Changelog

SGPA3

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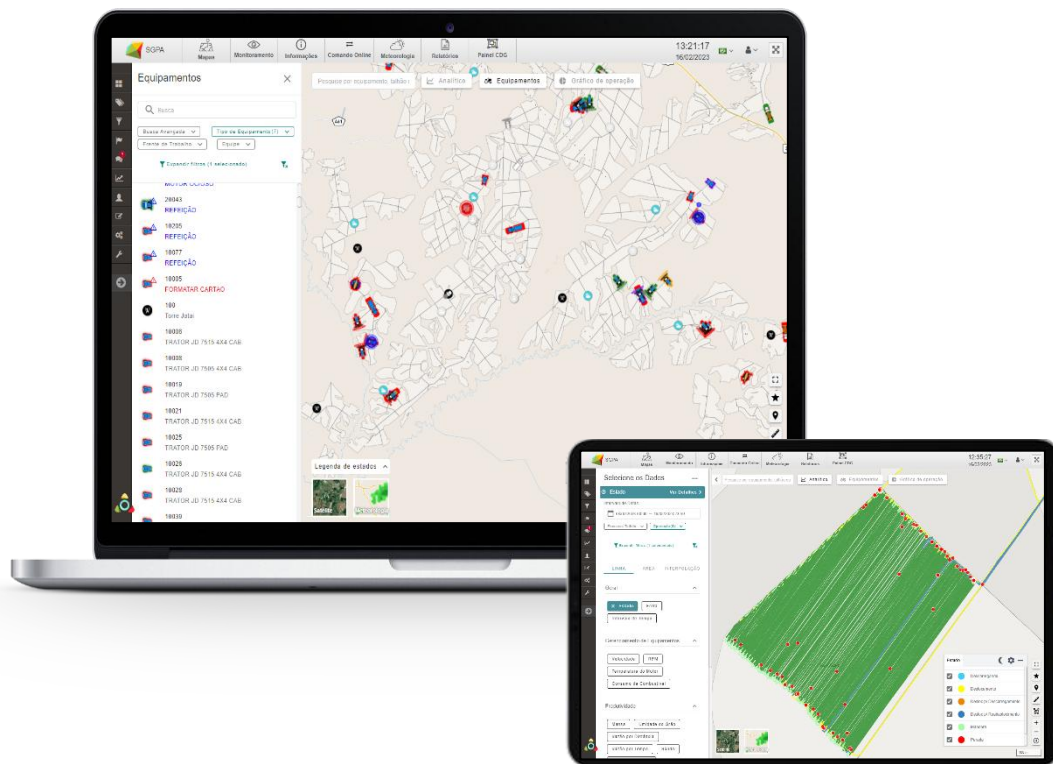
Some applications mentioned in this report may not be available in the feature pack in your SGPA 3.0

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 a management with greater quality and efficiency.

