HxGN AgrOn CONTROL ROOM

Structure of command centers that continuously receive online information about running operations, and support the remote management of field processes.

Understand how AgrOn Control Room works:

- Concept of management based on goals and indicators.
- Sending electronic messages to managers and directors.
- Integration of monitoring and telemetry data with corporate systems for calculating results and paying service providers.
- Integration with legacy databases and Agricultural ERP.
- Modular system, being able to act in conjunction with AgrOn Machine Monitoring and AgrOn Operational Management, for even more assertive results.
- Control and reception system available on Cloud or Local architectures (on-premises).
- Applicable for any type of crop.
- Product available in the AgrOn Cultivation and AgrOn Harvesting portfolio.

RESULTS AND BENEFITS

- Real-time remote monitoring of all activities performed by machines in the field.
- Tracking of hours worked vs. Downtime.
- Generation of reports on operating times, productivity figures and yields per machine.
- Issuing notifications and alerts so that processes flow with maximum efficiency and productivity.
- Constant monitoring between planned activities and operations performed.
- Increased efficiency and synchronisation of all harvesting operations.

The system also has additional modules specific to each type of activity:

- AgrOn Control Room | Soil Preparation
  - Centralised control system that monitors the ground preparation operations performed on the work fronts in real-time.
- AgrOn Control Room | Planting
  - Control room dedicated to the management of the specific operations of the Planting process, based on the cycle of cutting, transport, and planting of seedlings or seeds.
- AgrOn Control Room | Cultivation
  - Control room dedicated to the management of the specific operations of the Cultivation processes, based on the cycle of loading, transport, and application of inputs.
- AgrOn Control Room | Harvesting
  - Real-time monitoring of harvest and transport operations performed in the field.

The basic operational management environment of activities performed by the machines in the field, whatever the process to be monitored:

- Consultations and Reports
- Online Monitoring
- Geopositioning
- Tracking
- Alarms & Notifications
- Decision Trees
- Activity History

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