SOLINFTEC

Changelog

SGPA3

Automated Process Management System
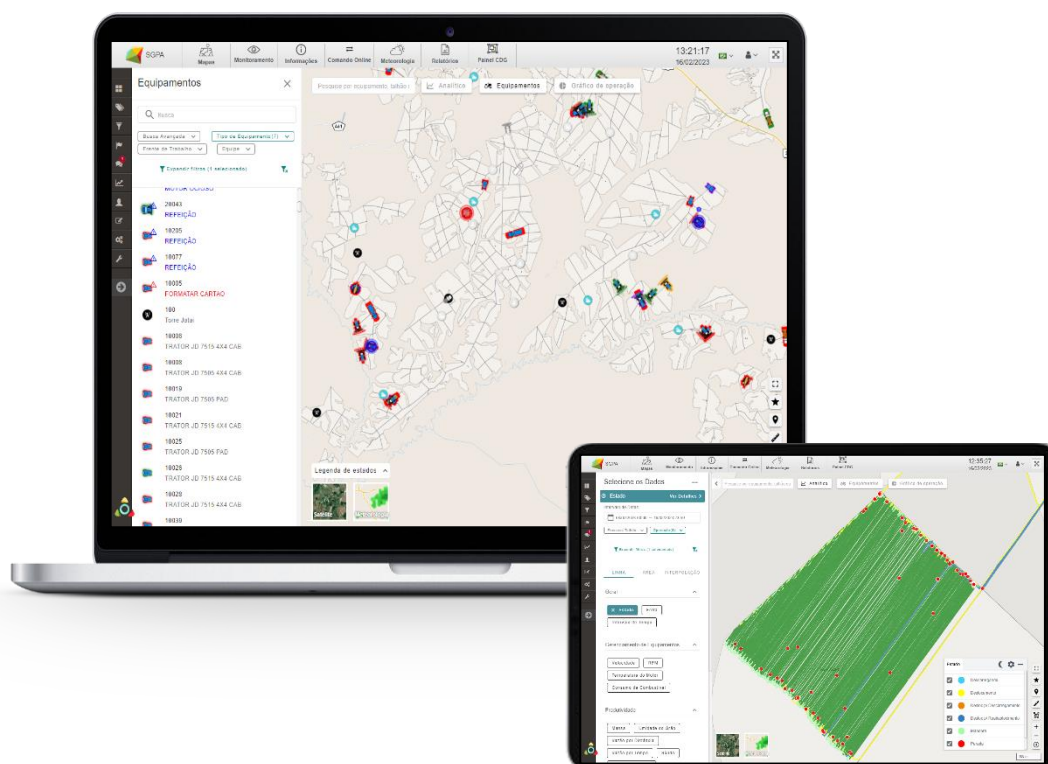
Some applications mentioned in this report may not be available in the feature pack in your SGPA 3.0

Thank you for being a SGPA 3.0 user!

We update our system in order to fix bugs, improve performance and add new features to bring a better user experience and contribute to management with greater quality and efficiency.

Table of Contents

1. SGPA3

1.1 Improvements

1.1.1 Validations Panel – Yield Monitor

Changes made to **Work Order**'s dates. As of this version, the general date of the **Work Order** will be checked up to 5 days behind the initial date and 5 days ahead of the final date (all following the productive day) to update the dates if the Worked Area events are beyond the date initially reported.

