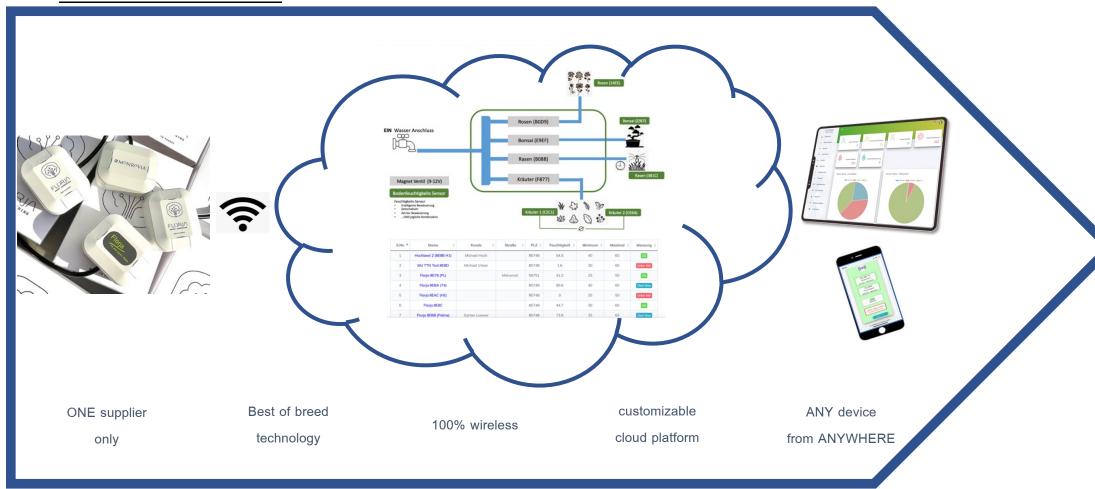
FLORJA - ALL IN ONE





CONFIDENTIAL, INTERNAL

Artificial Intelligenz (AI) with FLORJA



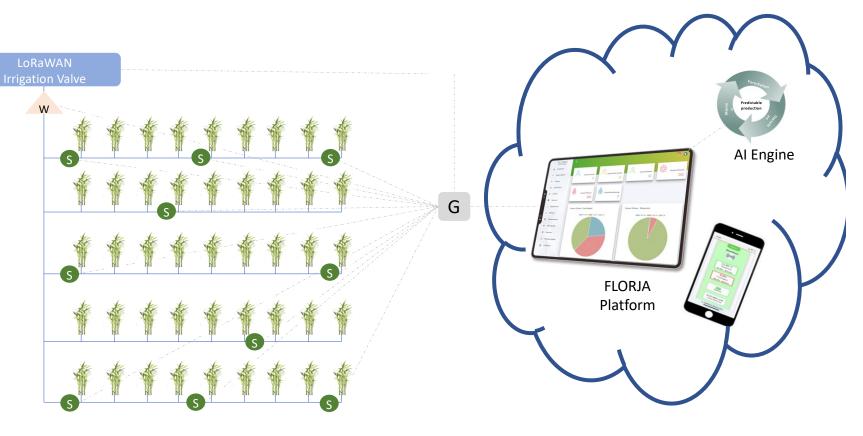
LoRaWAN Irrigation Valve

- Hunter solenoid valve
- One irrigation cycle
- Water pressure
- drop irrigation

G

Indoor Gateway:

- App 250 yards distance to LoRaWAN Sensors,
- WiFi and power outlet,
- INDOOR location (office etc...)



CONFIDENTIAL, INTERNAL

RESULTS through FLORJA AI*



10%

Water- and fertilizer

20%

Production cost and damage

25%

Quality "security"

+++

Customer Satisfaction

RESULTS through FLORJA AI*



- Real time values
- ✓ Automatic
- ✓ Intelligent

10%

Water- and

20%

Production cost and damage

- fertilizer

25%

Quality "security"



Customer Satisfaction

- ✓ Appearance and volume
- Reliability
- ✓ Uniformity

- ✓ Care instructions
- ✓ Plant quality
- ✓ Additional services

Resources

✓ Active control

* Preliminary results, based on first season

[✓] Dosed

RESULTS through FLORJA AI*



10%
Water- and

fertilizer

✓ Real-time values

Sensors consistently provide the real values at the plant, irrigation takes place only when really necessary

- ✓ Automatic
 Platform controls irrigation, correct amounts are set and also not overdone
- ✓ Intelligent

 Predictions are included when rain is forecast -> no irrigation
- => Regular and properly applied amounts of water and fertilizer guarantee more receptive soil and thus optimize resources over the entire growth cycle

RESULTS through FLORJA AI*

✓ Resources

No more resources are needed for irrigation work, noticeable savings especially in summer and on weekends

✓ Dosed
 More targeted use of water and fertilizer optimize plants and minimize waste

✓ Active control
Since watering is automated and fact-based, less water is wasted and plants are properly cared for

=> Automation and incorporation of real-time data and forecasts reduce both labor costs and loss (waste) due to too much/too little water/fertilizer.

20%
Production cost

and damage

RESULTS through FLORJA AI*



- ✓ Appearance and volume Avoidance of water stress through optimized irrigation maximizes growth
- ✓ Reliability

 Automated and controlled irrigation brings critical consistency throughout the growing cycle
- ✓ Uniformity

 Since all plants are maintained according to the same algorithms and rules, the conditions are almost identical
- => Quality in terms of appearance and health of the plants increase enormously. A robust software platform with control mechanisms also ensures production safety.

25%

Quality "security"

RESULTS through FLORJA AI*



- ✓ Care instructions

 Platform data and experience can be shared with customers, extreme added value from customer perspective
- ✓ Plant quality Quality of the plants is higher from the beginning, because of better breeding significantly more robustness and quality.
- ✓ Additional services

 Customers are integrated into customer loyalty programs, better accessibility and thus more additional offers possible
- => Customer satisfaction can be increased with better plant quality and optimized instructions. Win-win for grower and customer.

