Automated Blender to Accounting

SOILMAP supports "Automated Blenders" This process reads 'Blend Sheets' and creates a file that is sent to an FTP site where the Kahler system can read the file using Kahler software. Kahler then dispenses the product(s)

If setup, SOILMAP can capture the 'As-Blended' information returned by Kahler and send to an 'Accounting Export'
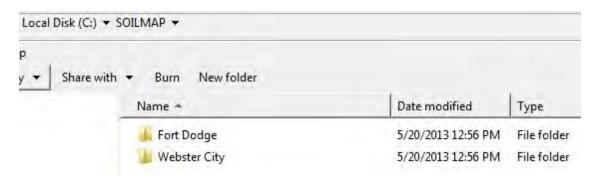
SOILMAP retains the ability for each operator to select any compatible blend sheet even if they were originally intended for another blender.

Not all blenders will have 'automated loopback' Therefore SOILMAP has provisions so that products are not double billed or missed.

(If not familiar with BlendSheets see page 3-22)

Setup Notes
When the export button is pressed a file is sent to an FTP site. The location of the FTP site can be set in the blender information screen in SOILMAP. For each location or blender we will need a directory setup. Example - SOILMAP has two automated blenders. Fort Dodge & Webster City. The FTP setup would look like this:

When the export button is pressed a file would then appear in the chosen directory. The file is then picked up by the Kahler software and the product is dispensed.
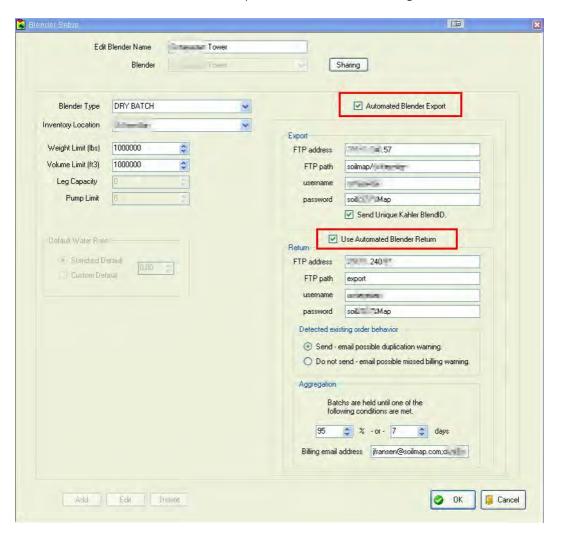
Billing

Once the Kahler completes the blend operation it sends the data to the export location set up in the Kahler software. One file is created for each blend operation and it contains the blend sheet, billing account, product, and quantity information.

It does not contain information about which blender actually performed the operation.

SOILMAP will get that information based on the physical file location. This is why it is imperative that each blender sends to a separate and distinct FTP location.

We will now further discuss the "Loopback" Function. The image below is what the setup looks like in SOILMAP

1. We recognize that it is possible that products may already have been booked for the blend sheet and so we can test for this condition before exporting to accounting. If this occurs SOILMAP can send the data to accounting. A setting in the blending screen determines behavior.

Send - An e-mail will be sent with warning about potential duplicate billing. (Billing details included in e-mail)
Do not Send - Warning is just displayed on screen, with no e-mail sent.

2. Applications (services) are not sent to Kahler and therefore cannot be returned directly by Kahler. We can account for this and add to accounting export file using information on the blend sheet.

3. If a "non-returning" type blender uses a "returning" type designated blend sheet it is likely there was not a booking created. In this scenario and e-mail will be sent stating that a billing was missed.

4. There have been additional SOILMAP reporting reports to show billing activities.

5. We keep a copy to help aid any further trouble shooting activities but the files are deleted out of the export folder once it is ready by SOILMAP.

6. E-mail address for "Billing E-mails" is set at Company level.

7. Aggregation means that as the loopback processes each Blend Sheets information it looks totals all quantities. When it exceeds the threshold, say 95%, it sends it on the accounting. Let's further explain this one: In a simple scenario you have 102,000 lbs o Potash for a blend. Let's say the blender can only hold 25k. After the 4th blend in the scenario above where we have it set to 95%, that would be considered good enough and this would be sent to billing. If it did not meet the 95% it would use the time option which in the above scenario would be 7 days.

8. Billing e-mail address contains a semicolon for multiple e-mail address entries.

Send unique Kahler BlendId
When checked the file adds a "-1, -2, -3" after each BlendId in the Kahler work order column, causing it to be treated as separate jobs and discouraging a mix operation.

Some companies not using SOILMAP loop back may wish to un-check if their current software is expecting the same Blend Sheet ID for each product

SOILMAP Reports
Company Kahler Loopback
When SOILMAP reads the FTP site every few minutes, the data is stored onto the SOILMAP server and the files are read and put into a database. Every item can be looked at using the "Company Kahler Loopback" report. Sub reports can be created to show only items being "held"

Company Kahler Loopback Ordered
Once they are aggregated and sent to accounting they can be viewed using this report. *Note* The duplicate column will be set to 1 if the order was previously sent manually and then resent.