SOLINFTEC
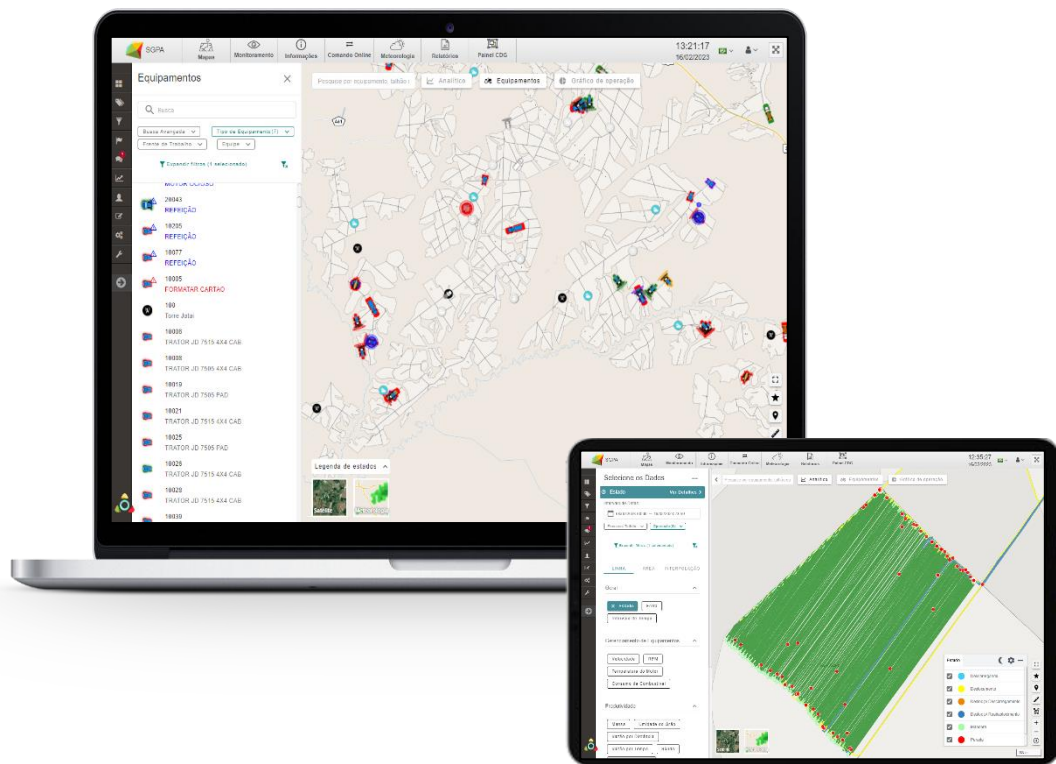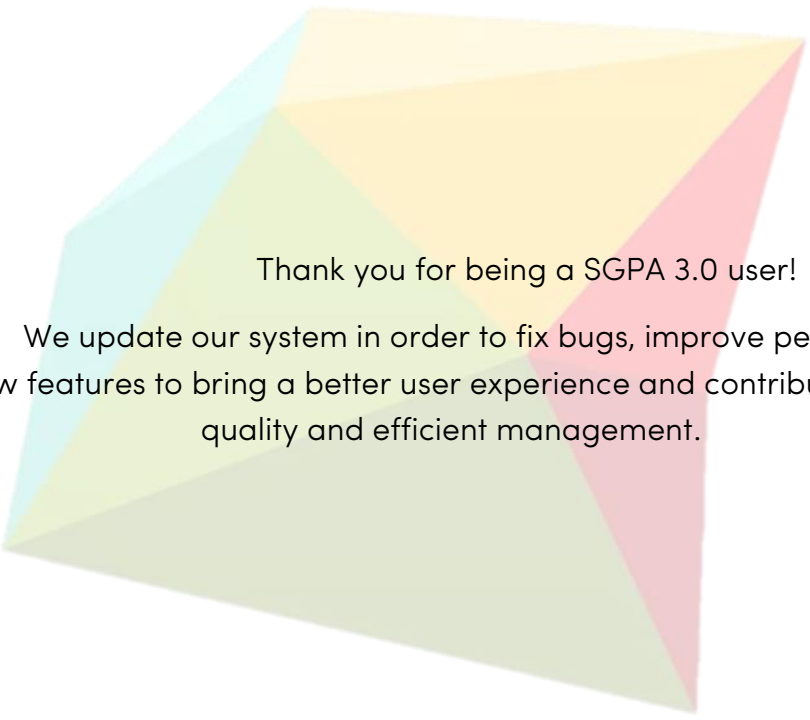
SGPA3

Automated Process Management System

Changelog Version 2023/178
Period: 02/27/2023 to 03/03/2023
Revision 00
Date: 03/13/2023

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 better quality and efficient management.