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1. SGPA3

1.1 Improvements

1.1.1 Login – Password Recovery

Improvement made to the SGPA3 Login to implement the "reCAPTCHA" validation tool in the Password Recovery feature, in order to ensure greater security during the user password change process. As of this version, when selecting "Forgot your password?" option, entering the username and email, and clicking on Send, the "reCAPTCHA" tool will be displayed on the screen indicating the selection of the "I am not a robot" check box.
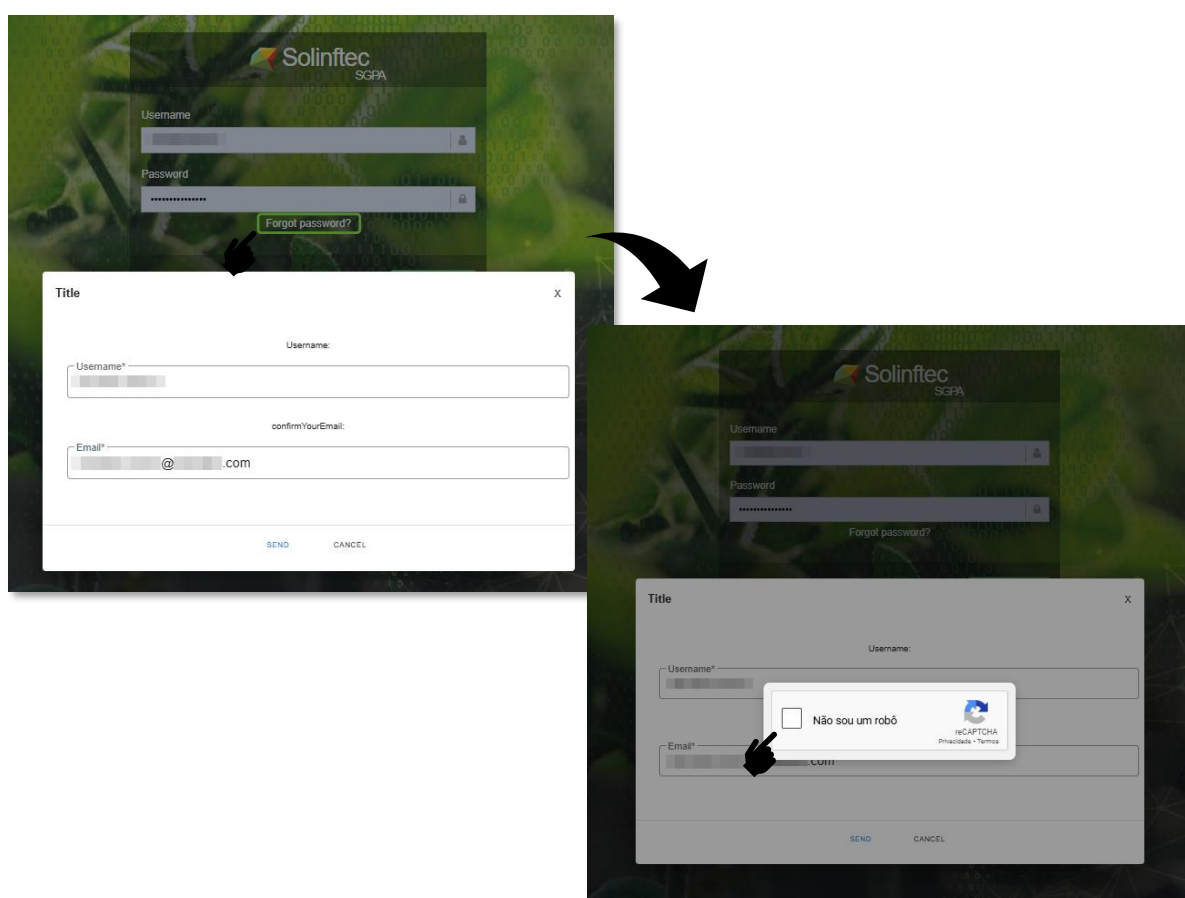

Image 01 – Login option "Forgot your password?" and fields to enter the user's name and email

Image 02 – Password recovery screen displaying the "reCAPTCHA" tool

💬 Go to SGPA3 > Login > Forgot your password? > Recovery password >
reCAPTCHA

ℹ️ It will be implemented on 05/28/2025.

1.1.2 Records and Monitoring – Alarms

Improvement made to Records and Monitoring to implement the "No connection to screen" alarm. This alarm is intended to inform when the connection cable between the Screen and the Board is not connected for an interval of 30 seconds. In this same interval, the alarm can also be triggered if the Screen does not have the "Truck", "Harvester", "Transshipment" or "TPL" application open.
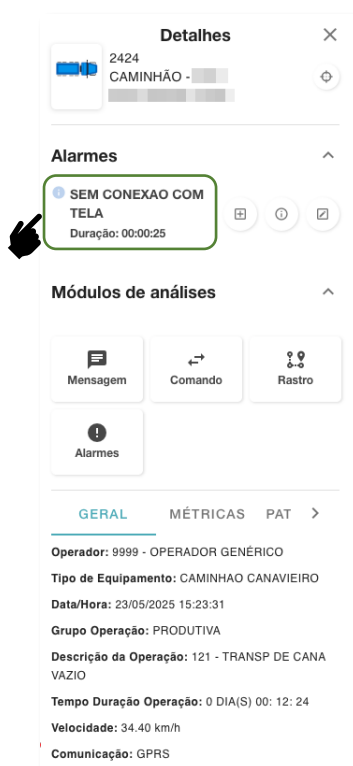

