



### DID YOU KNOW?

If the timing is right, only one insemination is needed.

On average, a sow needs 1.8 to 2.2 doses per cycle.

Reducing the number of semen doses allows to use only the best boars, improving the genetics of the farm.

## PRECISE, SINGLE-DOSE INSEMINATION IS POSSIBLE

### MINIMIZE YOUR EXPENSES

Reduce your yearly expenses in semen doses.  
Maintain reproductive results for high performing farms at a lower cost.

### IMPROVE YOUR RESULTS

Improve reproductive results for average or low-performing farms.

### REAL-TIME OBSERVATION

Have a breeding expert in the farm 24/7.

### IMPROVE YOUR GENETIC

Increase the genetic improvement of your farm by 2 X.

**SMART**  
**BREEDING**  
 SINGLE-DOSE INSEMINATION

**A SIMPLE SOLUTION THAT WORKS**

smaRt Breeding is the evolution of our PigWatch system which has been tested and approved on several thousands of sows.

Using a network of cameras, smaRt Breeding analyzes your sows' behavior in real time and alerts you when the optimal moment to inseminate each one has come. To do so, the system learns about the normal out-of-estrus natural behavior of each sow by observing them 24\7, allowing smaRt Breeding to detect significant behavior changes that are predictive of heat and ovulation.



**CAPTURE**



**ANALYZE**



**ALERTS**

- HAVE A BREEDING EXPERT IN THE FARM 24/7
- GET AN ALERT WHEN THE OPTIMAL MOMENT TO INSEMINATE A SOW HAS COME
- KNOW IN REAL TIME THE STATE OF HEAT OF EACH SOW
- GENERATE A FULL REPORT OF THE ACTIVITY LEVEL OF EACH SOW



**AN INTUITIVE SOFTWARE**

- Generate a full report of the activity level of each sow
- Generate a full report of farrow predictions
- Generate detailed performance reports
- Generate performance evaluation forms
- Export all reports to CSV files

ro-main.com

**WANT PRECISION?  
 LEAD THE HERD WITH US!**



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