Table of Contents

1. SGPA3

1.1 Improvements

1.1.1 Maps - Radar

The Weather Radar, responsible for providing weather forecast data (rain, mix and snow), underwent a reformulation and is being re-enabled in production environments (clients).

As it is an experimental version (beta) some adjustments and/or improvements may be applied soon.

Weather Radar historical data will be from 1 hour, with time interval of 30 minutes and forecast data will be from 7 hours, with time interval of 15 minutes.
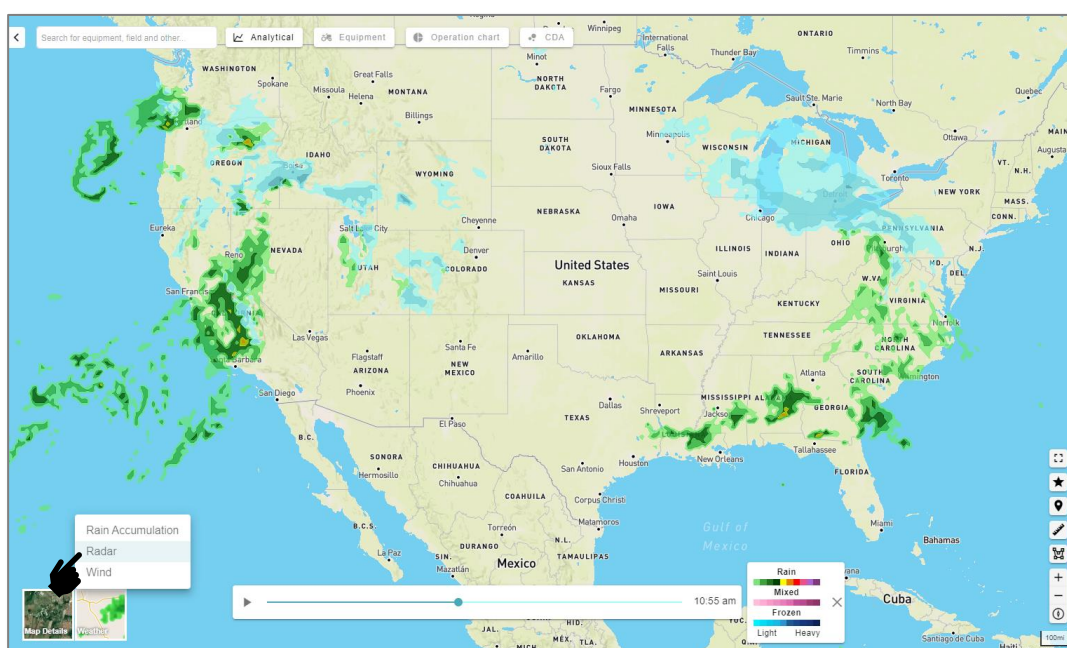

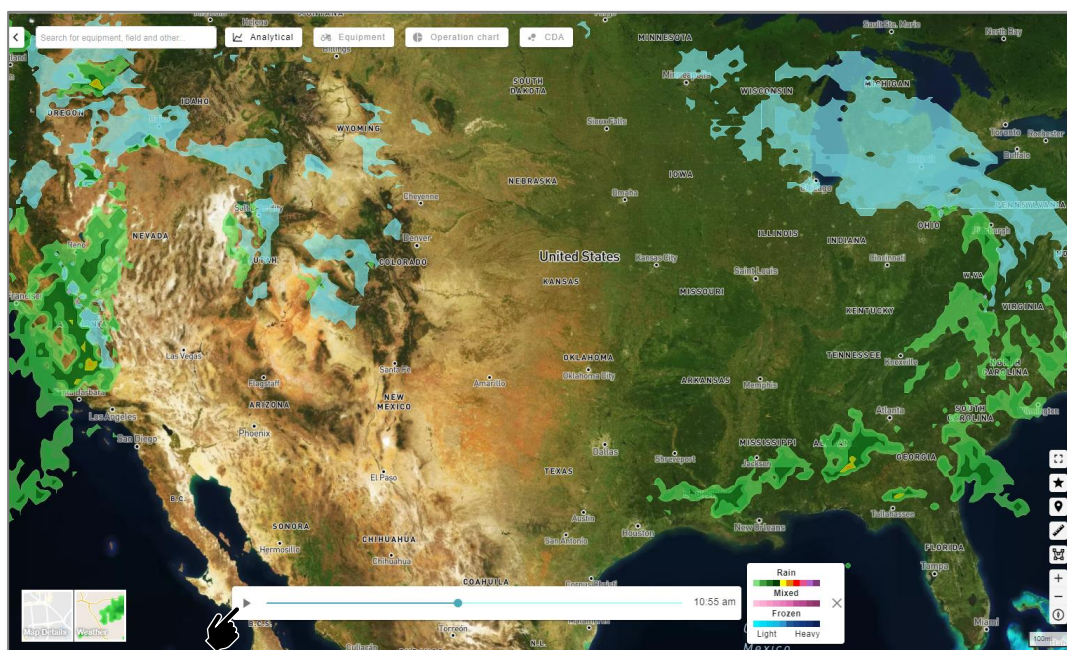Image 01 – Radar (North America Region)

