

The Resource Data Center (RDC) is the functional core of a MedSelect system. It includes a powerful server and houses all the software components that drive the MedSelect solution, including Administrative WorkStation, Centrack, reporting, Nurses Workstation, MedOrder and the MedSelect database. It also includes all the proper third party licensing (Windows®, Oracle®, etc).

Through the RDC, users will:

- Set-up global locations, med order routing, and access rights
- Define and manage inventory
- Manage user accounts
- Create and manage kits
- Enter, monitor and retrieve patient data
- Manage discrepancies
- Manage controls
- Run reports
- Sort, filter and search for data



The RDC allows your IT department to centrally manage system updates, network backups, and virus protection. The standard RDC is ideal for all locations that need high processing power. The system stores all events for up to ten years and provides immediate access to detailed reporting. In addition, the RDC can be used to push messages out to cabinet users, such as upcoming maintenance or changes in formulary.

## SPECIFICATIONS

### Standard Resource Data Center

#### Dell PowerEdge R330 Rack Mounted Server

<b>Processor</b>	Intel® Xeon E3-1240 v5, 3.5 GHz, Quad-Core CPU with HT
<b>Disks</b>	300 GB SAS hard drives (4) configured into dual RAID 1 arrays
<b>Memory</b>	16 GB RAM
<b>Standard Peripherals</b>	Redundant power supplies, (2) 100/1000 NICs, iDRAC8
<b>Warranty</b>	5 year, 24/7 support
<b>Footprint</b>	(1U) 24.6" (D) x 1.68"(H) x 17.08"(W); 14.1 lbs

### Software

Microsoft® Windows® Server 2016 64-bit operating system

Embedded Oracle® 12c R2 64-bit database management software

MedSelect 64-bit interface engine

The Virtual Resource Data Center (vRDC) is the functional core of a MedSelect system and is now supported in a virtual environment with Windows® Server® 2016 64-bit operating system.

The vRDC stores all events for up to ten years. All data is on-line and accessible for reporting through our report writing software.

To ensure the MedSelect system operates at an optimal level, the following minimum specifications for the host environment must be met:



## SPECIFICATIONS

Virtual Resource Data Center	
Processor	4-core processor; 2.2 GHz or higher
RAM	16 GB RAM fully allocated to the MedSelect server
Disks	2 virtual disks, labeled 'C:' and 'N:' ('C:' drive provided by ARxIUM)
Hard drive size	Hard drive disk size 146 GB or greater
Hard drive	Hard drive set to fixed (auto-growth is not supported)
NIC	Shared
Network Speed	Optimal 1 GB/s, minimum 100 Mb/s
Network Latency	Maximum 5ms

If not provided by ARxIUM, customers are required to purchase an Oracle 12c R2 64-bit Standard Edition (License type: 12.2.0.1.0 - Standard Edition SE2)

Customers are also required to provide a Windows Server 2016, 64-bit Standard Edition license at the time of implementation, for server activation.

## Frequently Asked Questions (FAQs)

**Why is the license for Oracle required?** Oracle requires every processor in the physical server environment that is hosting the Oracle database server to be licensed.

**What is included in the charge for the vRDC?** The cost of the vRDC includes 24 hours of professional services to remotely test, migrate and support the go-live of the physical server to the virtual server. Onsite services are not included and will incur additional fees.

**How is the MedSelect server installed into my virtual environment?** The MedSelect team will load the pre-configured files on an external hard drive and ship the external hard drive to you. The provided file will be an .iso file for both VMWare and Hyper-V environments. You will then load the file to create the specific VM environment.