

RockWorks Software Security Details

7/6/22

Cloud Considerations: *RockWorks* is not a cloud-based program. It is designed to run within Microsoft Windows. It does not run within LINUX or IOS. *RockWorks* is designed to be used on a single Windows computer. *RockWorks* is not designed to be hosted on a Windows server.

Data Protection: When the user starts a new project, *RockWorks* will create an SQLite database within the user-designated Windows folder. The default folder is the *Documents* folder on the user's machine. This can be changed to a network server. DropBox, OneDrive, and other similar services are not viable due to locking/synchronization problems.

Note: When creating a new project, there is an option labeled "Customize the Database Engine (Advanced)" option. Selecting this option will display a menu that includes an option to encrypt the SQLite database. *RockWare* strongly recommends that this option not be used for several reasons;

- The database will be restricted for use only by *RockWorks*.
- Interoperability with other programs such as SQLite Professional (an Access-like database tool) will not be available. These tools can be useful for manipulating the data in ways that are not available within the *RockWorks* program.
- Interoperability with other user-created programs will not be available. This is important to users who create custom programs for importing data, exporting data, performing data analyses, or graphically displaying the data.

Connection Boundary: *RockWorks* will access the *RockWare* web server (hosted by AWS) to determine if a newer version is available in which case the user is notified and provided with an option to download and install the latest version.

RockWorks will also download documentation from the *RockWare* web server to display within the help message dialogs.

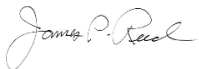
Note: This capability can be disabled within the *RockWorks* / *Preferences* menu. If this capability is disabled, the user can download the help messages directly onto their computer for local access. *RockWare* does not recommend disabling the web-based help because the content is continuously updated.

Communication Pathways: As described above, *RockWorks* will access the *RockWare* web site to check for new updates and to download the help documentation.

The *Network License* version of *RockWorks* will use an IP address and port to connect from the user's machine to the *RockWorks Network License Administrator* program on the server. This program limits the number of users who can simultaneously use *RockWorks* on their machines. The *RockWorks Network License Administrator* program is installed by the client's network administrator on a network server. The *RockWorks Network License Administrator* program runs as a service on the network server.

It is the assumption of *RockWare* that the security for the end-user's computer and network is the end-user's responsibility.

Signed,



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