



Hardware and Software Requirements for EVOLUTION System Implementation

(Not included, it will be customer's responsibility to provide it)

Table 1 – Stations – Personal Computers

COMPONENT	SPECIFICATION
CPU	Intel® Core™ i5 Processor or greater
RAM	8 GB, 2133MHz, DDR4 up to 64GB
Disk Space	250 GB
Operating System	Windows 8.1 Windows 10 Enterprise or Professional
Network Interface Card	GIGABIT
Display Monitor	Wide Screen, Resolution – 1920 x 1080

Table 2 – Hospitals Server

COMPONENT	SPECIFICATION
CPU	Intel® Xeon® Processor E7-8800 Product Family
CPU's (quantity)	8
RAM	32 GB, 2133MHz, DDR4 up to 64GB
Space in disc	5 TB or more. RAID 5 for fault tolerance
Network Interface Card	Depending on the existing network structure, recommend Dual Gigabit Ethernet
Operating System	Windows 2012 R2 Server Standard or Enterprise
Backup System	
Data Base	Microsoft SQL Enterprise Edition 2014 (64 bit)

Revised Feb 2019





Hardware and Software Requirements for EVOLUTION System Implementation

EVO

Table 2.1 – Health Center / Clinic Server

Components	Specifications
CPU	Intel® Xeon® Processor E7-8800 Product Family
CPU's (amount)	4
RAM	16 GB, 2133MHz, DDR4 up to 64GB
Disc Space	2 TB or more. RAID 5 for fault tolerance optional
Network Interface Card	Depending on actual network infrastructure, Dual Gigabit Ethernet recommended
Operative System	Windows 2012 R2 Server
Backup System	
Data Base	Microsoft SQL Enterprise Edition 2014 (64 bits)

Table 3 – Operative System and Platform

Evolution Platform	Architecture	Languages
Client: Windows 10 Server: Windows 2012 R2 Enterprise for server and MS SQL Enterprise Edition 2014	Client/Server	Visual.NET (ASP), XML Web Services

Revised Feb 2019





Hardware and Software Requirements for EVOLUTION System Implementation

Table 4 – Other Components

COMPONENT	SPECIFICATION
Label Printer **	Zebra TLP2824
Laser Printer *	HP-2200
Display Monitor	
Scanner	
Regular Monitor or Touchscreen	
Camera	
Smart Card	
Signature Capture Devices	
Pen Tablet	DTU-1031
Signature Pad	SigLite 1x5
EVO List Signature Pad	SIG 200

* Ethernet 100/1000 Base TX connection (preferable)

** The Label printer must have Ethernet 10/100 Base TX connection to print labels from Laboratory system.

Table 5 – Cabling y Communications Equipment (Infrastructure)

