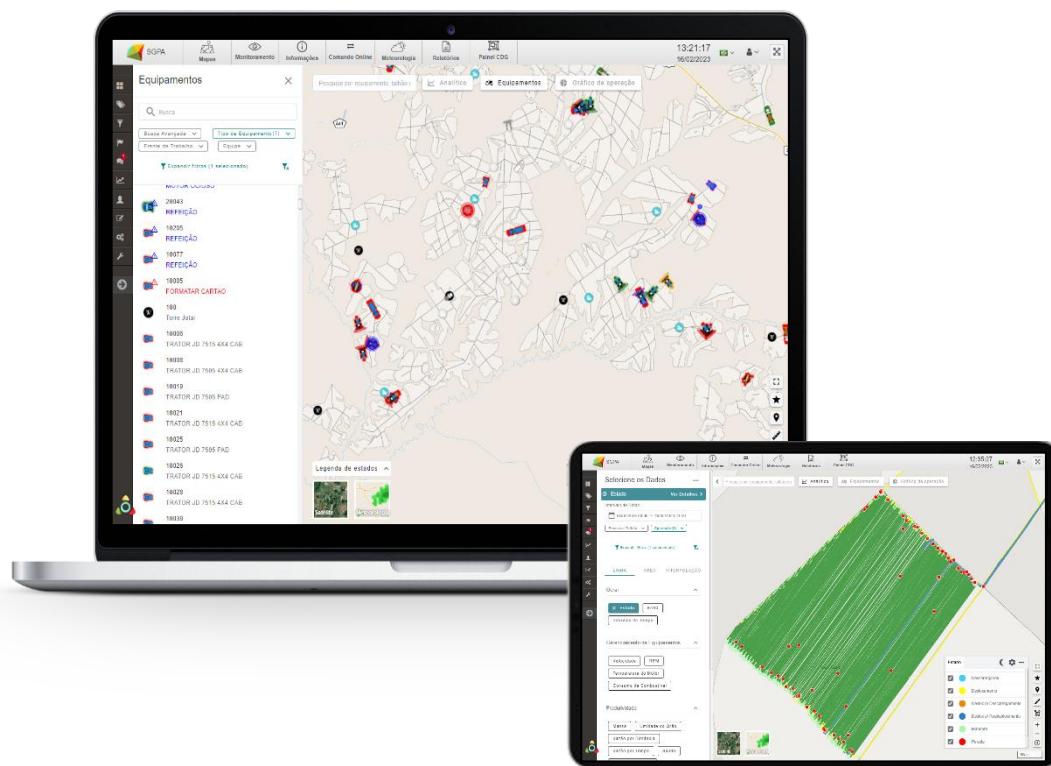


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## Changelog

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### SGPA3 Automated Process Management System



Changelog Version 2025/272

Period: 10/07/2025 to 10/21/2025

Revision 00

Date: 11/04/2025

Some applications mentioned in this report may not be available in the package of functionalities installed in your SGPA 3.0

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Thank you for being a SGPA 3.0 user!

We update our system frequently to fix bugs, improve performance, and add new features to enable a better user experience and contribute to management with higher quality and efficiency.

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## 1. SGPA3

### 1.1 Specific Enhancements

#### 1.1.1 Maps – Analytical

Improvement made to Fertigation to implement a method for monitoring application progress with the help of “programmed speed” and “collection speed” data (existing), i.e., when progress exceeds 60% of the application, partial data is processed hourly, allowing the generation of an application map with a red warning indicating that the data may change. After 24 hours of application, the data is consolidated.

This improvement aims to reduce the processing time for Fertigation application maps.



