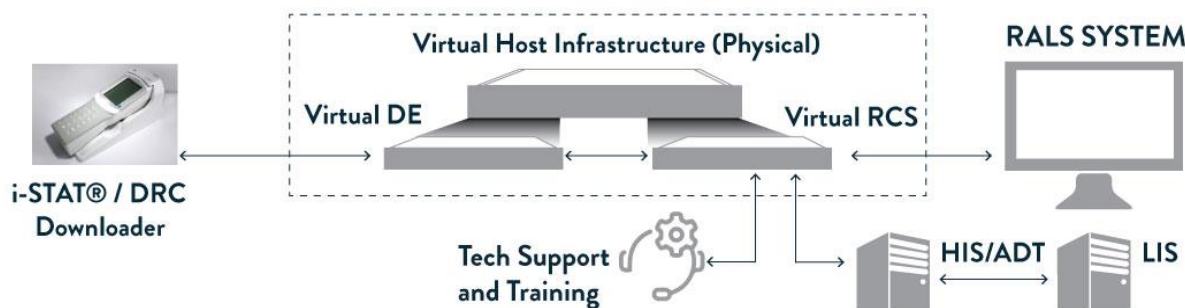


## RALS Virtual DE System Specifications

### Virtual DE Diagram



### Definitions:

The RALS DE (D40) consists of a virtual machine that can be hosted from a hospital's centralized virtualization environment or a from a physical virtual host provided by Abbott that resides in the hospital's data center. The RALS DE provides all the functionality of a physical DE server without the need for additional hardware. It supports the communications between the i-STAT® devices and the RALS System RCS server.

### Required Specifications:

The configuration settings for the virtualized DE must provide adequate resources for processor, memory, hard drive space, etc. to meet performance criteria:

- At least 2 CPU cores allocated with equivalent processing power of 2 GHz(or faster)
- At least 8GB RAM
- Separate virtual 100 GB C:\ and 30 GB D:\ hard disks \*\* Actual disk space in use in a dynamically expanding/thin provisioning type environment is typically 20-30GB
- 100Mb Ethernet network interface (or faster)
- SVGA display at 1024x768 and 16bit color depth (or better)

### Components:

- |                                |                                 |   |
|--------------------------------|---------------------------------|---|
| • Windows Server 2016 (64-bit) | • Microsoft .NET Framework: 4.8 | • SecureLink Remote Support client          |
| • Internet Explorer 11.0       | • Notepad++                     | • Microsoft Security Updates                |
| • IIS 10                       | • 7-Zip                         | • I-STAT/DE system software 2.10(or Higher) |
| • Remote Desktop               |                                 |   |

### Installation:

- RALS (Abbott) will provide either a **Microsoft Hyper-V--generation 1 version 5.0--virtual machine export (.VHD)** or a **VMware ESXi--virtual machine hardware version 10-- export (.OVA)**
- Customer IT will perform any import/format conversion as needed to deploy the provided virtual image to their virtualization systems (i.e. Microsoft to VMware or upgrade to virtual machine hardware version)
- Customer IT will allocate virtual resources to the virtual RALS DE guest system hosted on their virtual infrastructure

### Support:

- Hospital will provide support and maintenance of the virtual host systems
- RALS and Abbott Point of Care Inc will provide support and maintenance of the DE software that resides within the virtual RALS DE.