COMPONENT	SPECIFICATION
Switches	Dual Gigabit Ethernet
Cables	Cat 6 or better

Revised Feb 2019

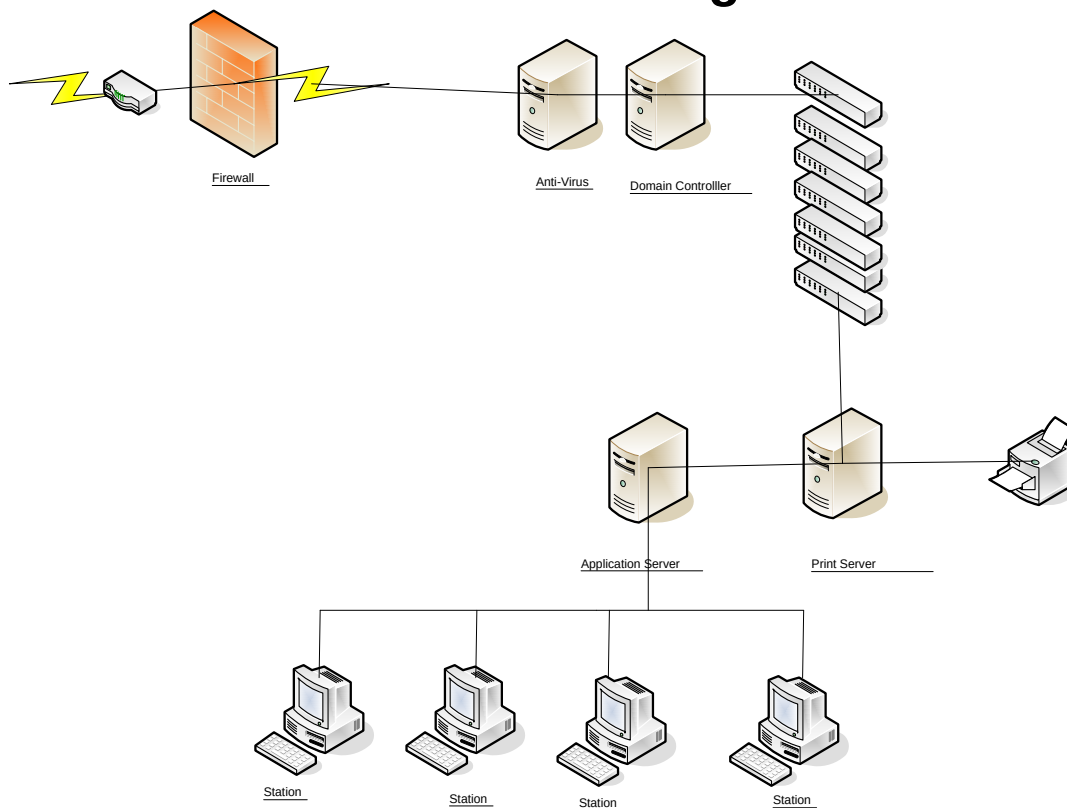




Hardware and Software Requirements for EVOLUTION System Implementation

Network Diagram

Standard Configuration

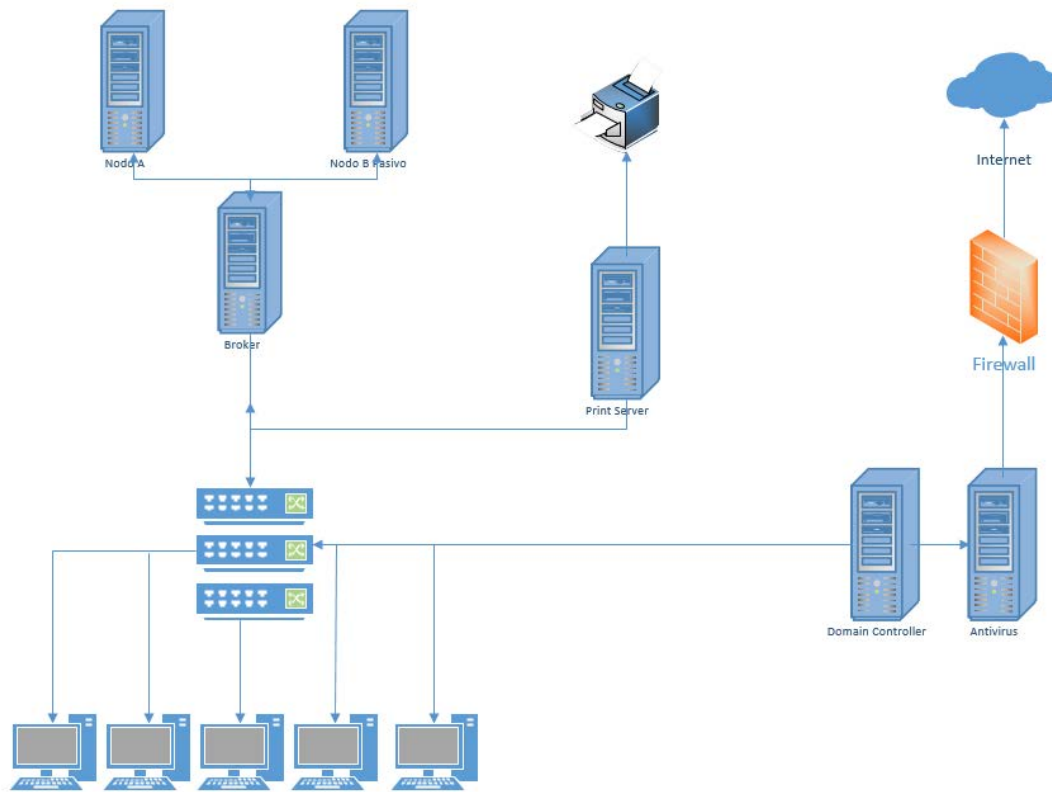


Revised Feb 2019



Hardware and Software Requirements for EVOLUTION System Implementation

Clustered Configuration



Revised Feb 2019