Image 03 – Pop-up of the equipment type "3 – Sugarcane Truck" displaying the alarm "No connection to screen"

💬 Go to Top menu > Monitoring > Equipment > Equipment Pop-up > Alarms in Main menu > Records > Alarms > Alarm by Equipment Type > Alarm Type > No connection to screen

ⓘ Available for Equipment Types "1 – Harvester", "2 -Transshipment", "3 - Sugarcane Truck" and "40 – Light Tire Tractor".

1.1.3 Monitoring – Operation Chart

Improvement made to Monitoring to implement the "Operator" filter in the "Operation Chart".
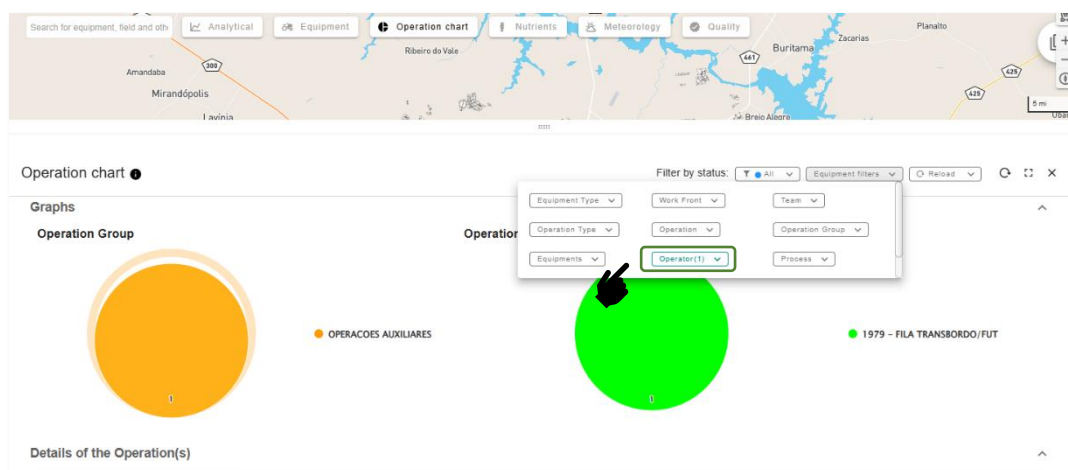
Image 04 – "Operation Chart" modal displaying the "Operator" filter

💬 Go to Top menu > Monitoring > Top menu within the map > Operation Chart > Equipment filters > Operator

1.1.4 PBI Reports – Harvest Planning

Improvements made to the PBI "Harvest Planning" Report, in the "Sugarcane" and "Grains" verticals. From this version on, the report contains the following updates:

• The following columns have been included in the table: Area Worked on Previous Day, Daily Target Achieved %, Calculated Weekly Target, Area Worked

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on Previous Week and Weekly Target Achieved %, enabling the monitoring of operational targets: Total, Daily and Weekly.

