



PATsmart™ REBEL® System

Standard Networking Guide

Software V1.2

26 Nov 2025

Storage Status Icons



Internal Storage Configured

PATsmart™ REBEL® is ready to run in this mode.



Network Storage Configured

REBEL is ready to run in this mode.



Files Syncing

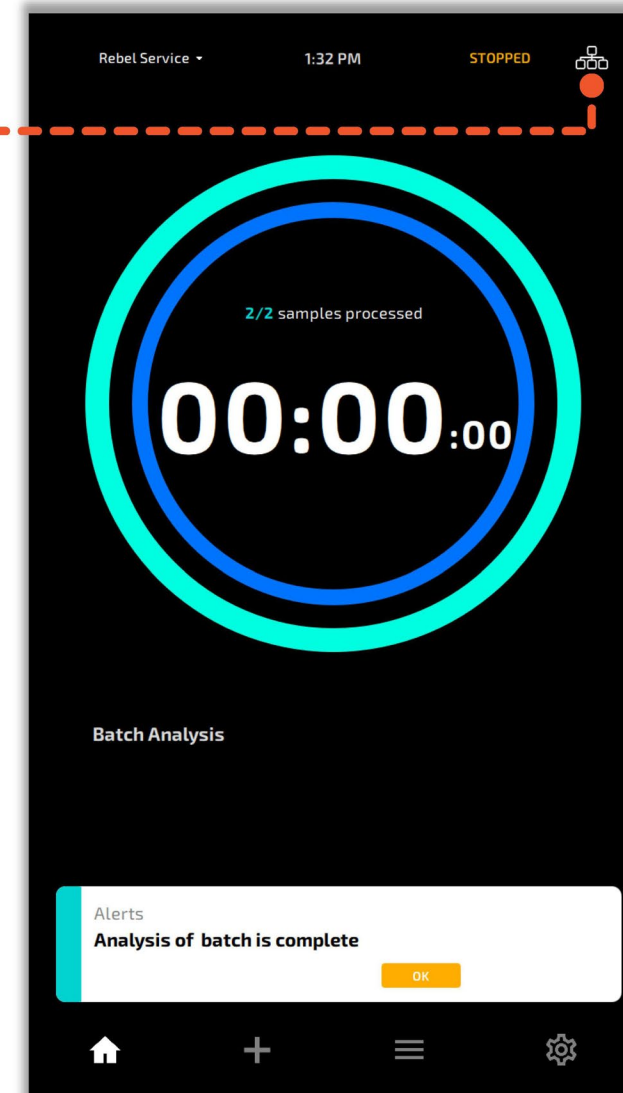
REBEL has files stored locally that are in the process of transferring to the network.



Network Locations Unreachable

REBEL is configured for network storage, but the read and/or write directories are not accessible.

If REBEL was running while the network connection was lost, output files will be stored internally and queued for export until the network connection is restored. **Please do not switch to USB mode if this icon appears as doing so can interfere with data transfer.**



Networking & Storage overview



REBEL is an embedded system running a captive application on a background Windows 10 Enterprise OS.

The system is able to run stand-alone or on a network (ethernet) connection.

No external internet connection is required.

This guide walks through network storage set up!

Network Configurations

1. None – stand alone with USB only data access
2. Static IP
3. DHCP

Storage Configurations

1. **Internal storage** – considered temporary for 21 CFR Part 11 purposes
2. **Network storage** – PREFERRED
 - Write Location: Path where data will be saved to
 - Read Location: Path where documents will be read from

Network Configs

A screenshot of the 'Network Configs' screen. It features a 'Use DHCP' toggle switch that is turned on. Below it, several fields are displayed: 'IP Address' (10.98.2.174), 'MAC Address' (54:82:03:8B:D2:39), 'Netmask' (255.255.0.0), 'Gateway' (10.98.1.1), 'DNS Server 1' (10.98.1.107), and 'DNS Server 2' (DNS Server 2...). An 'APPLY' button is located at the bottom right.

