**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:\!Customer%20Supports\!Installation\PCS%20SMS%20V2\PlantControlSystemSetup.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.