**Technical Requirements**

**For the Roshtek Asset Manager**

**Documentation**

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While Existco will make a reasonable effort to ensure deployment does not interfere with day-to-day operations at the client premises, it is ultimately the client’s responsibility to ensure backups are in place and are viable in the event of a catastrophic failure. In addition, Existco assumes no responsibility for failures outside the scope of this deployment.

**Document Control**

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| --- | --- | --- |
| **Date** | **Change** | **Author** |
| 2015-06-11 | Initial document | Mark McGough |
| 2015-06-11 | Error fixes, changed desktop support method | Mark McGough |
| 2022-09-20 | Update system Requirements | Eli Abitbol |
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# Server Requirements

* Software
	+ SQL Server 2016 (Express or standard) or higher
		- Default instance recommended
		- TCP connections enabled
		- TCP ports set to static, TCP port 1433 recommended
		- Firewall allows incoming connections on TCP port above
		- Firewall allows incoming/outgoing UDP messages on port 1434
	+ .NET Framework 4.8 (Part of OS install) Or Download
		- Web installer: <https://dotnet.microsoft.com/en-us/download/dotnet-framework/net48>
		- Redistributable: <https://dotnet.microsoft.com/en-us/download/dotnet-framework/net48>
	+ Crystal Reports 13.0.24 32-bit
		- <https://updates.existco.com.au/AdvanceInstaller/RACM_V2/CRRuntime_32bit_13_0_24.msi>
	+ Roshtek Asset Manager
		- <https://updates.existco.com.au/AdvanceInstaller/RACM_V2/RoshtekAssetConsumableSetup.exe>
* Permissions
	+ User needs read+write access to C:\ProgramData folder (this is enabled by default, unless explicitly disabled by group policy)
* Networking
	+ Network access to subnet clients are on, or a gateway to the server.
	+ Shared folder on server accessible to clients
		- Read+write permissions
		- Imported and exported files will be stored here
* Proxy
	+ Allow access to <http://updates.existco.com.au/> (HTTP and HTTPS)
* Application
	+ Application installed to default location
	+ Crystal Reports 13.0.24 32-bit installed
	+ Shortcuts created as required by client
	+ Read+write access to C:\ProgramData folder
* Remote Support
	+ - TeamViewer Connection to Servers and Desktops

# Client Requirements

* Software
	+ .NET Framework 4.8 (Part of OS install) Or Download
		- Web installer: <https://dotnet.microsoft.com/en-us/download/dotnet-framework/net48>
		- Redistributable: <https://dotnet.microsoft.com/en-us/download/dotnet-framework/net48>
	+ Crystal Reports 13.0.24 32-bit
		- <https://updates.existco.com.au/AdvanceInstaller/RACM_V2/CRRuntime_32bit_13_0_24.msi>
	+ Roshtek Asset Manager
		- [https://updates.existco.com.au/AdvanceInstaller/RACM\_V2/RoshtekAssetConsumableSetup.exe](file:///F%3A%5C%21Customer%20Supports%5C%21Installation%5CPCS%20SMS%20V2%5CPlantControlSystemSetup.exe)
* Permissions
	+ User needs read+write access to C:\ProgramData folder (this is enabled by default, unless explicitly disabled by group policy)
* Networking
	+ Must be on the same subnet as the server, or have a gateway to it. Client needs to connect to server over TCP/IP.
* Proxy
	+ Allow access to <http://updates.existco.com.au/> (HTTP and HTTPS)
* Remote Support
	+ TeamViewer Connection to Servers and Desktops.

# Mobile Devices

* Networking
	+ Network access is a future expansion. These items are not a requirement yet.
	+ Devices should be connected to the vessel WiFi. MAC addresses are available on the device labels.
	+ Devices should be on the same subnet as the server, or have a gateway to it. They will connect to server over TCP/IP.
	+ Device and Desktop can communicate over Bluetooth, if available.
* Chargers and docking stations must have power available from the supplied power adapter (mains power must be accessible).
* Docking stations
	+ Must be connected to power for Charge Only.
* Remote support
	+ Remote support will be done over TeamViewer to Android Mobile Computer.