★ nedap

It makes Sense

Future-proof solutions for precision pig production

Across the pork industry and on your farm, we are all taking on the challenge of maintaining profits while meeting demands for increased animal welfare, sector transparency and food safety. The right technological solutions can give you data to make sound decisions that move your business forward and help you contribute to meeting the worldwide increase in meat consumption with finite resources.

Increase scale

Viable expansion is a logical result when you invest in sustainable, efficient production. The challenge is taking great care of a growing number of livestock. Technology is your best friend when you want to connect your management expertise with each animal in your growing herd. For example, using smart sensors to monitor feed consumption and record weight development helps you to keep animals in top condition, easily adjust feeding schedules or determine the optimal delivery date for slaughter.

Transparency

You produce the most-consumed meat in the world: pork. You want to run a successful business, and the consumer wants to know how food is produced. Transparency is the key. Collaboration and sharing data with suppliers, processors and consumers is of great importance in this respect. This safeguards food safety and increases confidence in the food chain while helping you maintain efficiency.

Labor performance

For better quality and technical performance, it is important to have excellent data and to be able to adjust during the process. Real-time data helps your staff to make the right decisions and timely adjustments. "Plan - Do - Check - Act" becomes reality.

From global market trends to individual farms:

Nedap - It makes Sense

Know your pigs

Nedap SowSense, Nedap ProSense, and Nedap PorkSense show you more than the expert eye can see – Day and night, 24/7.

To take care of an animal, you use your senses. You watch and listen to its behavior to be sure it is comfortable. You feel and smell the temperature and air quality in the barn. You check feed quality by smelling or tasting. All this tells you if things are okay.

Individual but scalable

However, you take care of thousands of animals. And not on your own, but with the help of specialized teams performing crucial tasks in large-scale operations. To expand your observations to each animal in the herd, it makes Sense to use Nedap.

See each animal in real-time

Nedap Sense concepts connect pigs to daily individual management. You collect data about feed consumption, activity and growth taken from real-time data right down to the individual animal. You can use this individual data to drive whole-herd performance improvement. You can make the right decisions for the pigs that are in your barn right now, not the pigs you had six months ago.

Easy decisions in all phases

Nedap SowSense, Nedap ProSense, and Nedap PorkSense allow you to make management decisions easily on any scale. It's as simple to change feed strategy for the whole herd as it is to adjust for one animal, whether you're on-site or remote. You can sort finishing pigs whenever you want, based on the targets you set. At a glance, you can see which animals didn't eat or which sow is open in a group of 275.

Unique Buying Reason(s)

Nedap Sense offers smart pig management systems, supporting performance and providing transparency throughout the complete production cycle.

Genetic Improvement
Excellence on Performance

Nedap **ProSense**

Nedap **SowSense**

Feed Manufacturing
Animal Nutrition Excellence
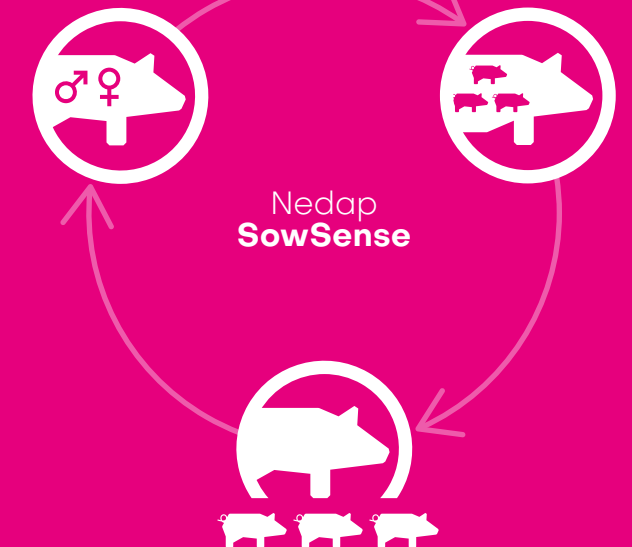
Veterinary Services
Animal Health Excellence

Meat Processing
Consumer's Food Excellence

Nedap **PorkSense**

Consumer

It makes Sense

24/7 individual pig management
All-in-one

The Nedap solutions combine an unmatched range of monitoring features and management tools in a highly advanced, yet easy to use system.

Nedap SowSense

Large or small groups
Nedap SowSense is available for static groups (up to 60 animals) and large dynamic groups (up to 250-750 animals).

Identification
Proven automated sow identification with the Nedap RFID ear tag in all phases including gestation, farrowing and lactation.

Farrowing Feeding
Automatic individual precision feeding of farrowing and lactating sows.

Feeding
Electronic individual feeding in breeding, farrowing, lactation and group gestation.

Weighing
Continuous automated weighing throughout gestation.

