The purpose of this document is to list the server, network and client requirements necessary to support a Hillrom Precision Locating 1.0, or later, installation.

Server Requirements

The Hillrom Precision Locating services and applications are installed on a Kubernetes cluster with multiple nodes, using virtual or physical machines.

Number of servers	3 nodes for the standard Kubernetes cluster. All three nodes joined to the same domain using the procedure defined within the operating system's documentation. Extra nodes can be added to the cluster to support more locating devices.
Operating System	Latest CentOS 7.8 or greater (excluding 8.0) RHEL 7.8 or greater (excluding 8.0)
Processor	Minimum of dedicated 8-cores per node (24-cores total), 2.4GHz
Memory	Minimum of 32 GB per node (96 GB total)
Storage	Minimum of 120 GB for primary node (usually first node), 60 GB for each other nodes (240 GB total)
Number of supported devices*	Maximum of 850 active, in-motion tags producing locating events for the 3-node cluster

* Performance is dependent on the physical distribution of tags. The specifications shown are for a site with up to 1,700 equipment tags and 850 staff tags. The system can be scaled to accommodate larger installations.

- Domain account with non-expiring password to log in to all of the nodes and to check the Active Directory group of users while logging into the applications.

- 3 Active Directory groups that correspond to three application access levels.

- SMTP server details for sending the email notifications.

- SSL Certs for the node load balancer (Optional).

Network Requirements

- Remote access for installation, configuration, maintenance, or troubleshooting (Hillrom-standard or customer-specified).
    - Unless VPN access is granted to Hillrom, a Windows 10/Windows Server 2016 Jump Box with remote access is required.
- Public internet access to download docker images from Hillrom Azure container registry.
- Static IP address for nodes.
- Local network server hosting only. Cloud-hosted environments are not supported.

Client Requirements

Supported clients include any general use computing device that can:

- Run Windows 10 operating system (PC, laptop, tablet, MiniPC, etc.)
- Provide a minimum resolution of 1280x1024
- Utilize mouse and keyboard input

Supported browsers:

- Chrome (latest publicly available) on operating systems Windows 10 (latest updates)
- MS Edge (Chromium, latest publicly available) on operating systems Windows 10 (latest updates)

For more information, please contact your local distributor or Hillrom sales representative at 1-800-535-6663.

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For Warnings and Cautions related to Hillrom Precision Locating, please consult the Instructions for Use for the system.