INFINITY

+INFINITYSYSTEM

+INFINITY

An innovative system of navigation which allows more robots to work together and handle very big surfaces simultaneously.

The Cloud system gives each robot a portion of the area to mow, based on a geographical distribution of each manoeuvring area within the dynamic borders.

The management of very wide areas such as air fields, golf courses, football fields and parks becomes easier. The sophisticated cutting and navigation systems grant the coverage of the area in the shortest time possible, without neglecting any space and with very high accuracy.

Available from April 2020.

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ACTIVATION

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The **+Infinity** data plan must active on each robots where the *+InfinitySystem* feature is enabled

The **+Infinity** data plan can be activated only in the following models: 7250EL0, 8250EL0, 8350EL0,8400BA0, 8400DE0, 8040EL0 and A041EL0

The **+Infinity** data plan can be activated through voucher (provided by ZCS) or from credit card in Remote app

The **+Infinity** data plan can be activated on single robot even if the robot does not belong to a group

The **+Infinity** data plan cannot be activated in every country

Available from April 2020*.

* Before that date we will relaese all the necessary documentation

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APP REMOTE

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Enable and disable the **+InfinitySystem** for a robot

Add and remove robot from a **team** and different team identification

View the **map** where the team is working (indication of the partition worked by each robots)

+INFINITY **section**: that collects the robot where the +InfinitySystem is enabled anmd grouped in different teams

Informantion about the +Infinity **data plan**: in which robot is activated, monthly data threeshold, expiration date (with specific notification)

Team **synchronization** between devices with same account

Wizard to link the robot to a specific transmitter

Available from April 2020*.

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EXPIRATION

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The +Infinity data plan lasts for 1 year

The +Infinity data monthly traffic is 30 Mb

Notification to the customer connected with the robot are send: when the data monthly traffic is at 50%,. 75% or 100% of the maximum or when the data plan is close to the expiration date.

When the +Infinity data plan is expired, all the +Infinity feature are stopped. It is a different data plan with respect the standard one, so the standard remote connettivity features are granted.
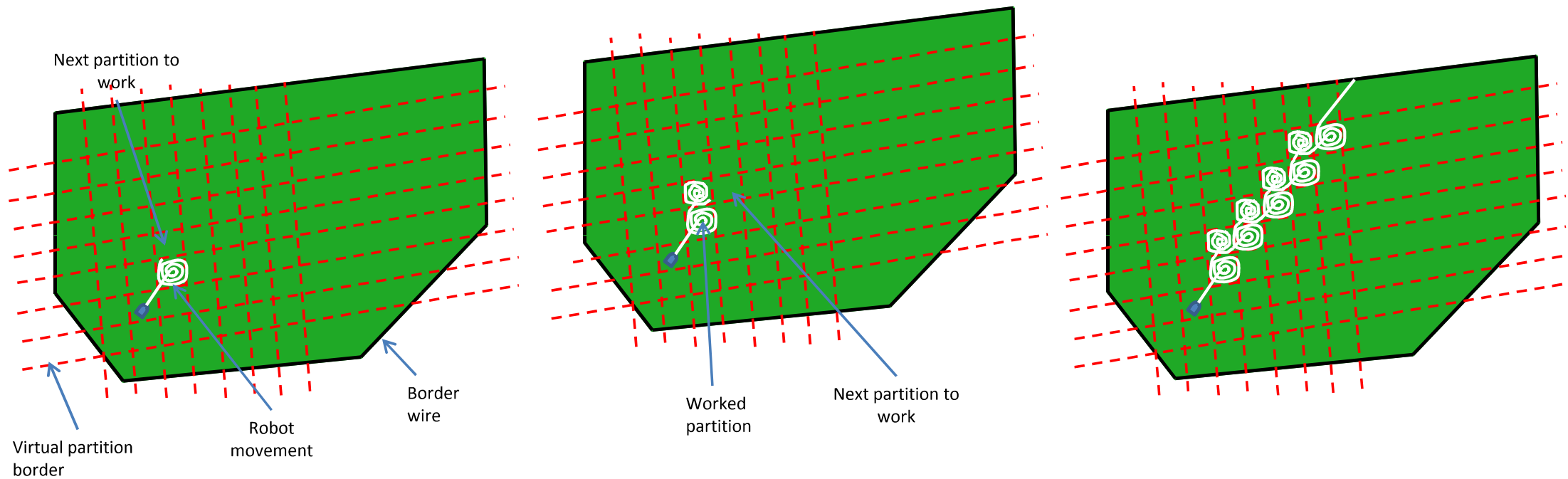
Available from April 2020*.

