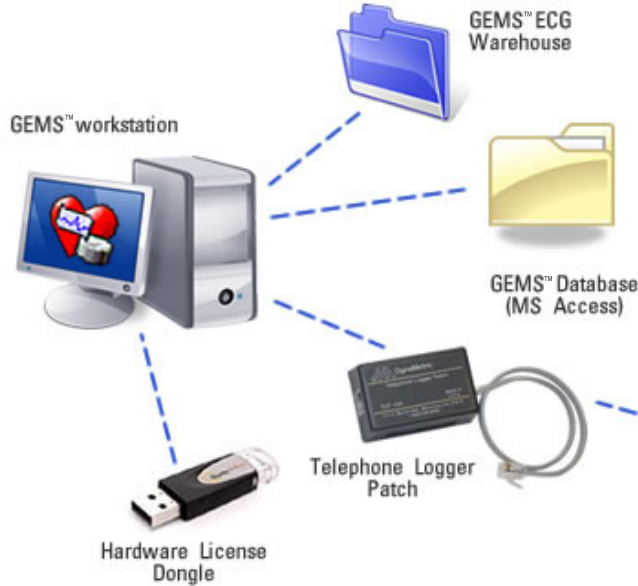
\* CardioComm Solutions, Inc. does not recommend the use of wireless network connections to a GEMS™ WIN Server.



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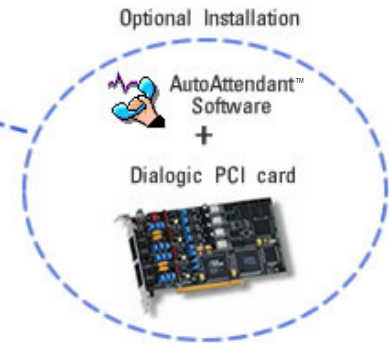
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### GEMS™ - Single Workstation Configuration

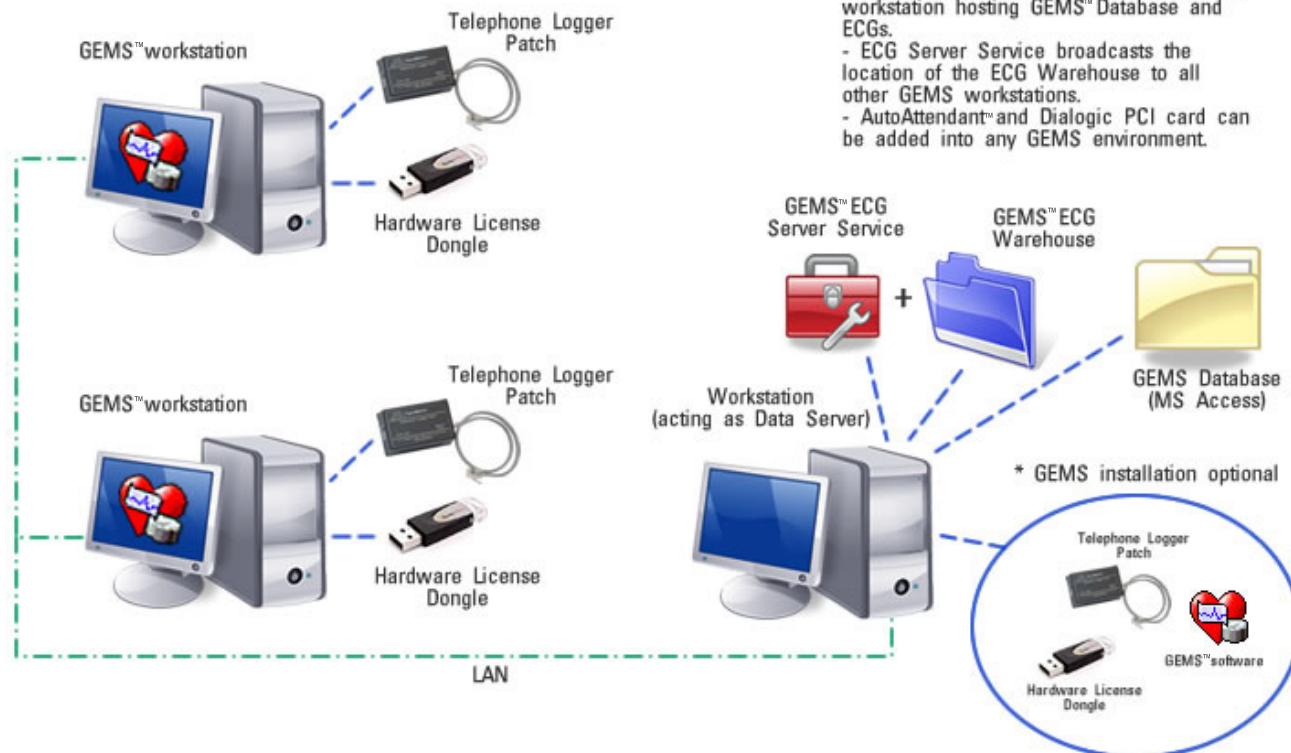


#### Configuration Notes:

- GEMS™ Database and ECGs are stored locally on one workstation.
- Workstation can be on or off a Network.
- AutoAttendant™ and Dialogic PCI card can be added into any GEMS™ environment.
- GEMS™ Lite is a Single Workstation application only and is NOT networkable.