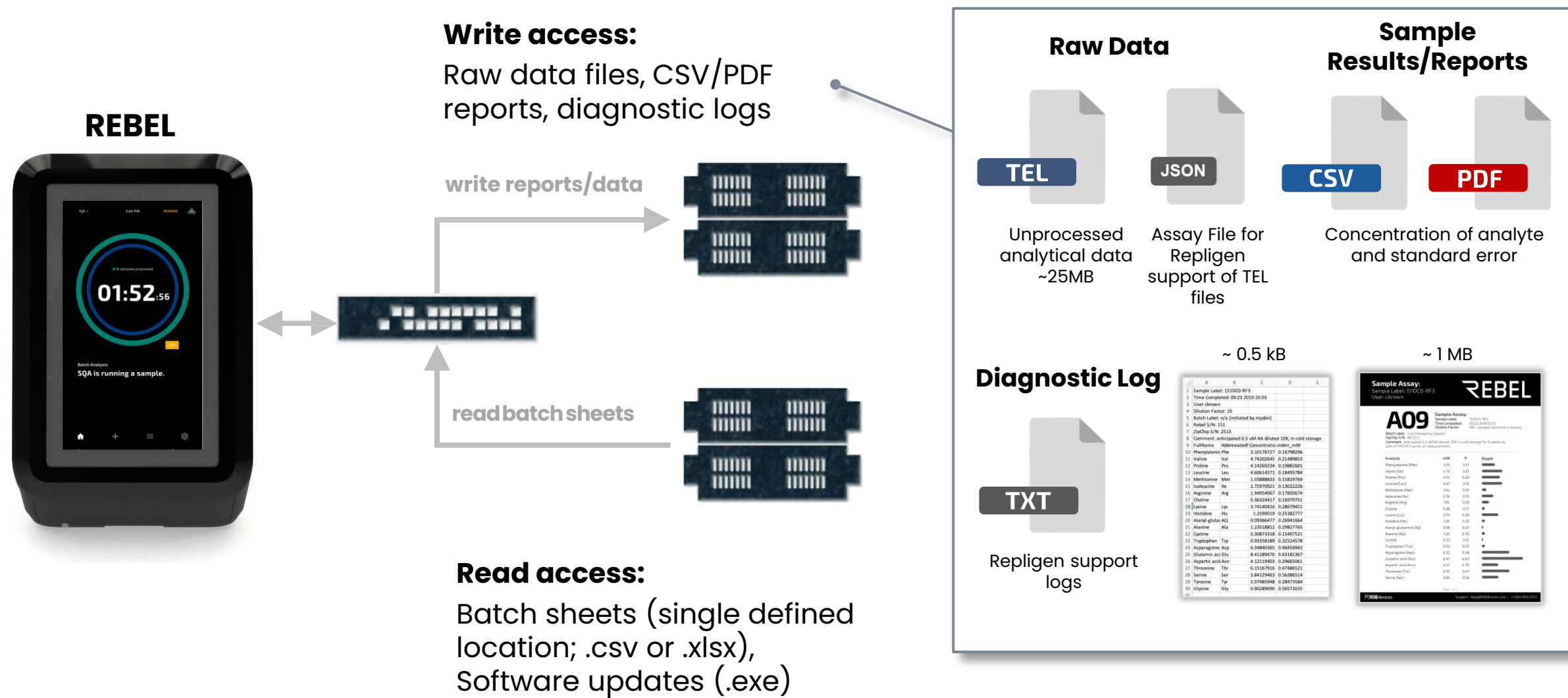
Internal Storage

A screenshot of the 'Internal Storage' configuration screen. It shows a 'Storage Location' dropdown menu set to 'Internal'. Below this, a note states: 'Internal storage should be considered temporary for record retention purposes'. At the bottom, there is an 'Apply Storage Location Settings' button.

Network Storage

A screenshot of the 'Network Storage' configuration screen. It shows a 'Storage Location' dropdown menu set to 'Network Location'. Below this, there are two text input fields: 'Write Location (UNC):' with the value '\\clifford\ChemData\Rebel\data' and 'Read Location (UNC):' with the value '\\clifford\ChemData\Rebel\batch files'. Below these fields, there is a note: 'The Write Location will be used to automatically save a copy of reports to the specified location' and 'The Read Location will be used as an additional location to import data from'. At the bottom, there is an 'Export data into sub folders' toggle switch that is turned on, and two buttons: 'Test Permissions' and 'Apply Storage Location Settings'.

