

## Green Button Go Is For You

User login accounts with different permission levels

Access auto-generated procedures

Write script in C#, JavaScript, Visual Basic, Python

Have finer control with lower level commands and conditional statements

Simulate for evaluation in real time or accelerated speed with accurate timing

Track samples by barcode ID or user inputs

Error manager for customized error messages or default recovery action

Instrument pooling and offline instrument use without disrupting the run

Easily design user screens for custom input of run parameters

Manage different labware names used across different instruments

Schedule different methods to run simultaneously, at specific times or queue them

Notifications via email, sound, light stack signals, Slack, and Twitter

Large and up to date driver library



## Green Button Go™ Automation Scheduling Software

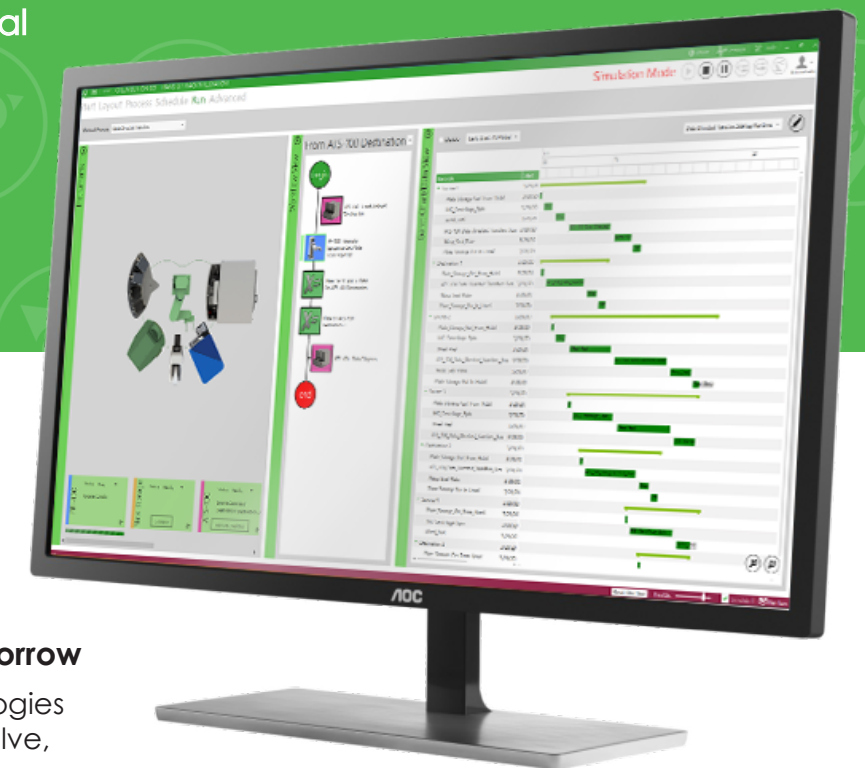
High Data Quality

Robust And Safe Processing

Seamless Workflows Combining Manual  
Operations With Automation

Increase Walk-Away Time With Fully  
Automated Runs

Optimize For Throughput



*We support you in integrating, controlling and monitoring your workflows by offering training, method development support, software upgrades and service agreements.*

### System Requirements:

Recommended PC specifications are Intel Core i5 processor with minimum 4GB of RAM.

### The Software Choice For Today And Tomorrow

Biosero invests in implementing new technologies in its software. Our products continue to evolve, addressing future trends and needs.

The software supports a vast library of drivers and innovative plugins to control instruments, resources and databases, freeing up users to spend less time on monotonous tasks and get more value from data and reports.

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# DESIGN

Only A Few Clicks To Run Your Method

<b>Drag And Drop Process Designer</b>	Quickly design your processes, and for finer control, customize them at the procedure and command level.
<b>Universal Liquid Handler Driver</b>	Assists the user in managing complex liquid handler protocols.
<b>Simulation Mode Test</b>	Get comfortable with your run by testing processes and reviewing runtime data.
<b>Unified Robotic Teach Pendant</b>	The same interface for teaching and managing all plate handling robots ensures a short learning curve and easier support across platforms.
<b>Simple Instrument Control and Configuration</b>	Manage instrument settings and operations from one simple window.
<b>Configurable Storage Content</b>	Storage can be easily managed at startup or runtime, either visually with our intuitive content editor, or edited in tables or with scripts.

