Mininimum/Recommended System Requirements - 08/24/2015

SRI Diagram Reference	Description	AMTV=(0-20k) Min	AMTV=(0-20k) Rec	AMTV=(20k-50k) Min	AMTV=(20k-50k) Rec	AMTV=(50k-100k) Min	AMTV=(50k-100k) Rec	Notes
1-FT/POS/API DataBase Server	RAM	48 GB ECC DDR3/4	64 GB + ECC DDR3/4	64 GB ECC DDR3/4	128 GB + ECC DDR3/4	128 GB ECC DDR3/4	256 GB + ECC DDR3/4	Important! Additional 3rd party server installed software, (SharePoint, VmWare, etc...), may significantly impact server performance and is not recommended. *Virtualization is supported provided VM's meet or exceed minimum system requirements
	Hard Disk(s)	2-256 GB HDD/SSD	2-500 GB SSD +	4-500 GB SSD	8-500 GB SSD	8-500 GB SSD/SAS	12-500 GB SSD/SAS +	
	Raid Support	RAID-0,1,10/2GB	RAID-0,1,10/2GB	RAID-0,1,10/4GB	RAID-0,1,10,5,50,6,60/4GB	RAID-0,1,10,5,50,6,60/8GB	RAID-0,1,10,5,50,6,60/16GB	
	CPU	Dual Xeon 5000/7000	Dual Xeon E3+	Dual Xeon E5	Dual Xeon E5+	Quad Xeon E7	Quad Xeon E7+	
	Operating System	Win Srv 2008 R2 x64	Win Srv 2012 R2 x64	Win Srv 2008 R2 x64	Win Srv 2012 R2 x64	Win Srv 2008 R2 x64	Win Srv 2012 R2 x64	
	SQL Server	Standard 2008 R2 x64	Standard 2014 x64	Standard 2008 R2 x64	Standard 2014 x64	Standard 2008 R2 x64	Standard 2014 x64	
	Symmetric-(PRO)	v3.6.9 Build 2014	Latest Stable Build	v3.6.9 Build 2014	Latest Stable Build	v3.6.9 Build 2014	Latest Stable Build	
2- LAN Connection Link	Network Interface	1 GB	FIBER	1 GB	FIBER	1 GB	FIBER	
	*TCP Xfer Latency	Max 20 (ms)	Max 20 (ms)	Max 20 (ms)	Max 20 (ms)	Max 20 (ms)	Max 20 (ms)	
3-FT/POS/App Server	RAM	32 GB ECC DDR3/4	64 GB + ECC DDR3/4	64 GB ECC DDR3/4	64 GB + ECC DDR3/4	128 GB ECC DDR3/4	128 GB + ECC DDR3/4	Important! Additional 3rd party server installed software, (SharePoint, VmWare, etc...), may significantly impact server performance and is not recommended. *Virtualization is supported provided VM's meet or exceed minimum system requirements
	Hard Disk(s)	2-256 GB HDD/SSD	2-256 GB HDD/SSD +	2-256 GB HDD/SSD	4-500 GB HDD/SSD	4-500 GB SSD/SAS	8-500 GB SSD/SAS	
	Raid Support	RAID-0,1,10/1GB	RAID-0,1,10/2GB	RAID-0,1,10/2GB	RAID-0,1,10,5,50,6,60/2GB	RAID-0,1,10,5,50,6,60/4GB	RAID-0,1,10,5,50,6,60/8GB	
	CPU	Dual Xeon 5000/7000	Dual Xeon E3/E5+	Dual Xeon E5+	Dual Xeon E7	Dual Xeon E7	Dual Xeon E7+	
	Operating System	Win Srv 2008 R2 x64	Win Srv 2012 R2 x64	Win Srv 2008 R2 x64	Win Srv 2012 R2 x64	Win Srv 2008 R2 x64	Win Srv 2012 R2 x64	
	IIS	v7.50	v8.50	v7.50	v8.50	v7.50	v8.50	