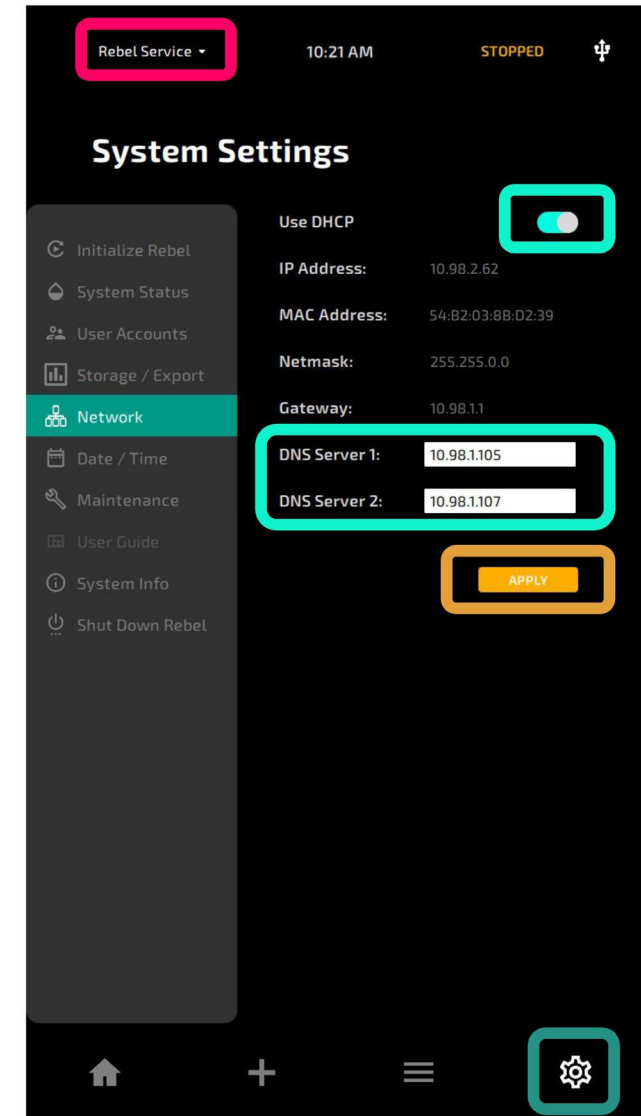
Network Configuration & File Types



Read access:
Batch sheets (single defined location; .csv or .xlsx),
Software updates (.exe)

Network Configuration

1. **Login** with an Admin user profile
2. **Navigate** to **System Settings > Network**
3. **Configure** to use your DHP server or manually enter a static IP. Enter DNS Server Address
4. **Hit APPLY**



Network Configuration cont.

