A green and white logo

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*Developers of*

*PlantRun, Prodigy and PAMS software and systems*

**Set Up and Run ReportPro R Script**

User Guide

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| --- | --- |
| Reference: |  |
| Revision: |  |
| Revision Date: |  |
| Revision Author: |  |

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Revision** | **Revision Date** | **Revision Author** | **Reviewed by** | **Review Date** |
| 0 | 25th Mar 2025 | Tom Atkinson |  |  |
| **Description** | | | | |
| Document created | | | | |

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# Install R

Firstly, download and install the latest version of R for your OS. This can be done using the link below or by simply running the R installer if included already.

<https://cran.r-project.org/>

The defaults settings for this install should all work correctly.

# Install RStudio

Download and install the latest version of RStudio for your OS. This can be done using the link below or by simply running the R installer if included already

<https://posit.co/download/rstudio-desktop/>

The defaults settings for this install should all work correctly.

# Configure ReportPro

Open the Excel file which contains the configuration parameters ReportPro uses. If the site does not have Excel installed, you may have to edit the config file on your own PC first and then copy it across.

These will need to be edited specifically for the customer/system which is being used. Most importantly the “output\_directory”. It is recommended to use a new, empty folder as your output folder.

# Run your R script within RStudio

If not open already, open RStudio.

Upon opening RStudio for the first time you may see something like this:

A screenshot of a computer

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The default will work if this is the only R installation on the machine. If it is not, ensure the most recent version installed is selected by using the “Choose a specific version of R” option.

Once completed click “OK”

It should look something like this:

A screenshot of a computer

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Click **File -> Open File…** and select your R script. For ease, ensure that your R script is located on the local machine.

Do Ctrl+A while in the script window to select the entire contents of the R script.

Click Run (or Ctrl+Enter) to execute the selected portion of the script.

If successful, the script should run to its completion and open a file explorer window at the output directory which should contain the folders containing the resulting documentation.