4-WAN/LAN Connection	*TCP Xfer Latency	Max 50 (ms)	Max 20 (ms)	Max 50 (ms)	Max 20 (ms)	Max 50 (ms)	Max 20 (ms)	
5-Wan Link	*TCP Xfer Latency	Max 50 (ms)	Max 20 (ms)	Max 50 (ms)	Max 20 (ms)	Max 50 (ms)	Max 20 (ms)	
6- API/Remote App Db Server	RAM	16 GB ECC DDR3/4	24 GB + ECC DDR3/4	32 GB ECC DDR3/4	48 GB + ECC DDR3/4	64 GB ECC DDR3/4	64 GB + ECC DDR3/4	Important! Additional 3rd party server installed software, (SharePoint, VmWare, etc...), may significantly impact server performance and is not recommended. *Virtualization is supported provided VM's meet or exceed minimum system requirements
	Hard Disk(s)	2-256 GB HDD/SSD	2-256 GB SSD +	4-256 GB SSD	4-500 GB SSD	8-500 GB SSD/SAS	12-500 GB SSD/SAS	
	Raid Support	RAID-0,1,10/1GB	RAID-0,1,10/2GB	RAID-0,1,10/2GB	RAID-0,1,10,5,50,6,60/4GB	RAID-0,1,10,5,50,6,60/4GB	RAID-0,1,10,5,50,6,60/8GB	
	CPU	Xeon 5000/7000	Xeon E3/Xeon E5 +	Dual Xeon E5	Dual Xeon E5 +	Dual Xeon E7	Dual Xeon E7+	
	Operating System	Win Srv 2008 R2 x64	Win Srv 2012 R2 x64	Win Srv 2008 R2 x64	Win Srv 2012 R2 x64	Win Srv 2008 R2 x64	Win Srv 2012 R2 x64	
	SQL Server	Standard 2008 R2 x64	Standard 2014 x64	Standard 2008 R2 x64	Standard 2014 x64	Standard 2008 R2 x64	Standard 2014 x64	
	Symmetric-(PRO)	v3.6.9 Build 2014	Latest Stable Build	v3.6.9 Build 2014	Latest Stable Build	v3.6.9 Build 2014	Latest Stable Build	
	IIS	v7.50	v8.50	v7.50	v8.50	v7.50	v8.50	
7- Api Remote Connections	*TCP Xfer Latency	Max 50 (ms)	Max 20 (ms)	Max 50 (ms)	Max 20 (ms)	Max 50 (ms)	Max 20 (ms)	
8- WAN Connection to Auth.net	*TCP Xfer Latency	Max 50 (ms)	Max 20 (ms)	Max 50 (ms)	Max 20 (ms)	Max 50 (ms)	Max 20 (ms)	
9- FT/POS Workstations	RAM	4 GB	8 GB	8 GB	16 GB	16 GB	16 GB	
	Hard Disk(s)	40 GB free Space	40 GB free Space	40 GB free Space	40 GB free Space	40 GB free Space	40 GB free Space	
	CPU	I3 +	I3 +	I5	I5+	I7	I7+	
	Operating System	Win 7 x64	Win 7 x64	Win 7 x64	Win 7 x64	Win 7 x64	Win 7 x64	
	Browser	Chrome 44.0.x	Latest Stable Build	Chrome 44.0.x	Latest Stable Build	Chrome 44.0.x	Latest Stable Build	

Document Definitions;

Note: Please refer to eRezMinSysReq_SRIDiagram for infrastructure diagram referencing 1 through 9 above

AMTV=Average Monthly Transaction Volume, (FT/POS/API), in thousands.

*TCP Xfer Latency; Max (ms) defined as total roundtrip speed in milliseconds, per each Process ID (PID) request

Disclaimer: Systems support and troubleshooting provided on a limited basis where minimum systems requirements 1 thru 9 have not been met.