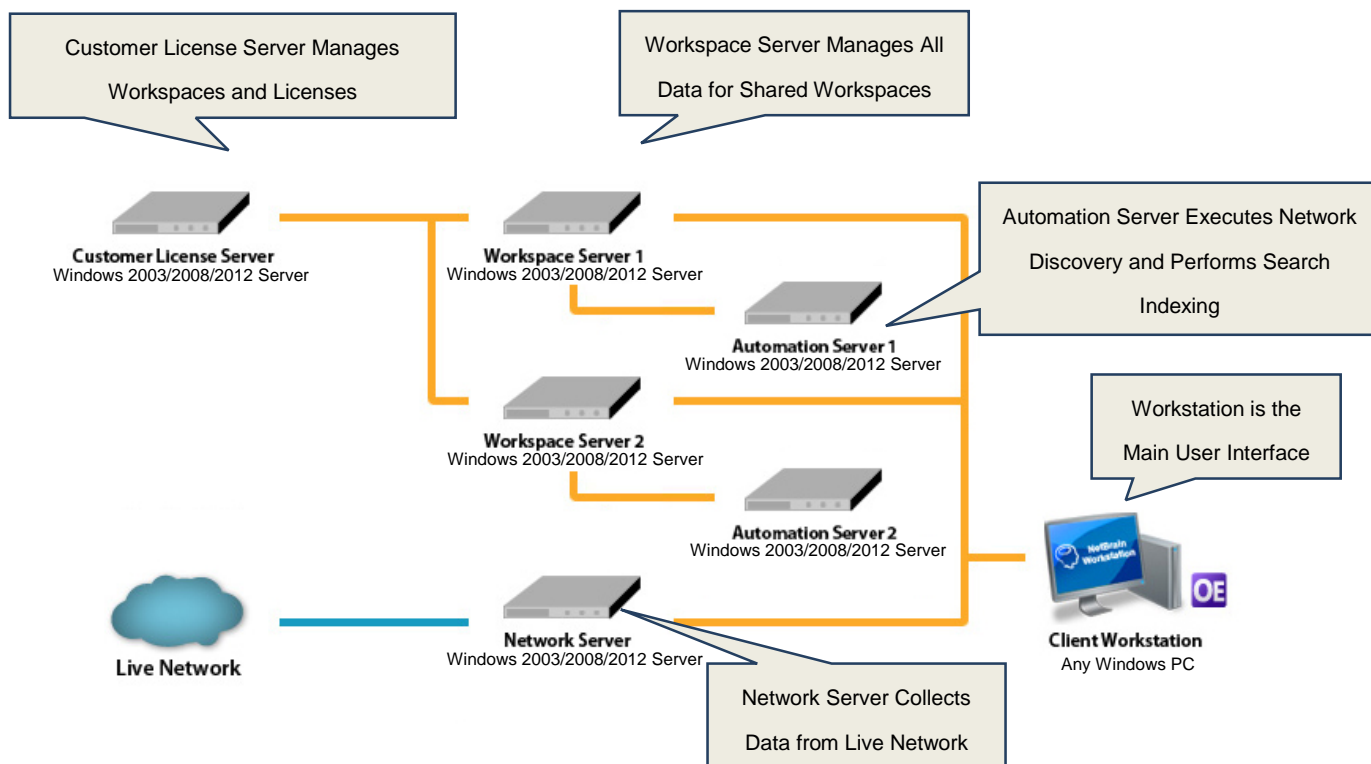


Overview

The NetBrain system has five components: **Customer License Server**, **Workspace Server**, **Automation Server**, **Network Server** and **Workstation**.



The following table lists the system specifications and connectivity requirements:

System Specifications				
<p>Important Note: There must be more than 3GB free space in the system drive (mostly C drive) to complete the installation no matter which drives the NetBrain system will be installed on.</p>				
	CPU	Memory	Hard Disk	Operating System
All-in-one Server CLS/WSS/AS/NS (up to 2000 nodes)	2 GHZ Quad Core	8GB (preferred) 4GB (minimum)	100GB free space	Windows 2003 SP2/R2 Standard/Enterprise Edition, Windows 2008/R2 Standard/Enterprise Edition or Windows 2012/R2 with IIS pre-installed. VMware is supported. Require user with Windows admin rights.
Customer License Server (CLS)	2 GHZ Dual Core	4GB (preferred) 2GB (minimum)	20GB free space	Windows 2003 SP2/R2 Standard/Enterprise Edition, Windows 2008/R2 Standard/Enterprise Edition or Windows 2012/R2 with IIS pre-installed.



System Spec

				VMware is supported. Require user with Windows admin rights.
Workspace Server (WSS)	2 GHZ Dual Core (Quad Core for 5000+ nodes)	8GB (preferred) 4GB (minimum) 16GB (15k-node)	100GB (preferred) 20GB (minimum) 200GB (15k-node)	Windows 2003 SP2/R2 Standard/Enterprise Edition, Windows 2008/R2 Standard/Enterprise Edition or Windows 2012/R2 with IIS pre-installed. Can coexist with Customer License Server. VMware is supported. Require user with Windows admin rights.
Automation Server (AS)	2 GHZ Dual Core (Quad Core for 5000+ nodes)	8GB (preferred) 4GB (minimum) 16GB (15k-node)	100GB (preferred) 20GB (minimum) 200GB (15k-node)	Windows 2003 SP2/R2 Standard/Enterprise Edition, Windows 2008/R2 Standard/Enterprise Edition or Windows 2012/R2. VMware is supported. Require user with Windows admin rights.
Network Server (NS)	2 GHZ Dual Core	4GB (preferred) 2GB (minimum)	20GB free space	Windows 2003 SP2/R2 Standard/Enterprise Edition, Windows 2008/R2 Standard/Enterprise Edition or Windows 2012/R2. Can coexist with Customer License Server and/or Workspace Server. VMware is supported. Require user with Windows admin rights.
Workstation Client	2 GHZ Dual Core	8GB (preferred) 4GB (minimum)	20GB free space	Windows XP, Windows Vista, Windows 7, Windows 8, Windows 2003/2008/2012. VMware is supported. Require user with Windows admin rights.

Network Connectivity Requirements

Source	Destination	Port
Workspace Server	Customer License Server	HTTP/HTTPS
Customer License Server	Workspace Server	HTTP/HTTPS
Network Server		
Automation Server		
Workstation Client		



System Spec

Workspace Server	Automation Server	TCP-8888
Network Server		TCP
Workspace Server	Network Server	TCP-7813
Automation Server		TCP-9099
Workstation Client		TCP-9099
Network Server	Live Network	ICMP/SNMP/Telnet/SSH