

PBS Software Version 3.0.9 Release Notes

Bug Fixes:

- Fixed an issue where the email sending logic would time out too quickly. This would prevent larger files from being sent. This problem was introduced in 3.0.6, in an effort to prevent the PBS software from continuing to send emails for too much time.

Improvements:

- Limitations on generating report files were introduced in 3.0.3, to prevent the PBS software from crashing when generating a large report. These limitations have been relaxed in some cases, and optimized in others, as follows:
 - Memory – If generating a report takes up more than half the amount of free memory that had been available before the report generation request, the PBS software will halt report generation and present an error.
 - Time – If generating a report takes more than 5 minutes, the PBS software will halt report generation and present an error.
 - Record Number – If the batch or time span requested by the user has more than the record maximum for the report type, the PBS software will not generate the report, and will present an error. The record maximum for each report type corresponds roughly to 10 MB, and is:
 - Process Data: 300,000
 - User Events: 13,000
 - Errors: 33,000
 - Alarms: 86,000
 - Recipe Steps: 134,000
 - If any of these errors occur, then the report may be generated by using multiple shorter time spans corresponding to the desired date range. The memory will eventually clear, but rebooting the Windows computer will allow it to happen immediately.

User Manual Updates:

- The current revisions of the user manual state that the PBS Biotech sending email address can send files 100 MB or smaller. This is stated in step 6 of the “Creating and Editing Alarm Files” subsection of Chapter 5.
 - **Location** – This is stated in step 6 of the “Creating and Editing Alarm Files” subsection of Chapter 5.
 - PBS 3 MAG manual (IL00283 Rev C) page 46
 - PBS 15/80 MAG manual (IL00319 Rev B) page 59
 - PBS 3 MAG-SUS manual (IL00398 Rev A) page 50
 - **Correction** – The actual size limit for generating and sending files is about 10 MB, due to CPU and memory limitations.

New Features:

- This release does not include any new features.