Separation
Automatic separation of individual sows from the gestation group.

Heat Detection
Automatic detection of individual open sows within groups, 24 hours a day.

Nedap ProSense

Identification
Proven automated pig identification with the Nedap RFID ear tag.

Feeding
Automated record collection of individual metrics, such as feed intake amount, time, and speed.

Weighing
Continuously recording the weight of individual pigs.

Nedap PorkSense

Weighing
Automatic weighing of individual finishing pigs in groups.

Feeding
Automated phase feeding based on individual pig performance.

Sorting
Automatic sorting of finishing pigs to the correct feed-type.

Marking
Automatically mark pigs at certain weights or growth ranges.

Delivery
Accurate forecasting and automatic delivery at exact target weight

Peak performing sows with Nedap SowSense

Put the power of precision farming on your side. Improve your bottom line with the Nedap SowSense solutions to maximize sow herd performance and save time, labor and costs.

Our advanced Nedap SowSense solutions work around the clock to identify each sow, track her feed consumption and weight, monitor her heat behavior and transition her to farrowing. Nedap SowSense connects you to your sows. You can be sure each sow is cared for according to your strategy. The easy to use system operates and checks results 24/7. You will get detailed notifications when a sow needs extra attention and individual information allowing you to improve your strategies for your entire herd.

Nedap **SowSense**
Solutions

Weight Monitoring
Precise automated weighing for optimal ROI and sow lifetime productivity.

Nedap Weight Monitoring helps you to maximize ROI with automated collection of sow data for easy to enable, real-time management of individual sow body condition in group gestation housing. You save feed by not over- or under-feeding sows and support optimal sow performance and piglet birth weights by providing the exact amount of feed for each sow based on her body weight. Optimal sow body condition supports productivity and longevity for sustainable sow herd management.

Heat Detection
Improve reproduction results and labor efficiency.

Eliminate the time and expense of walking the boar in your group gestation pens with Nedap Automated Heat Detection. This solution monitors sows around the clock for increasing interest in the boar, which can be an early sign of heat.

Nedap Automated Heat Detection is 99% accurate. It supports your return on investment and overall safety for people and pigs by minimizing lost production days, reducing labor, minimizing stress to people and pigs and ensuring an open sow never gets to farrowing.

Electronic Sow Feeding
Designed with the sow's needs first.

With Nedap Electronic Sow Feeding, you can ensure each sow gets the individual feed and care she needs, as well as the benefits of being in a calm gestation group. Nedap can design the automated feeding concept into any size operation, including new or remodeled buildings. Nedap Electronic Sow Feeding can help you eliminate feed waste and optimize whole-herd feed efficiency. How? With accurate data at your fingertips, you can set feed plans for each sow. The system automatically adjusts diets, and your sows stay in optimal body condition. The system is designed with the sow's needs in mind. It allows each sow to eat safely, without interruption and walk forward, away from the group, when she's finished. The unique design of group sow gestation pens with Nedap Electronic Sow Feeding keeps sows calm and supports a productive atmosphere. The design incorporates feed-stations with forward-exits, which has been proven for decades to minimize sow injury and stress by separating fed and unfed sows.

Separation
Simple selection for individual attention.

Nedap Automatic Sow Separation automatically finds sows from large groups and directs the individuals into small holding pens for easy access. Customizable functions include identifying and separating sows for farrowing, vaccinations, re-breeding or, sow RFID tag replacement.

Nedap Automatic Sow Separation is a labor-saving complement to Nedap Electronic Sow Feeding, helping you to treat each sow as an individual without wasting time searching for sows that need attention.

Nedap
Farrowing Feeding

Optimizing feeding strategies for farrowing and lactating sows

Nedap Farrowing Feeding supports your bottom line by encouraging the lactating sow to take in the feed she needs for milk production.

Nedap developed Nedap Farrowing Feeding to automatically deliver portions of diets multiple times per day to encourage optimal feed intake, helping sows produce sufficient milk for robust piglets while maintaining body condition.

Precision in breeding stalls

You can use Nedap SowSense in breeding stalls to deliver precise rations in the post-weaning transition.

Feed and manage each sow as an individual in all production phases. It makes Sense.

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Progress in pig excellence with Nedap ProSense

Nedap ProSense gives clear insight into individual pig performance using Nedap Pig Performance Testing. This system accurately and reliably measures and records pig performance indicators including individual weights, feed intake and feed conversion ratio. The data it provides is immediately available for review and has a unique feature allowing you to rank individual pigs and groups based on daily performance.

Nedap Pig Performance Testing can collect data for feed trials, genetic selection or in-depth nutrition research for feed formulation. You can use data to review feed quality or study the effects of different feed compositions.