Image 02 – Radar (North America Region) – Satellite View

💬 Go to Superior Menu > Maps > Meteorology > Radar

1.1.2   Online Command

Improvement made in the Online Command "Update Implement Registration (AN)" for Equipment Type 40 – TPL. The fields that received improvements were:

– "Distance from GPS to Implement" allowing to insert 7 digits before the comma and 2 digits after the comma;

– "Torque" allowing to enter 3 digits;

– "Minimum Width" and "Maximum Width" allowing to insert 1 digit after the comma.

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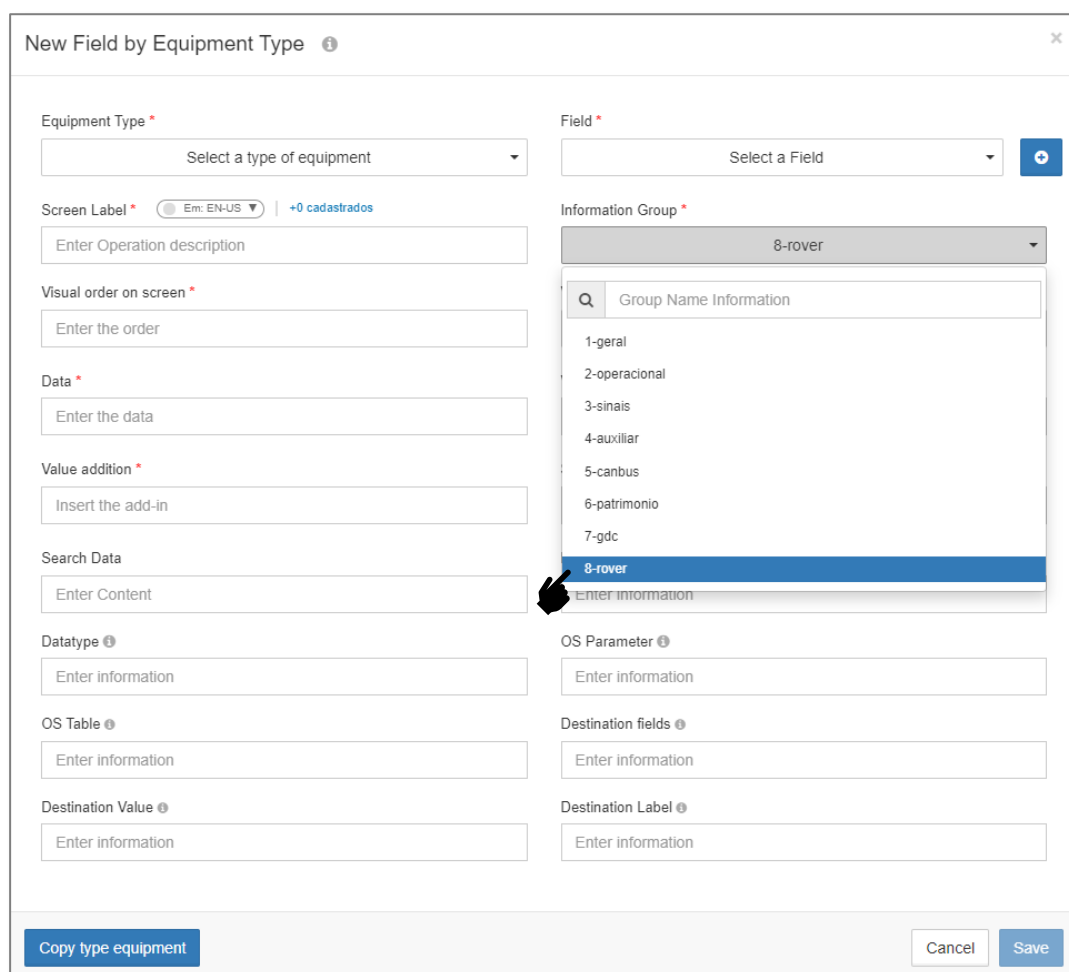Image 03 – Update Implement Registration

💬 Go to Main Menu > Modules > Online Command

1.1.3   Records and Monitoring

Improvement made in the "Field by Equipment Type" register to add the field "8-Rover" in the "Information Group". This improvement aims to display in the Monitoring pop-up data referring to the Rover's RTK signal, as in the "Rover" tab with the "Status", "Accuracy", "RTK Connection" and "Wi-Fi" fields and in the Patrimony tab, the "Rover Serial Number" and "Rover Firmware Version" fields.