Figure 1 – Processing after 60%

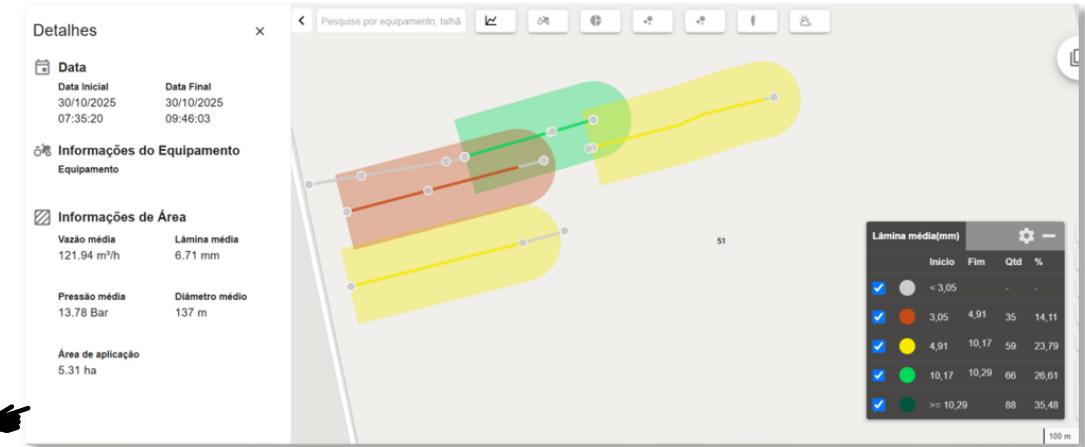


Figure 2 – Processing after 24h

 Access: Top Menu > Maps > Analytical > Select date rage, equipment, and production operation > Line > Fertigation/Irrigation > Average Blade > Application Area.

### 1.1.2 PBI – Efficiency Report

Improvements made to the Efficiency Report, including the following items:

- Activity option for selection in the Analysis Level;
- Included in the General tab of the report, the Average Time (h) per Analysis Level table, which displays the Average Working Time (h), Average Engine Running Time (h), Average Effective Time (h), Average Travel Time, Average Downtime, and Average Maneuvering Time for each selected analysis level, considering operator/day (valid operators only) to calculate the averages.
- Also included in the General tab of the report is the Total and Average Hours Stopped table, displaying the information on Hours Stopped and Average Hours Stopped per Operation.