- The display of graphs and tables has been changed, when selecting a Process, to display filtered information, hiding information that is not related to the selected option.
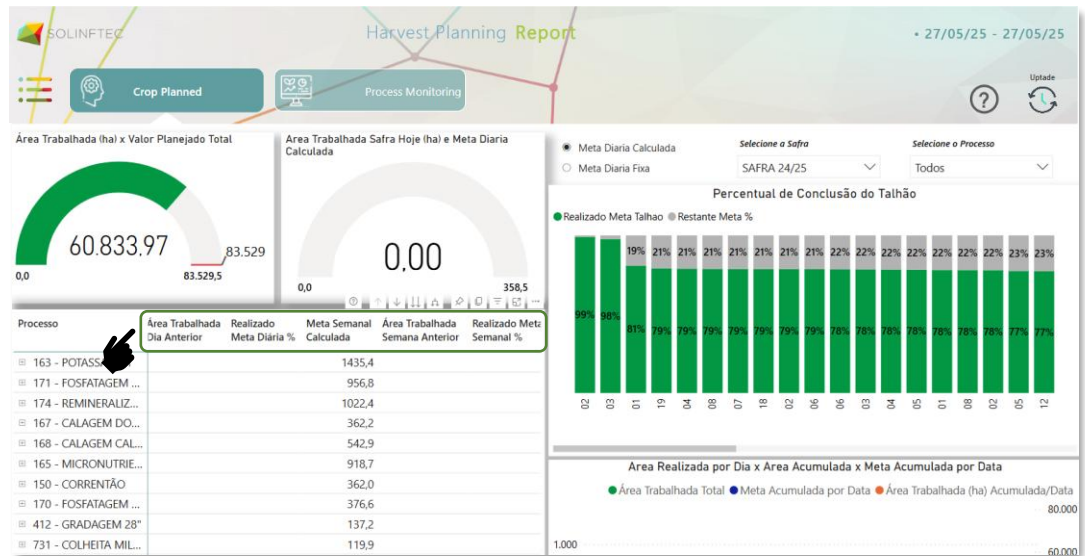

Image 05 – Display of the new columns Area Worked Previous Day, Daily Target Achieved %, Calculated Weekly Target, Area Worked Previous Week and Weekly Target Achieved % in the Harvest Planning report table
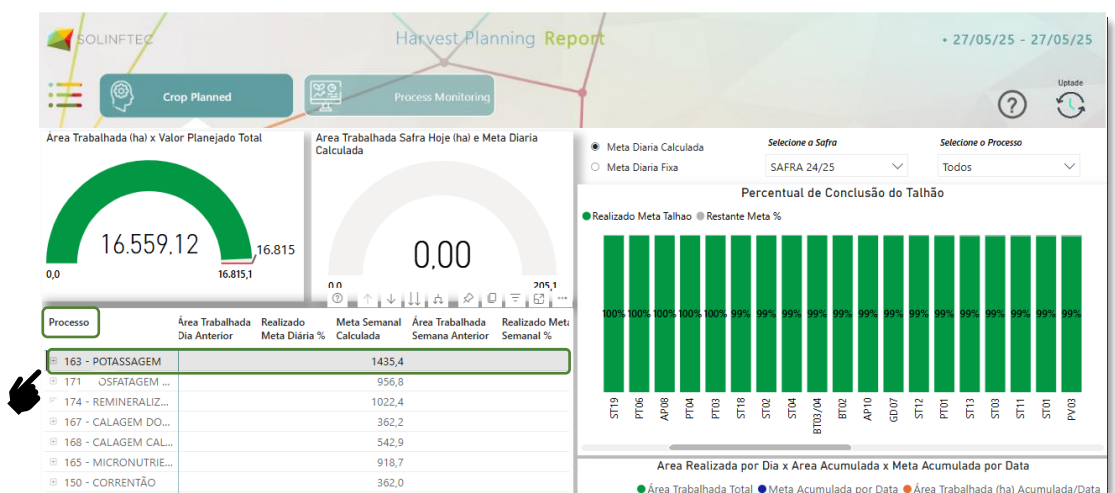

Image 06 – Table displays highlighted only the information of the selected Process

Go to Main Menu > Reports > PBI > Harvest Planning

ℹ️ Available for the Sugarcane and Grains Vertical Environments that have the "Harvest Planning" PBI Report active.