The change was implemented because sometimes the dates entered did not include the complete period of data for the Worked Area carried out. This happens at certain times with some specific fields that started before or ended the operation after the period informed in the Yield Monitor, therefore, at the time of its validation the period is not found and finally assigning the dates to the fields as inconsistent.
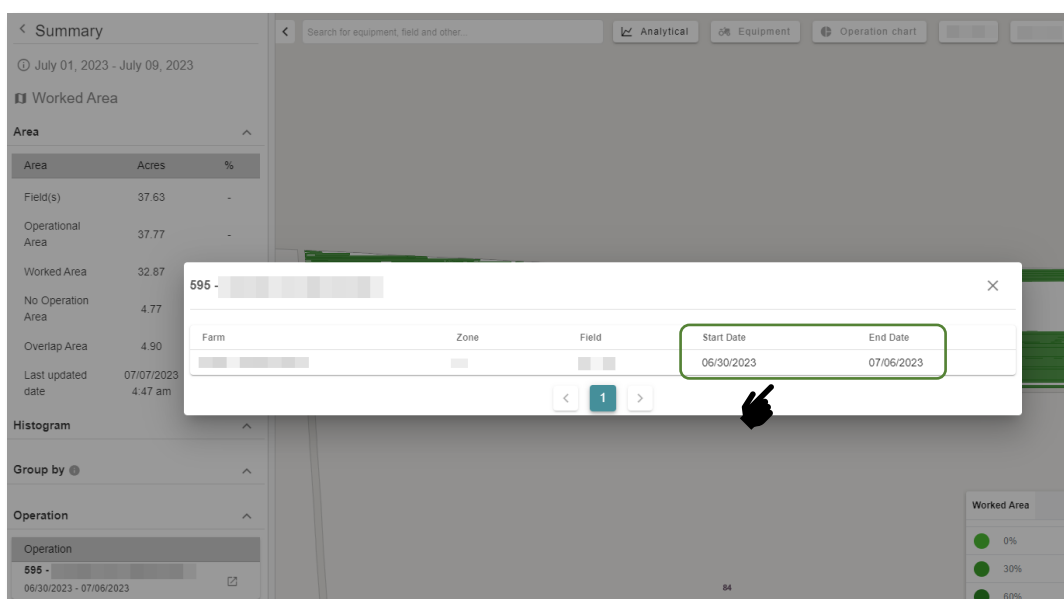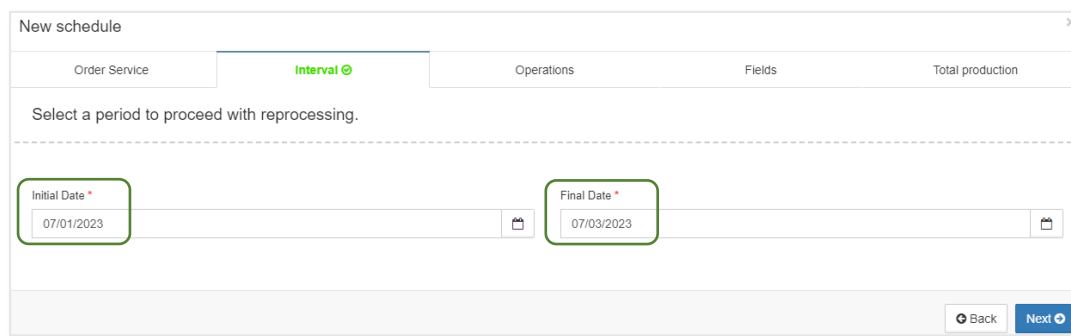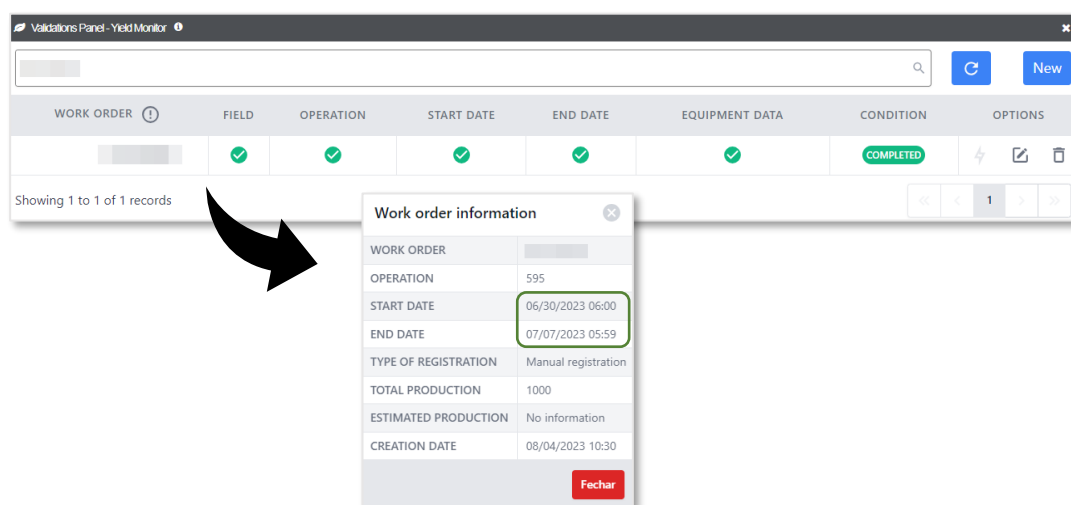