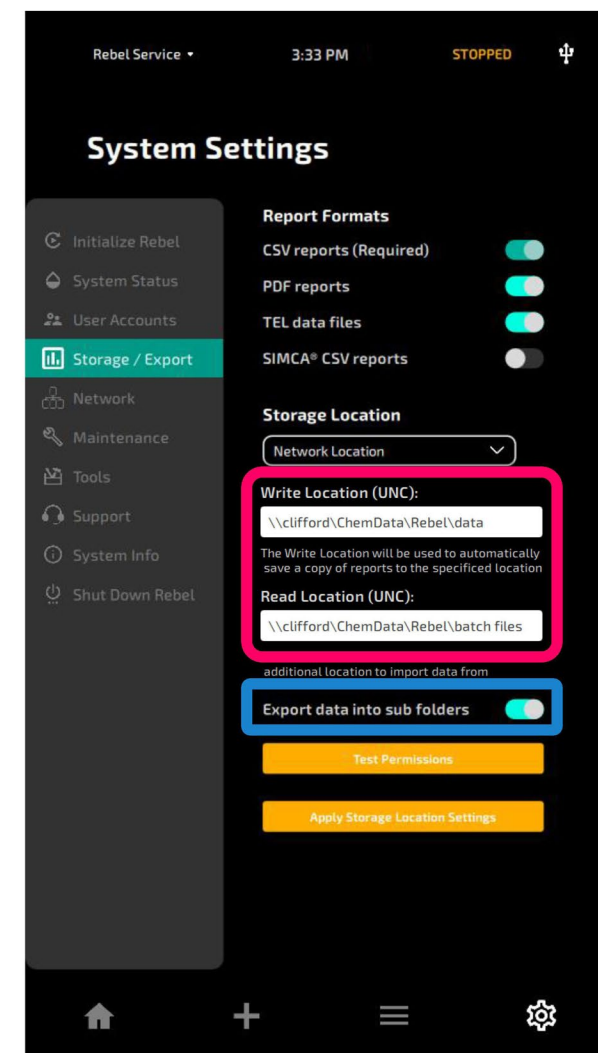
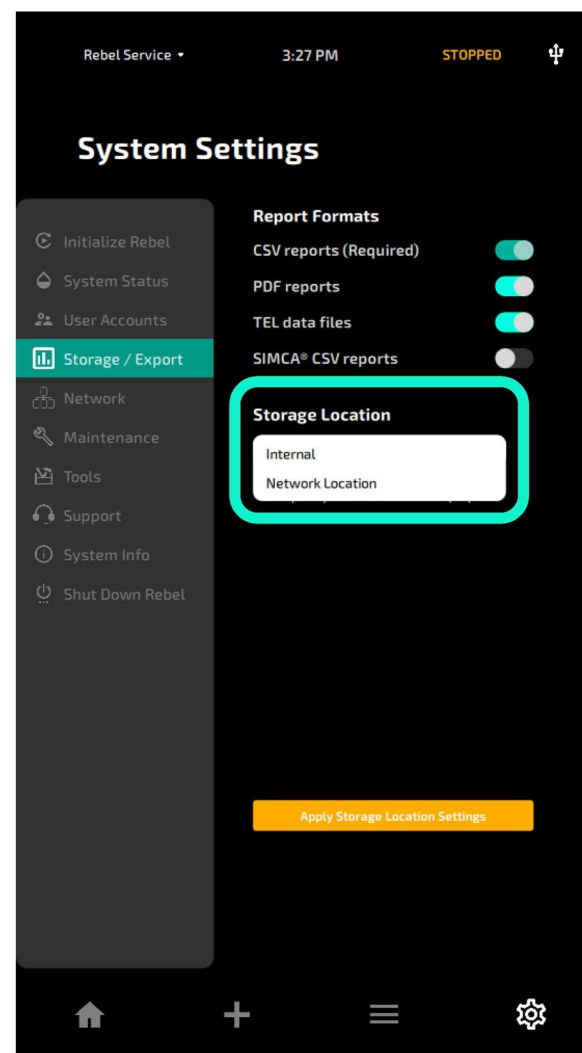
5. **Navigate** to **System Settings** > **Storage/Export** > **Storage location**

6. **Select 'Network Location'** from the drop-down menu

7. **Configure BOTH** read and write locations!

These can be the same path or unique locations. If separate, you can set different read I write permissions for folders on your server.

*We recommend having separate folders for read and write locations as well as **exporting to subfolders**.*



Network Configuration cont.

8. Confirm: Hit 'Test Permissions'

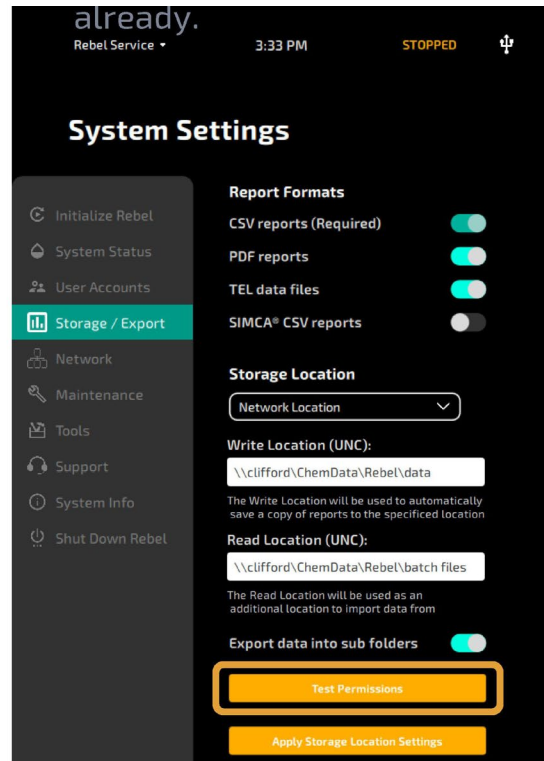
NOTE: Intranet settings may prohibit a ping