This improvement is part of the Trampling Reduction project, which seeks to improve the quality of the transshipment tractor path during the sugarcane harvesting operation.

The "Rover" category will only be available for Transshipment type equipment and the ones that have the "Trampling" function activated in the on-board computer firmware.

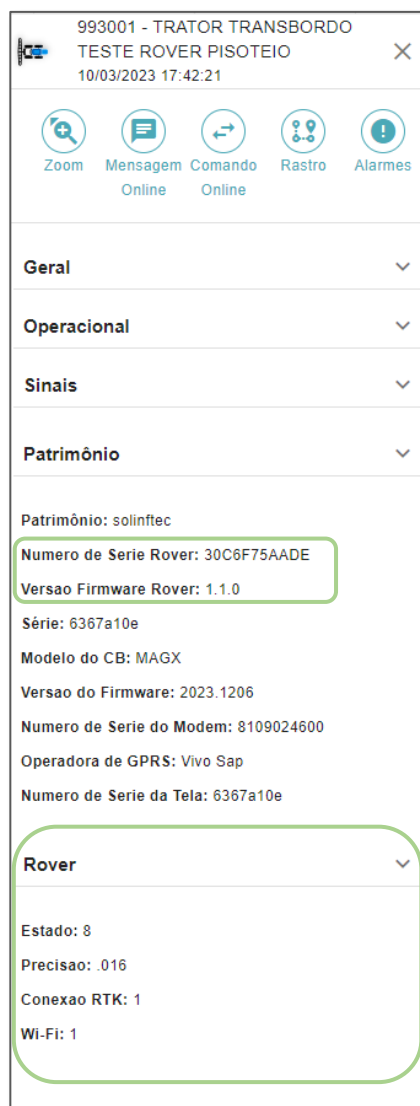Image 04 – Field by Equipment Type register

Image 05 – Rover Tab

💬 Go to Main Menu > Records > Settings > Field by Equipment Type

ℹ️ Available for Sugar Cane vertical environments.

1.1.4   Records – Rain gauge parameter

Improvement made to the Rain Gauge Parameter Register to add a new sensor, the "DAVIS Model 6464 Colher", which will be linked to the Rain Factor "DAVIS 6464 COLHER".
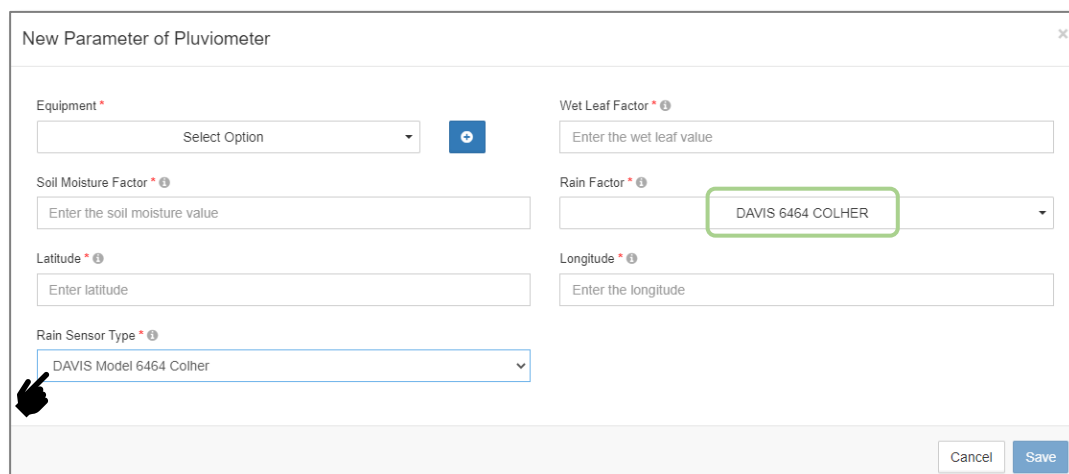
Image 06 – DAVIS Model 6464 Colher sensor

💬 Go to Main Menu > Records > Equipment > Rain Gauge Parameter

ℹ️ Function enabled for environments that have Rain Gauges

1.2 Bugs

1.2.1 Records – Branch

Adjustment made to bring the Brasilia time zone if there is no time zone registered in the Branch registration.

💬 Go to Main Menu > Records > Administration > Branch

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