Image 01 – Field Operation Event

Image 02 – Scheduled Dates

Images 03 and 04 – Validations Pannel – Yield Monitor and Work Order information

💬 Go to Top Menu > Validations Pannel and go to Top Menu Menu > Maps > Worked Area > Summary > Operation
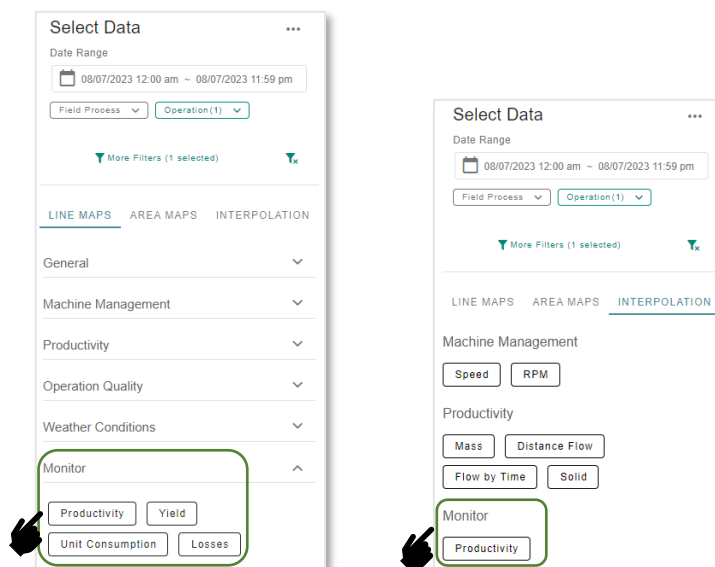
ℹ️ Available for Environments of the Sugarcane vertical that have the Yield Monitor solution enabled.

1.1.2   Maps – Yield Monitor

The "Variability" maps were removed from the Analytical Map. Therefore, the maps that will include the **Yield Monitor** solution as of this version are:

Line Maps – Productivity, Yield, Unit Consumption and Losses;

Interpolation Map – Productivity;

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Images 05 and 06 – Monitor Line Maps and Monitor Interpolation Map

💬 Go to Top Menu > Maps > Line and Interpolation > Monitor

ℹ️ Available for Environments of the Sugarcane vertical that have the Yield Monitor solution enabled.

1.1.3 Monitoring and Records – Equipment Icons

Added new Equipment Model "Grain Harvester" and changed "Cotton Harvester" Equipment Model icon.
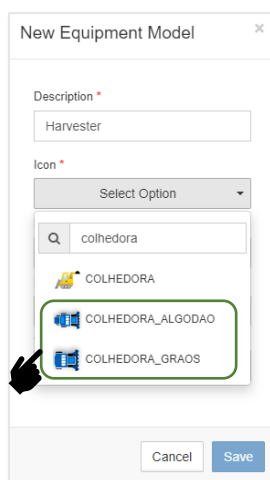

Image 07 – Grain Harvester and Cotton Harvester Equipment Model

💬 Go to Main Menu > Records > Equipment > Equipment Model and go to Top Menu > Monitoring > Equipment

1.1.4 PBI Reports – CDC Cloud

Improvements made to the "CDC Cloud" PBI Report:

– Implemented a new **"Whole Recognition"** tab to display the levels of automatic and manual recognition of fronts and whole cane equipment.

– In the **"Recognition"** tab, the description was changed to **"Chopped Recognition"**.