1.1.5 PBI Reports – Worked Area (Sugar Cane)

Improvement made to the PBI Report "Worked Area", of the Sugarcane Vertical. From this version on, in the graph "Worked Area (ha), Missing Area (ha), Missing Area (%) and Field Area (ha)", the Farm and Zone levels were implemented.
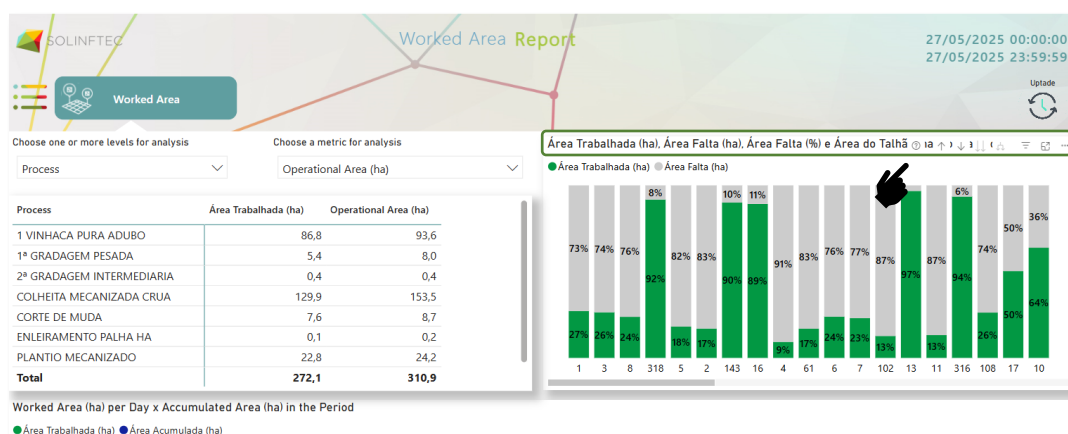
Image 07 – The graph "Worked Area (ha), Missing Area (ha), Missing Area (%) and Plot Area (ha)" allows viewing at Farm and Zone level.

💬 Go to Main menu > Reports > PBI > Map Reports Menu > Worked Area > Worked Area (ha), Missing Area (ha), Missing Area (%) and Field Area (ha) Graph > Farm and Zone Levels

ℹ️ Available for Sugarcane Vertical Environments.

1.1.6 PBI Reports – Operational Variables (Sugar Cane)

Improvement made to the PBI "Operational Variables" Report, of the "Sugarcane" Vertical, to implement the "Efficiency Analysis" tab, which allows the

user to select a target to obtain a visual response on the related efficiencies. The metrics available are described below:

- Goals: Overall Efficiency, Operational Efficiency, Mechanical Availability and Engine Efficiency.

- Graph showing Operational Efficiency and Mechanical Availability per Hour.

- Graph with Time (h) by Unit and Group Operation.

- Table with columns for Overall Efficiency, Operational Efficiency, Mechanical Availability and Motor Efficiency per Unit.

- Table with columns of Operational Time (h) and Time (%) by Operation Group.

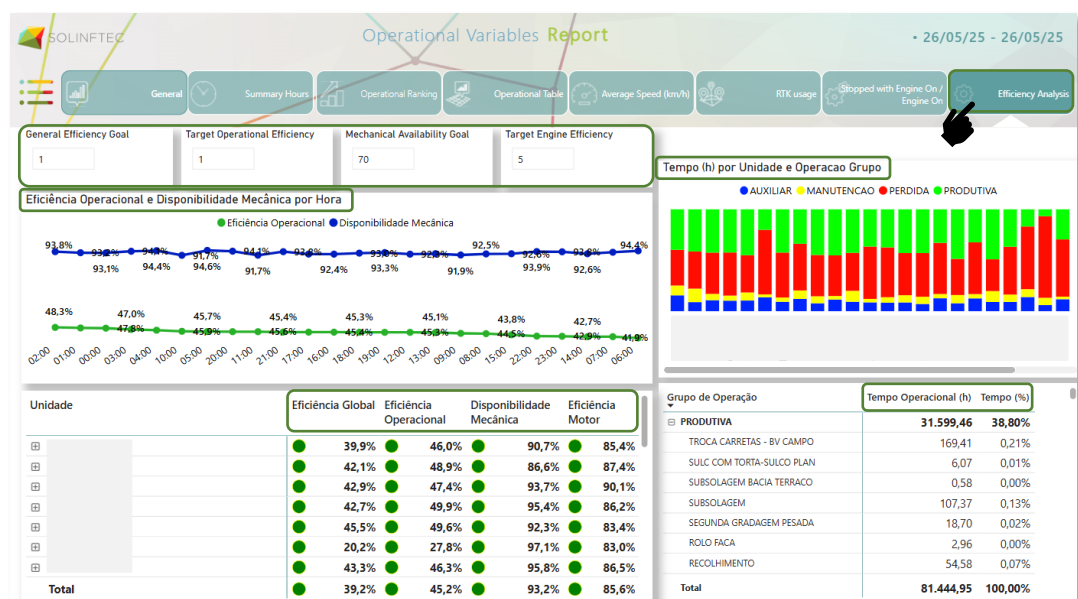Image 08 – New "Efficiency Analysis" tab in the PBI "Operational Variables" report