9. Credential login (if needed)

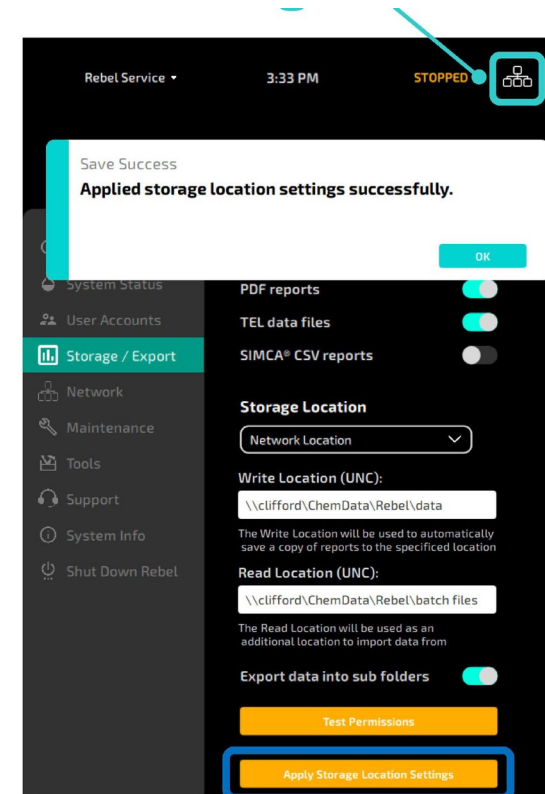
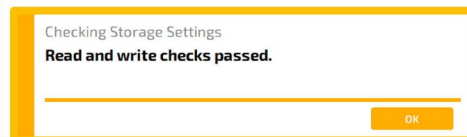
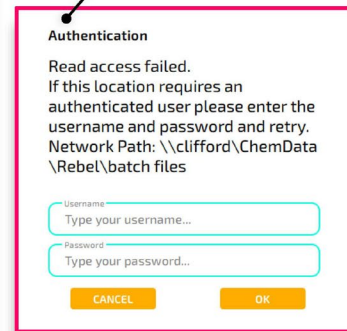
NOTE: A password may need to be created if none exists

10. Required: Click 'Apply Storage Location Settings'

11. Is network configured? REBEL is ready!



Prompts for authentication if required

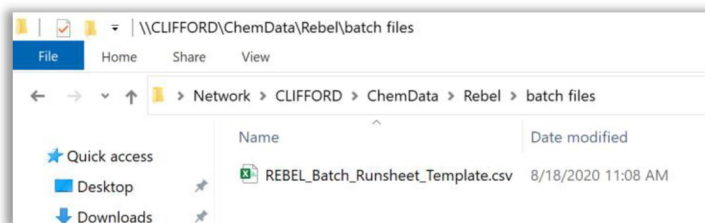


Full Validation of 'Read' Settings

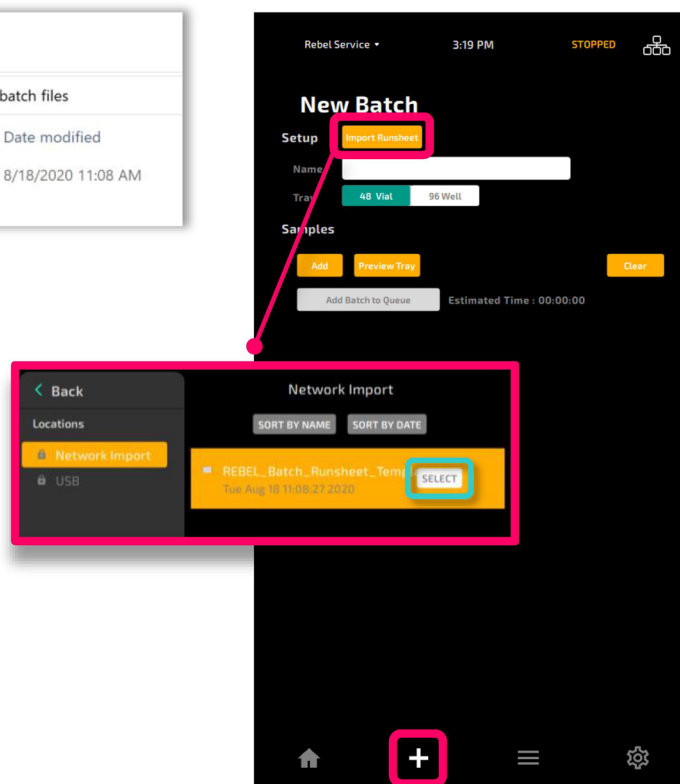
To fully validate network configuration, run a sample