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SOFTWARE IMPROVEMENTS

Next partition to work

Virtual partition border

Robot movement

Border wire

Worked partition

Next partition to work

The robot follows a straight line to search the next partition to work

SDM (smart dinamic mowing)

2020 VERSION

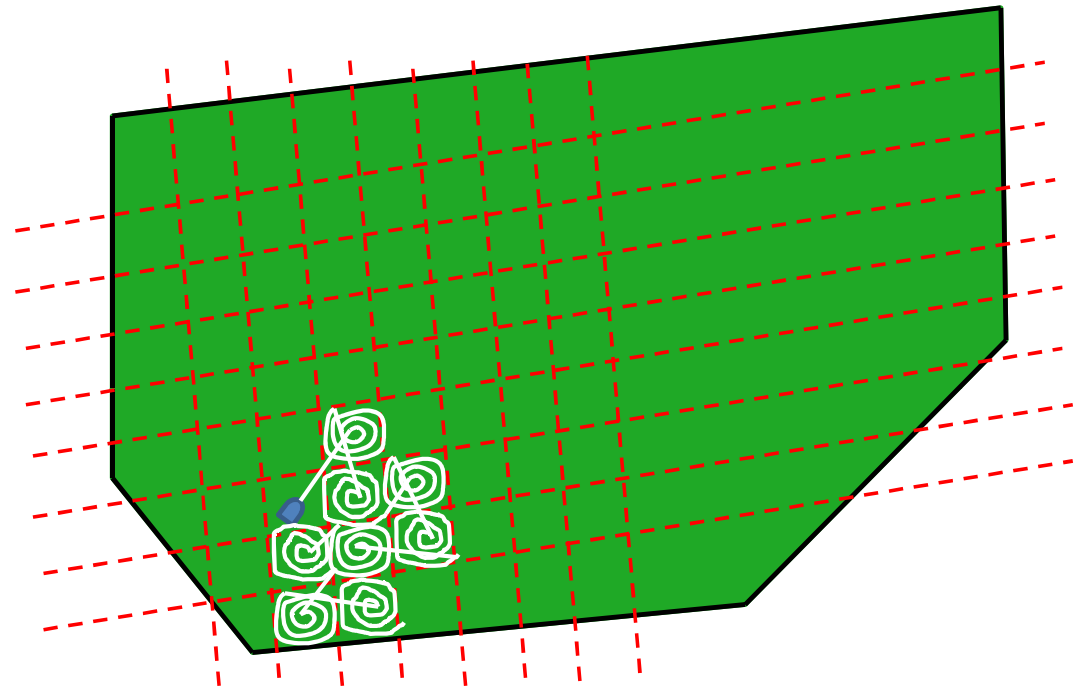
Border wire
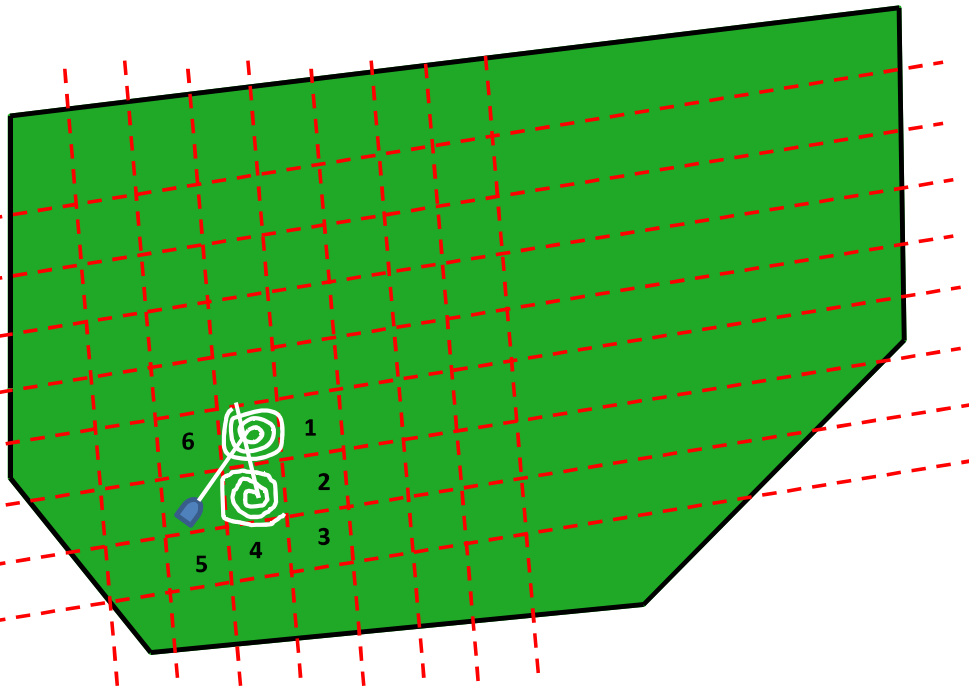
Robot movement