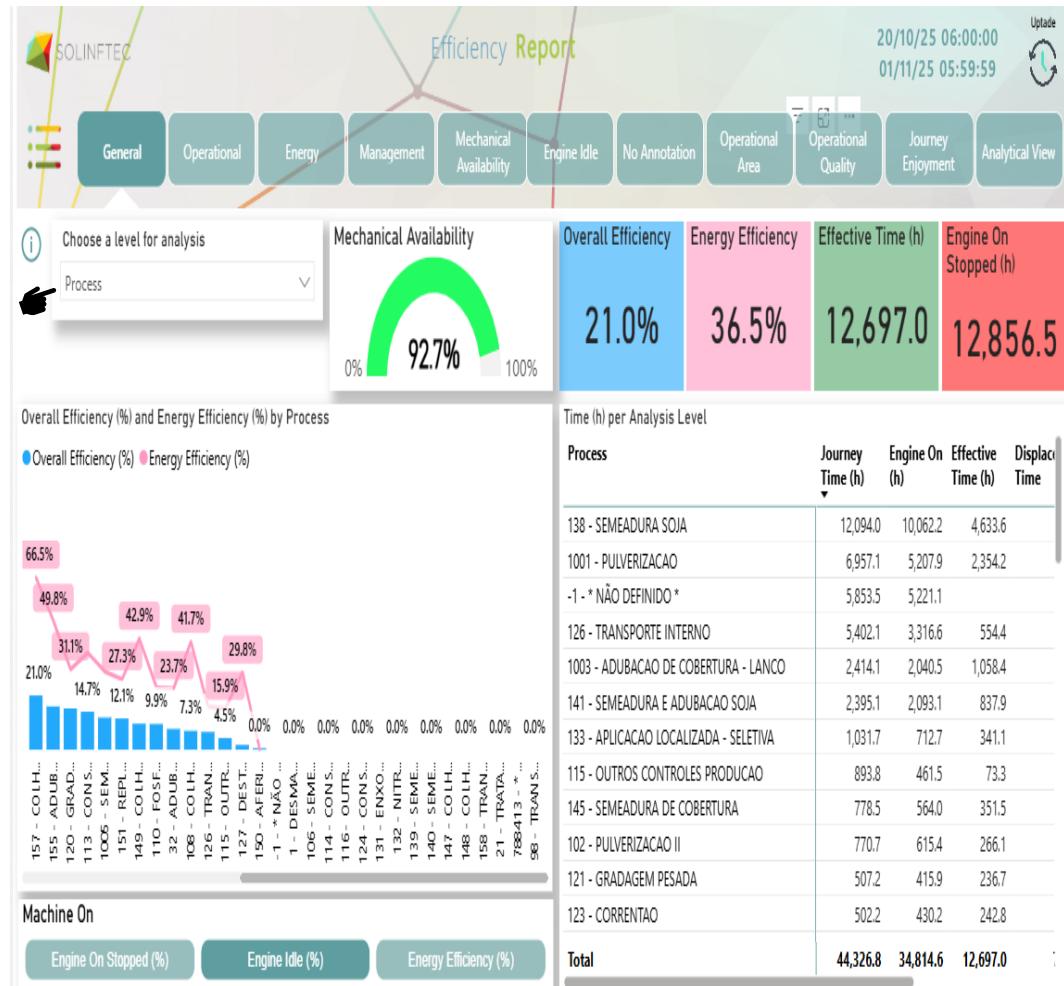


Figure 3 – Efficiency Report

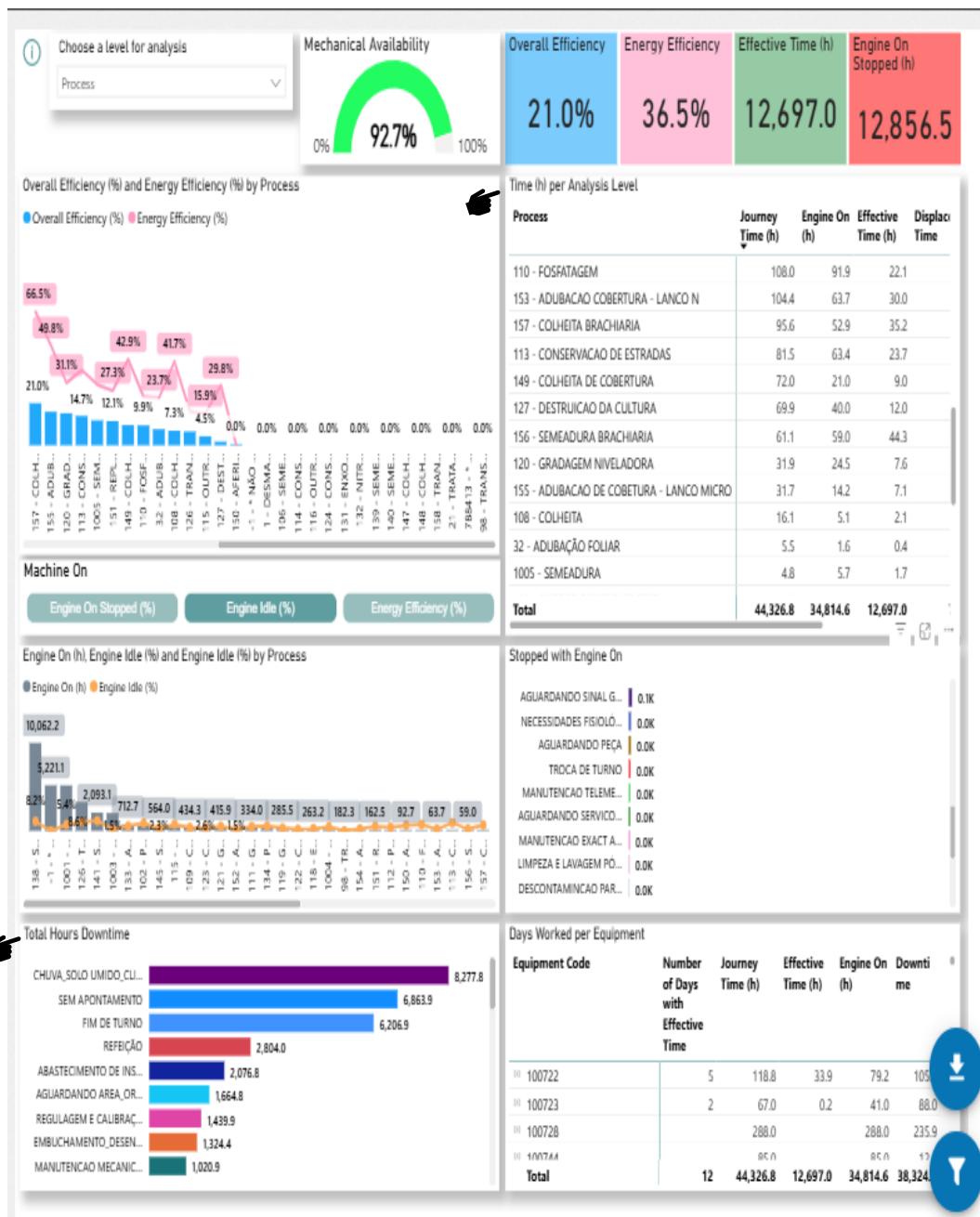


Figure 4 – Efficiency Report



Access: Main Menu > Reports > PBI > Efficiency > General Tab

### 1.1.3 Monitoring – Equipment

Improvement applied to the Monitoring screen, where metric information for the Moto pump and Hidroroll equipment has been added. Once the equipment is online, it is now possible to view the new parameters on the Monitoring panel, extracted from the equipment.