– Available in the **"Connectivity"** tab, the connectivity indexes for data transmission of the entire cane.
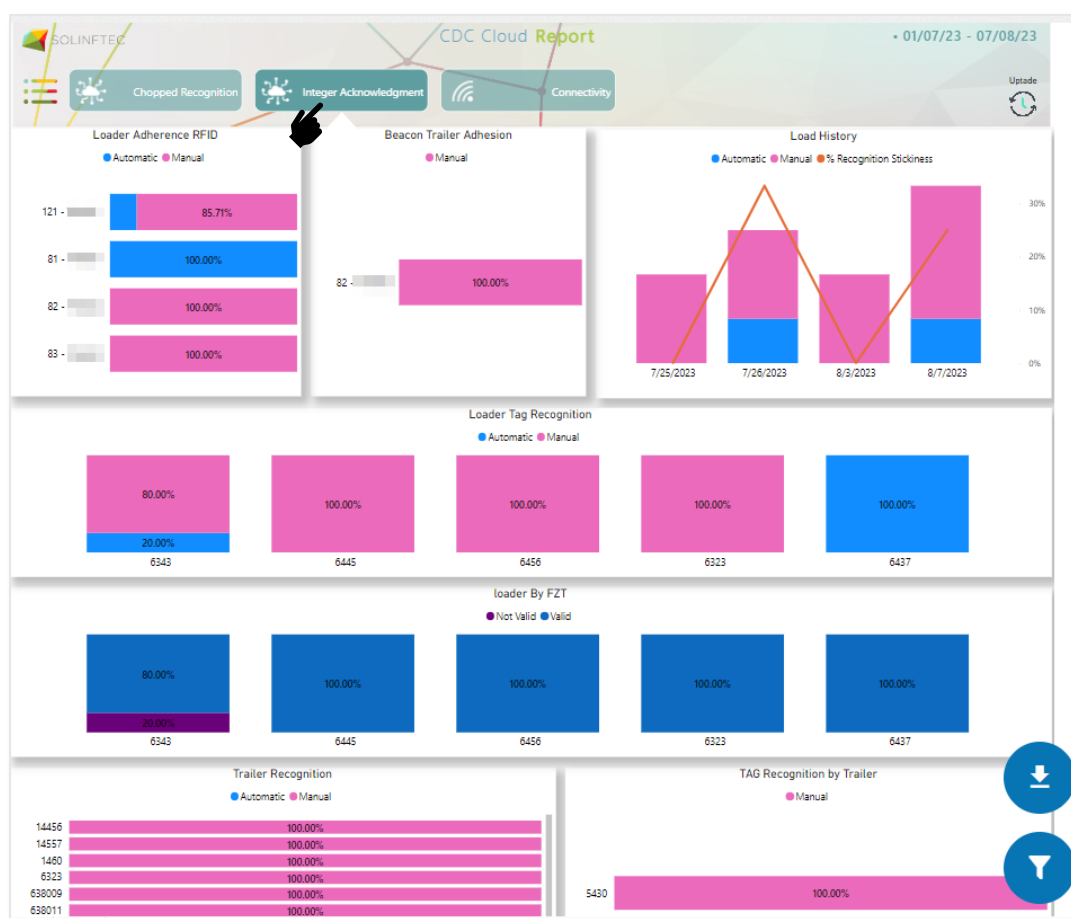

Image 08 – Whole Recognition Tab

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Image 09 – Data from Whole Cane available within the Connectivity tab

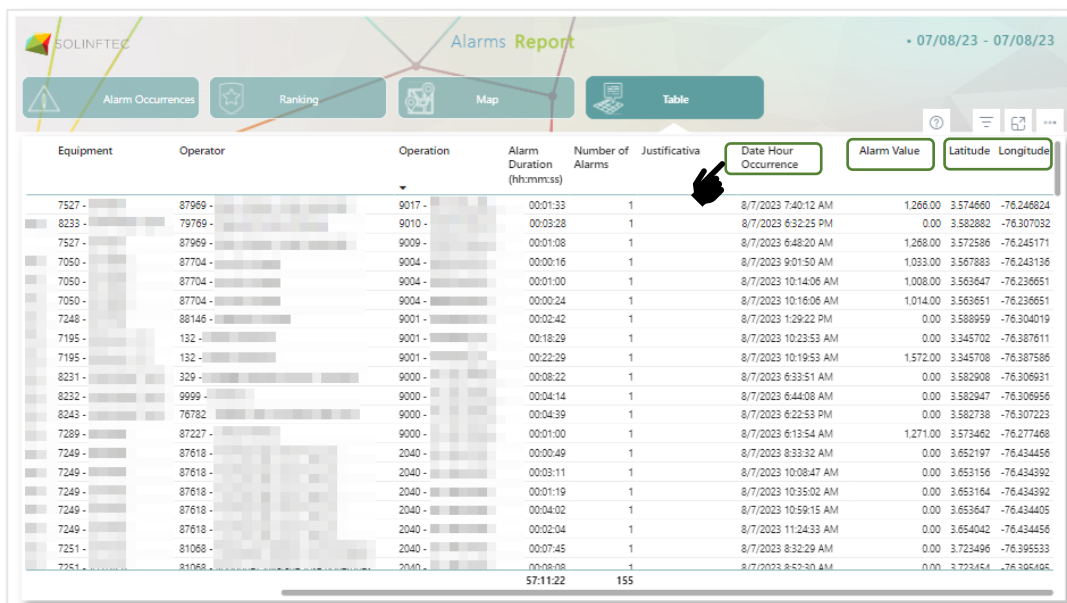💬 Go to Main Menu > Reports > PBI > CDC Cloud

ℹ️ Available for the Environments of the Sugarcane vertical that have the CDC Cloud solution enabled.