Virtual partition border
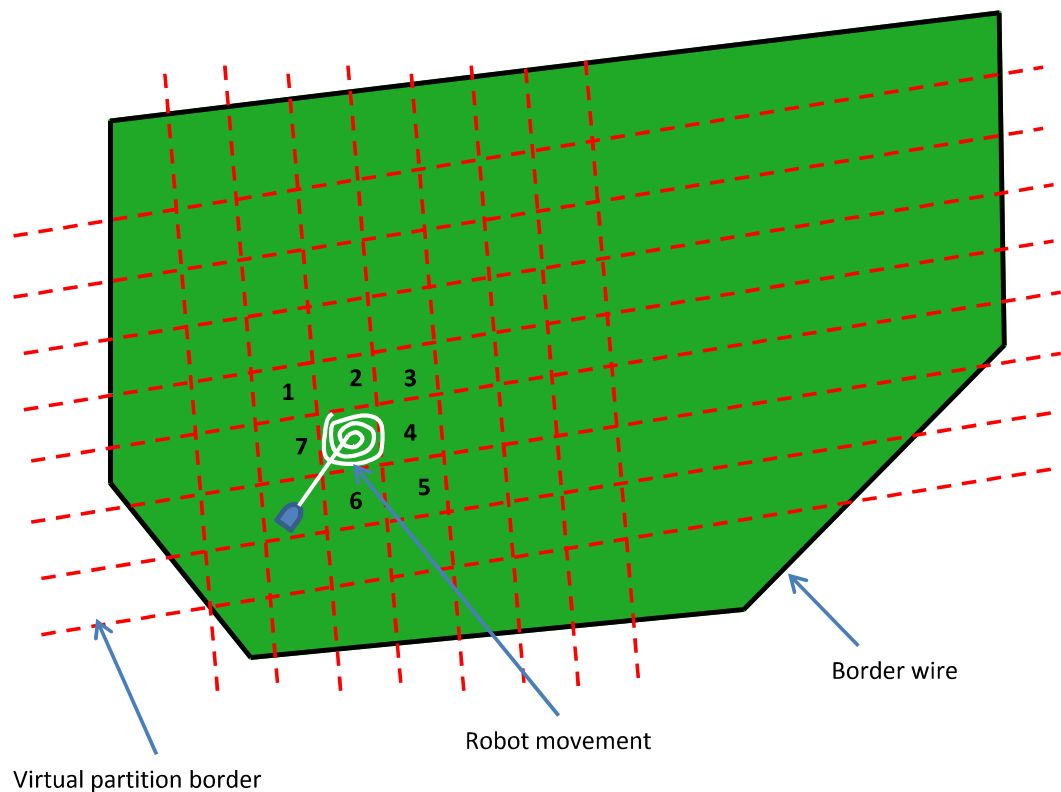
- 1 – 7 partition not discovered

- The robot with the last round of spiral drive close or inside one them, it will start working one of them (example #6)

SOFTWARE IMPROVEMENTS

SDM (smart dinamic mowing)

The robot works the partition like wildfire until it touches the wire

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