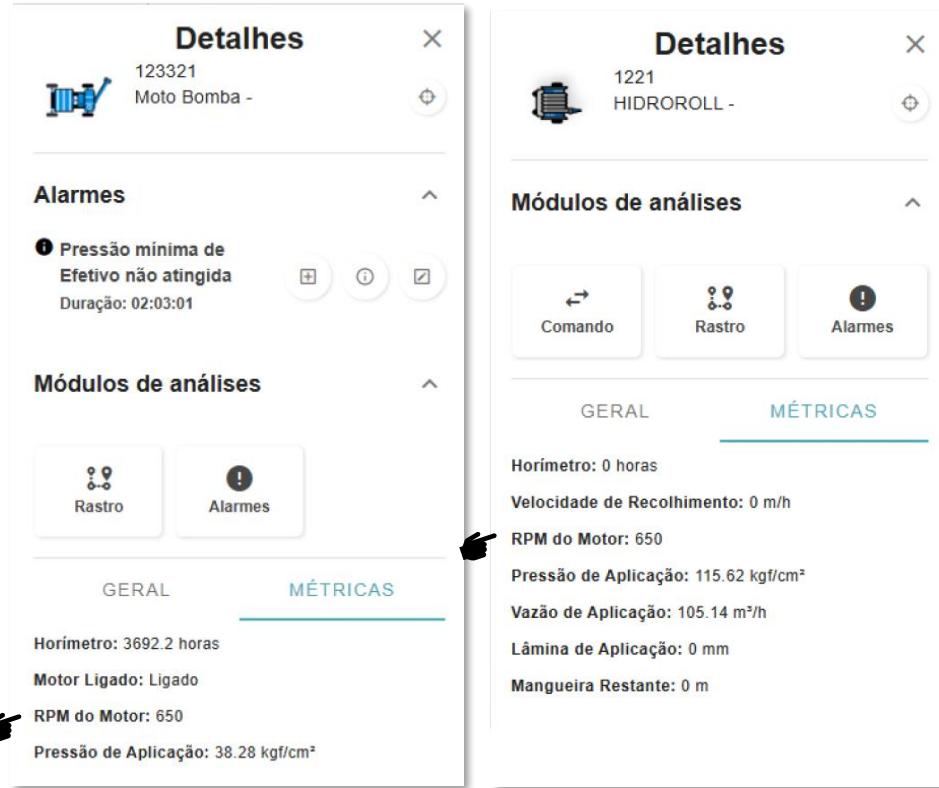


Figure 5 – Equipment Popups (Motor pump and Hidroroll)



Access: Top menu > Monitoring > Equipment > Reel (Hydroroll) and Motor Pump Types > Equipment Popup > Motor RPM Field

#### 1.1.4 Records – Employees

Improvement implemented in the Employee Record, in files exported in .XLS, .PDF, and .TXT formats, to display the Creation and Update columns of the records.