1.1.5 PBI Reports – Alarms

Added **Date Time Occurrence**, **Alarm Value**, **Latitude** and **Longitude** columns in the "Table" tab of the "Alarms" Report for the Sugarcane vertical.

Image 10 – Date Time Occurrence, Alarm Value, Latitude and Longitude Columns in the PBI Alarm Report

💬 Go to Main Menu > Reports > PBI > Online Command and Alarms > Alarms

ℹ️ Available for the Environments of the Sugarcane vertical.

1.1.6 Records and Reports Generator – Fuel Management

Improvement made to the "Fuel Management" register to implement the new field "Type" in the Compartment register screen, with the options "1 – Lubricants" and "2 – Filters". All compartments already registered before this modification will have the value "1 – Lubricants" in the Type field. In addition, information regarding the "Compartments" will be available in the "Filter Report" in the "Report Generator".
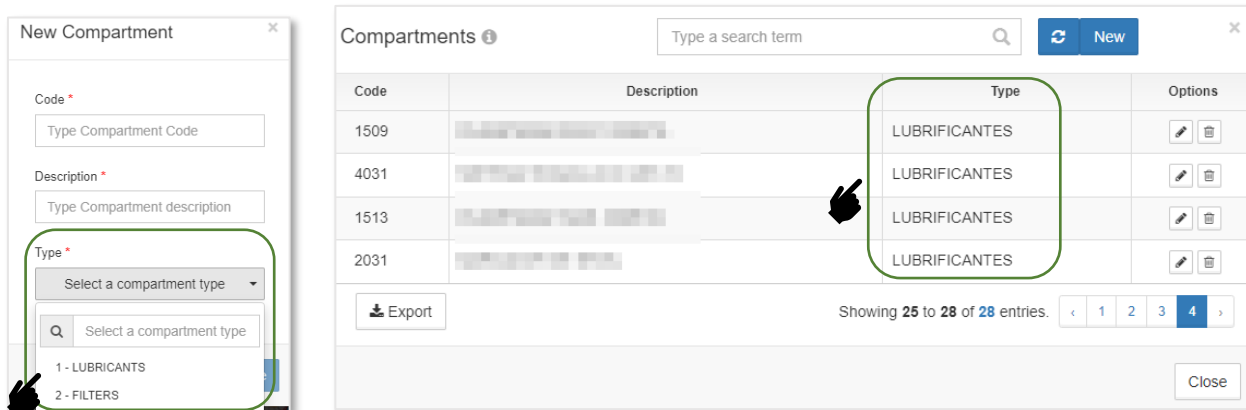
Images 11 and 12 – New field "Type" in the Compartments records

Image 13 – Compartment Column in the Filters Report of the Report Generator

💬 Go to Main Menu > Reports > Report Generator > Report Type > Fuel > Report > Regional/Unit/Equipment/Date – Filter

ℹ️ Available for Environments that have the truck train solution.

1.2 Bugs

1.2.1 Meteorology – Weather Graph

Adjustment made to the **Evapotranspiration** parameter of the **Weather Graph** so when filtering by Hour and Day, the evapotranspiration average is displayed in the graph and in the table, and when filtering by Week and Month, the sum of the averages is displayed.

💬 Go to Top Menu > Meteorology > Meteorology Menu > Weather Graph > Meteorology Information > Select the graph parameter > Evapotranspiration

ℹ️ Applied as a hotfix on 8/2/2023.

1.2.2 Records – Virtual Fence

Adjustment made to the "Virtual Fence" registration screen to allow selecting fields with multiple geometries.

💬 Go to Main Menu > Records > Alerts > Virtual Fences

1.2.3 Records – User Group

Adjustment made in the **User Group** registration to remove restrictions that did not allow saving when the **Unit** did not have linked equipment and when the Equipment Profile had all inactive equipment.

💬 Go to Main Menu > Records > Administration > User Group

1.2.4 Records – Processing Configuration (Telemetry)

Adjustment applied to the **Processing Configuration** screen so when configuring a **Manual Telemetry Processing**, it displays Equipment Types 2 (Transshipment) and 40 (TPL) to select.

💬 Go to Main Menu > Records > Settings > Processing Configuration > Processing > Telemetry > Manual > Equipment > Select Equipment

In case of doubt or further clarification, please contact us via email suporte@solinftec.com.br *or call +55 18 3622 2270.*