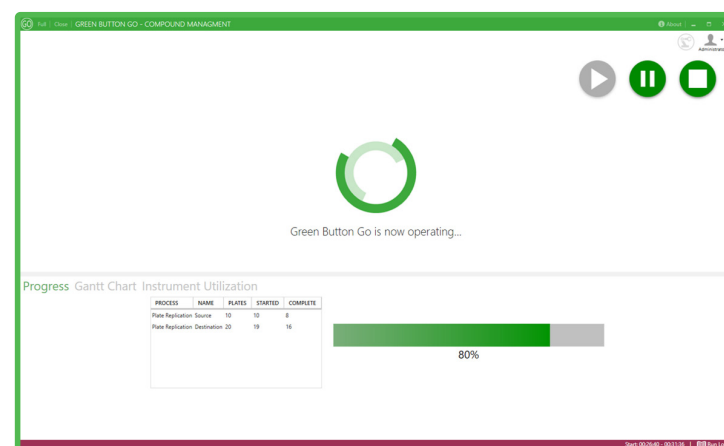


**Figure 1:** GBG includes an optional basic operating environment for simplified operation of your workcell.

# RUN

User Is In Control

<b>Real View Monitoring</b>	Conducive to seeing instrument status, plate location and assay details on one screen.
<b>Liquid Handler Instrument View</b>	Watch the loading unloading of a live deck.
<b>Synchronous And Asynchronous Commands</b>	Have the option whether to wait for an execution to complete.
<b>Avoid Deadlocks</b>	Intelligent deadlock detection, avoidance and resolution.
<b>Runtime Reconfiguration</b>	Modify a process during the run without starting over.
<b>Scheduling Options</b>	Users can schedule simultaneous runs on the same workcell even updating plate input during the run.
<b>Multidimensional Error Handling</b>	Recover and continue the method even following a catastrophic instrument failure.

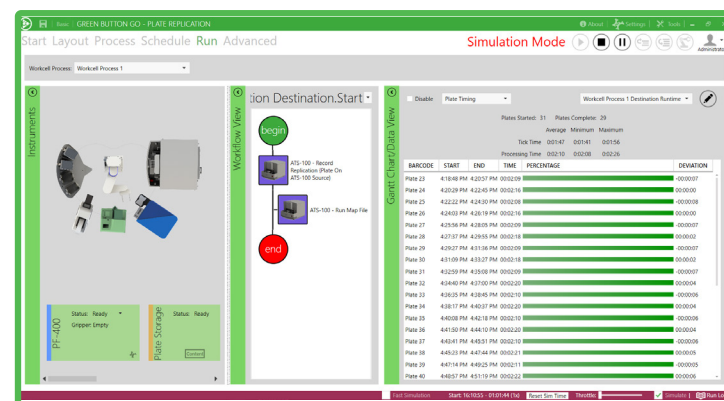


**Figure 2:** In runtime view user is presented with the selection of a few runtime status views.

# ANALYZE

You Have Your Data Stored And Processed

<b>Data Archive Manager</b>	Increase accuracy of predictive scheduler through analysis of archived runs.
<b>User Log Files</b>	Customizable log files updated and accessible during the run.
<b>Data Management</b>	Adaptable data input and post process sample analysis with amenable file formats.
<b>Compatible With Third Party Databases</b>	Import and export data from any LIMS.
<b>Positive Sample Tracking</b>	Real time tracking of all labware on the workcell.
<b>21 CFR Part 11 Compliance Certification</b>	Maintain electronic quality records with audit trails and electronic signatures.



**Figure 3:** Data view for managing and visualizing a run.

## Green Button Go Provides Empowering Answers

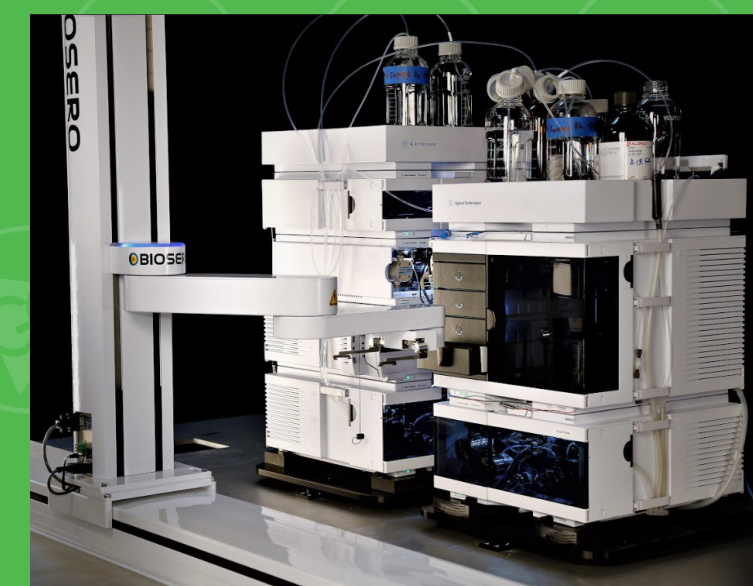
Green Button Go is designed to meet the preferences of every level of user whether for a simplified drag and drop user interface or for writing scripts. Access to advanced scheduling features, such as input parameter screen development, error recovery and external notification make Green Button Go customizable. Whether it is a small automated workcell or a large complicated system of integrated workcells and robotic arms, the software mitigates the software integration challenge.

## Fix An Error And Continue

Green Button Go is your intelligent companion in the laboratory. It allows error handling in real time with effective recovery so that samples can get fully processed. Automated error recovery rules can be configured or if manual intervention is required the user can retouch a robot or edit the process and continue with the run. In case of an irrecoverable malfunctioning device, that device can be replaced, removed from the process, or simulated and prompted for manual processing in its place. Problem plates can be automatically quarantined to ensure successful completion of the workflow.



**Figure 4:** Cell assay system



**Figure 5:** LC-MS System

## Automate Workflows For Diverse Applications

- Compound Management
- High Throughput Screening
- High Content Screening
- Cell And Tissue Culturing
- Genomic Sequencing
- Immunoassays
- Integrated LC/MS