1	Funcionários	2	30/10/2025 10:05:07	3	Código	Nome	Credencial	Cargo	Idioma	Unidade	Situação	Atualização	Criação
893	30102025	TE	[REDACTED]	30102025	ELETRICISTA	JULIA [REDACTED]	Português	OPERADOR GENERICO	Português	Ativo	30/10/2025 10:01:52	30/10/2025 09:50:39	
947	788220	[REDACTED]	[REDACTED]	788220	OPERADOR GENERICO	[REDACTED]	[REDACTED]	OPERADOR GENERICO	Português	Ativo	22/10/2025 14:37:59	21/10/2025 14:52:18	
948	788230	LUCAS [REDACTED]	[REDACTED]	788230	OPERADOR GENERICO	[REDACTED]	[REDACTED]	OPERADOR GENERICO	Português	Ativo	22/10/2025 14:37:59	21/10/2025 14:52:18	
949	788240	LEONARDO [REDACTED]	[REDACTED]	788240	OPERADOR GENERICO	[REDACTED]	[REDACTED]	OPERADOR GENERICO	Português	Ativo	22/10/2025 14:37:59	21/10/2025 14:52:18	
1095	788210	ADRIANO [REDACTED]	[REDACTED]	788210	ELETRICISTA	[REDACTED]	[REDACTED]	ELETRICISTA	Português	Ativo	22/10/2025 14:37:59	21/10/2025 14:52:18	
1269	27102025	TE [REDACTED]	[REDACTED]	27102025	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	Ativo	27/10/2025 15:16:00	27/10/2025 15:16:00	

Figure 6 – Employee Record displaying the Update and Creation columns in the exported .XLS file

 Access: Main menu > Record > Employees > Employees > Export > File type > .XLS, .PDF, and .TXT

## 2.1 Bugs

### 2.1.1 PBI Reports – General Daily

Adjustment made to the Daily PBI Report for the Sugarcane Vertical to reformulate the “Average (ha/day/equipment)” measure, calculating the “Average operating area (ha)” by combination of equipment and productive day, where the “Operating area” > 0.



Access: Main Menu > Reports > PBI > Map Reports > General Daily

### 2.1.2 Monitoring – Equipment Trail

Adjustment made to correctly display values in the Distance field in the Point track Trail detail menu.



Access: Top menu > Monitoring > Equipment > Popup > Trail > Point trail > Distance field

### 2.1.3 Telemetry – Configuration of Failures

Adjustment made in the “Telemetry” module, in the “Configuration of Failures” modal, to allow saving when editing Fault parameters.



Access: Top menu > Telemetry > Config. of failures > Create/Edit > Save



Available for Environments that have the "Telemetry" solution enabled. Item applied for 10/27/2025.

#### 2.1.4 Maps – Working Area

Adjustment made in the calculation of the distance of the "12 - SP- Sections/lines/nozzles" type implement to consider the value of the distance from the GPS to the hitch point, according to the equipment record, in order to generate the worked area with correct displacement.



Access: Main Menu > Registration > Equipment > Implement Measurements > Implement Type > Type "12 – SP- Sections/lines/nozzles", and in Equipment > Equipment > Type 40 – Light Tire Tractor/MAG 100 > Record GPS Distance to Hitch Point, and in Top Menu > Maps > Area Maps > Worked Area



Item applied on 10/08/2025.

If you have any questions or other clarifications, please contact us via email [suporte@solinftec.com.br](mailto:suporte@solinftec.com.br) or call +55 18 3622 2270.