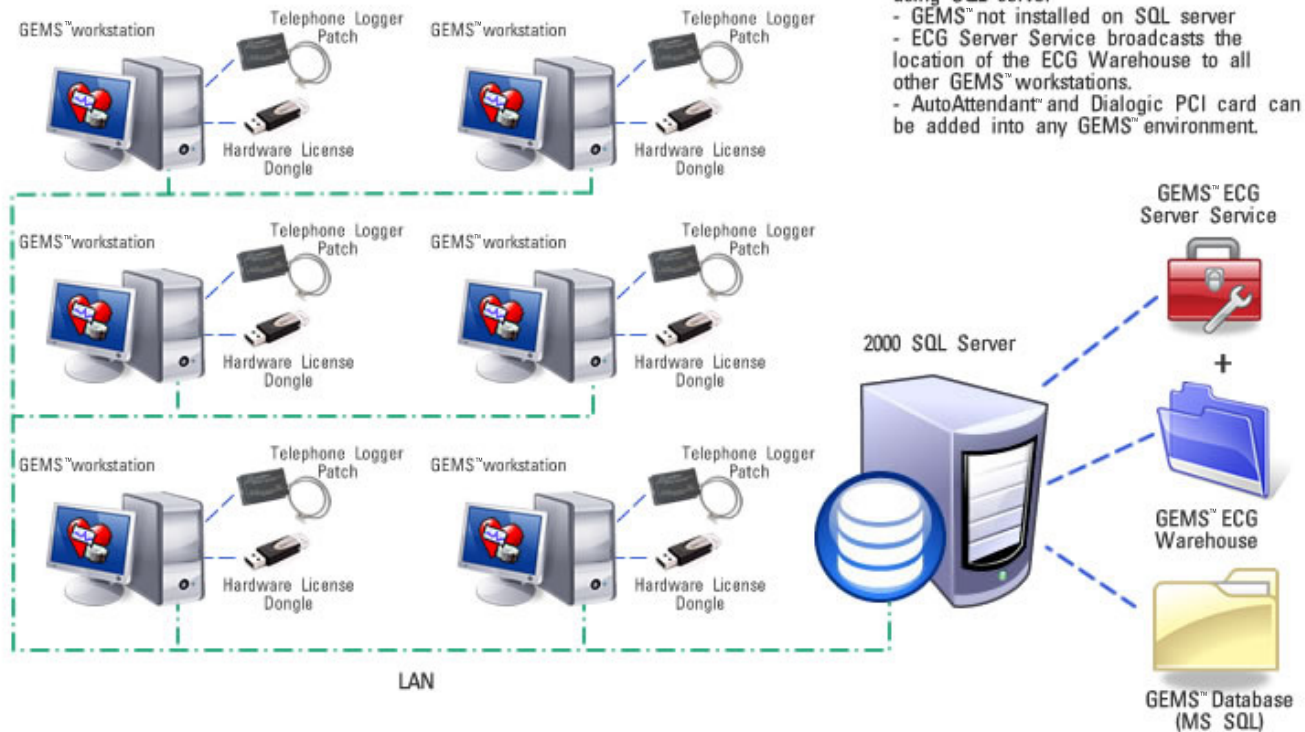
### GEMS™ - Multiple Workstation Configuration (no Server)



#### Configuration Notes:

- Connect up to 5 GEMS™ workstations.
- GEMS™ does not have to be installed on workstation hosting GEMS™ Database and ECGs.
- ECG Server Service broadcasts the location of the ECG Warehouse to all other GEMS workstations.
- AutoAttendant™ and Dialogic PCI card can be added into any GEMS environment.

**GEMS™ - Multiple Workstation Configuration with SQL Server**



**Configuration Notes:**

- Connect 5+ GEMS™ workstations when using SQL server
- GEMS™ not installed on SQL server
- ECG Server Service broadcasts the location of the ECG Warehouse to all other GEMS™ workstations.
- AutoAttendant™ and Dialogic PCI card can be added into any GEMS™ environment.



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