Nedap Pig Performance Testing has two parts: a trough to measure feed intake and a scale that can be adjusted to pig sizes. It can feed up to 15 pigs at one time. You can access and manage the software dashboard from anywhere and at any time to gain insights.

Perfectly tuned finishing pigs with Nedap PorkSense

Nedap PorkSense is revolutionizing a challenging phase of pork production: finishing the pig. In this stage, numbers count. Nedap PorkSense makes those numbers available in real-time so you can continuously improve feed strategy, health management and logistics planning.

Nedap PorkSense finetunes finishing pig management because you can feed pigs based on individual weights to maximize feed efficiency, finish consistent groups, manage shipping and save labor costs.

Traditional style

Typical finishing barns are built with a one-size-fits-all approach, without any real-time information on weight and activity. Feeding is based on pre-set strategies rather than responsive feeding to actual growth. Without daily growth monitoring, accurate planning on delivery is impossible. Pigs need to be sorted manually based on visual weight estimation.

Unlimited farm size

Nedap PorkSense is scalable and perfectly suited for multi-site production systems. The management of all these pigs is performed at a central location with the Nedap PorkSense software dashboard.

Automated delivery

The Nedap PorkTuner is a smart tool of Nedap PorkSense. The system weighs each pig and directs it to one of two feeding areas with the diet best suited to the pig's weight. Diets can be determined based on daily growth data. Continuous data collection on growth allows accurate forecasting of weight development, allowing for planning deliveries and transport up to 4 weeks ahead. When a pig reaches market weight, the Nedap PorkTuner automatically cuts it from the group by directing it to a delivery section.

Success Stories

Jörgen Lindberg,
Scandinavian Farms, China.:
7,700 sow
farrow-to-finish operation

"We're saving 75 kg of gestation feed per sow per year, and at weaning our piglets are 0.75 kilo heavier."

Megan Meyer,
Genetic Data Manager and
Research Assistant at Choice
Genetics, USA

"We can easily extract accurate feed intake and pig weight data of every single one of our animals. At any moment, anywhere in the world."

Inge Stevens,
Kieldrecht, Belgium,
300 sow
farrow-to-finish operation

"With Nedap Farrowing Feeding I have many benefits."

- 50% less mortality in the farrowing pen
- Litter size increases from 27.5 to 30 live-born piglets/sow/year
- Sows have consistent and greater milk yield
- Sows go into estrus more easily and simultaneously
- Sows are inseminated 2 days earlier
- Piglets have a higher weaning weight

Bart and Mieke Vanackere,
farm owner, Belgium,
5,200 finish operation

"We use our floor-space 99% effectively and produce more meat per square meter."

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Advanced Simplicity

Use proven and advanced technology that is easy to use, install, integrate and scale.

Nedap RFID tag
The Nedap RFID tag is for connecting and identifying an individual pig.

Processing unit
The processing unit is assuring 24/7 on-farm process control.

Online Services
Online services provide scalable management and continuous improvement based on actual data.