💬 Go to Main menu > Reports > PBI > Operational Hours Menu > Operational Variables Report > Efficiency Analysis Tab

ℹ️ Available for Sugarcane Vertical Environments.

1.2 Bugs

1.2.1 Maps – Analytical – Worked Area

Adjustment made to the Analytical Map to correctly display the Worked Area data as the Date Range changes. In addition, adjustments were made to correctly display on the map the Worked Area data of Equipment that uses Implements configured with Type "7 – Jet Sprayer 3030 103 NOZZLES", which contain Total Spacing, but without active "Sections".

💬 Go to Top Menu > Maps > Analytical > Date Range Filter > Area > Worked Area and in Main Menu > Records > Equipment > Implement Measurements > New/Edit > Implement Type > 7 – Jet Sprayer 3030 103 NOZZLES

1.2.2 Maps – Analytical – Ideal Flow Rate

Adjustment made to the Analytical Map in order to correctly display the "Ideal Flow" data on the "Flow by Distance", "Flow by Time" and "Flow by Plant" maps.

💬 Go to Top menu > Maps > Analytical > Flow by Distance, Flow by Time and Flow by Plant > Ideal Flow

1.2.3 Maps – CDL

Adjustment made to the CDL (Orange Digital Certificate) module to correctly generate data in the "Productivity" parameter.

💬 Go to Top menu > Maps > Top menu within the map > CDL > Orange Traceability > Parameter > Productivity

ℹ️ Available for Perennial Vertical Environments that have the "CDL – Digital Certificate of Orange" solution active.

1.2.4 Maps and Monitoring – Meteorology

Adjustment made to the Meteorology module in order to display the colors on the "Wind Gust" Climate Map as shown in the Legend.

💬 Go to Top menu > Maps and Monitoring > Top menu within the map > Meteorology > Climate Maps > Wind Gust > Legend

ℹ️ Available for Environments that have the "Climate" solution active.

1.2.5 PBI Reports – Climate x Operation (Sugar Cane)

Adjustment made to the PBI Report "Climate x Operation", from the Sugarcane Vertical, to correct the selection of Farms in the "Flowering Risk" tab.

💬 Go to Main Menu > Reports > PBI > Climate > Risk x Operation > Flowering Risk Tab

ℹ️ Available for Environments in the "Sugarcane" Vertical that have the "Climate" solution active.

1.2.6 Records – Equipment and Implement Measurements

Adjustment made to the "Equipment" and "Implement Measurements" records, to correct translations in the following fields:

- <u>Equipment Registration</u>: "Register GPS distance to hitch point" and "Implement Location" fields received the correct translation into English.

- Implement Measurement Registration: the "Generate by section or line/nozzle" field received the correct translation into Spanish.

💬 Go to Main menu > Records > Equipment > Equipment > New/Edit > Equipment Type > 40 – Light Tire Tractor > Fields Register GPS distance to hitch point and Implement Location and in Records > Equipment > Implement Measurements > New/Edit > Implement Type > 12 – SP – Sections/Lines/Nozzles > Field Generate by section or line/nozzle

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