This test should only be performed by personnel who have completed REBEL training

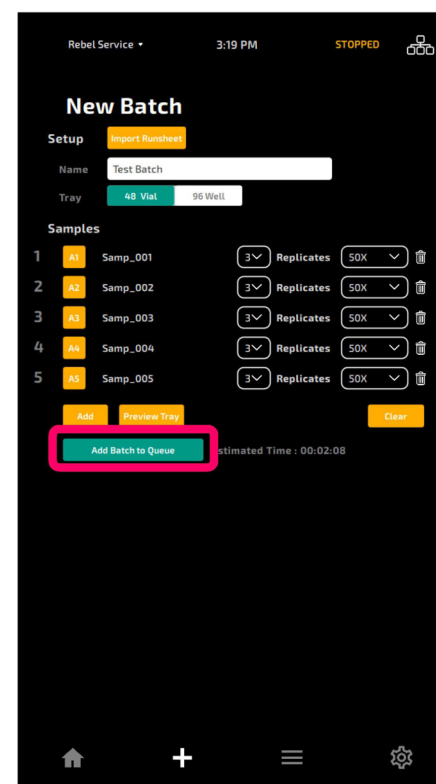
1. Save batch sheet in 'Read Location (UNC)' folder



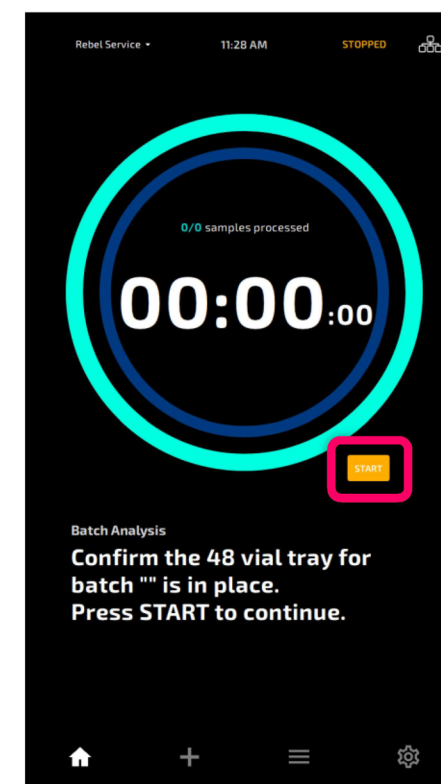
2. Press+, Import Runsheet, Network Import, select Batch



3. Select 'Add Batch to Queue'

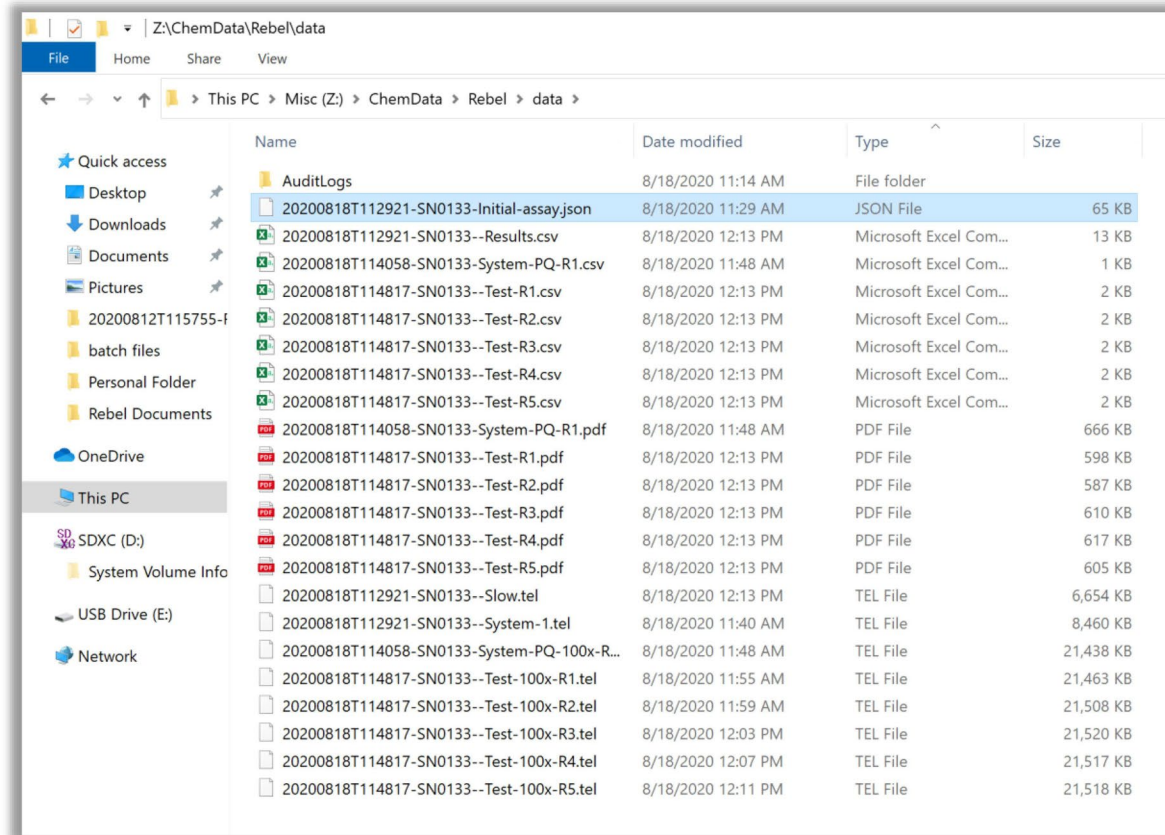


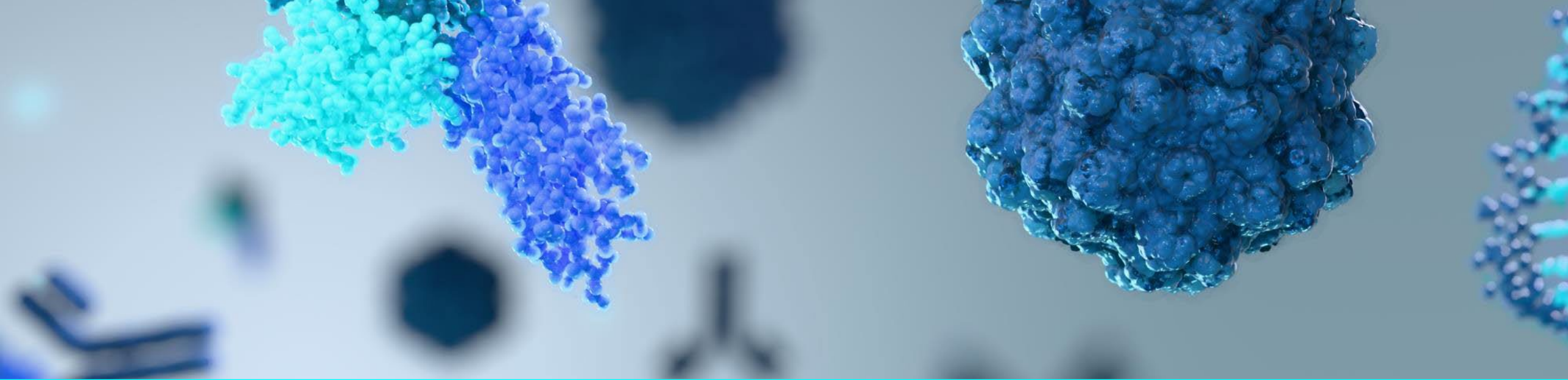
4. START run!



Full Validation of 'Write Settings'

When batch analysis is complete, verify output in 'write' location (e.g., CSV /PDF reports, logs, and TEL)





Thank you

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