Online Services

Fits your farm and grows with it

* Highly flexible and designed to fit any farm type and size.
* Simple to install and setup.
* Easy to use.
* Easily scalable and flexible to expand with other automation solutions.
* Web-based user interface only using a browser. No need to install software or applications. Remotely updatable.
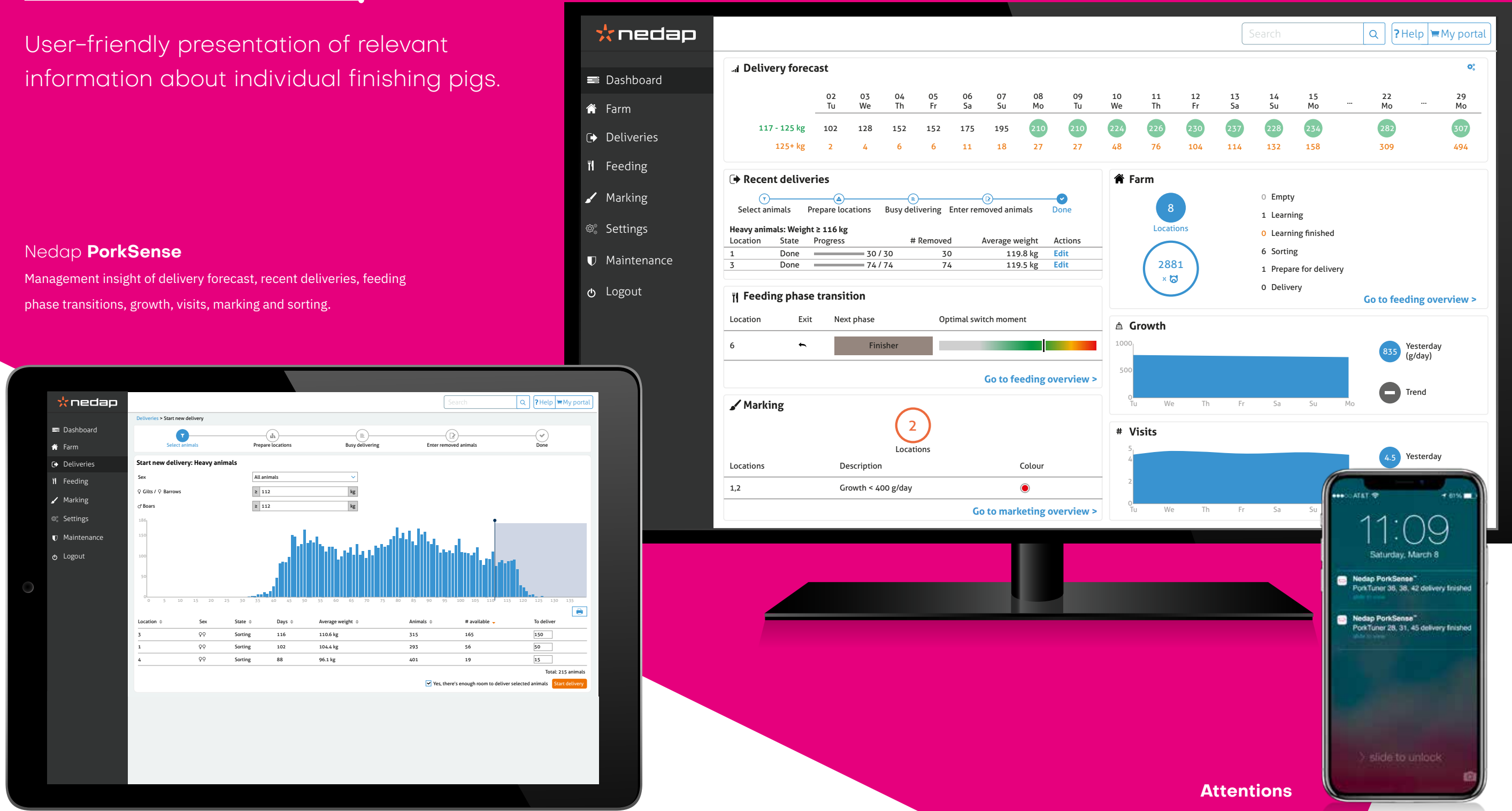
Actionable finishing pigs insights
Real-time

User-friendly presentation of relevant information about individual finishing pigs.

Nedap **PorkSense**

Management insight of delivery forecast, recent deliveries, feeding phase transitions, growth, visits, marking and sorting.

Attentions

Actionable individual pig insights
Real-time

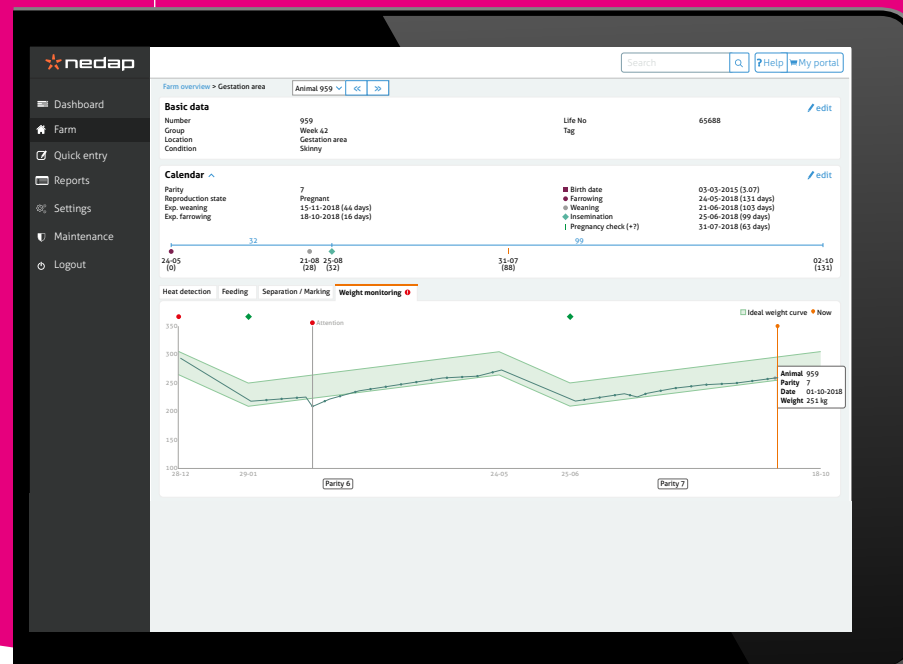User–friendly presentation of relevant information about individual pigs and groups.

Nedap
Farrowing Feeding

Optimizing feeding strategies for farrowing and lactating sows
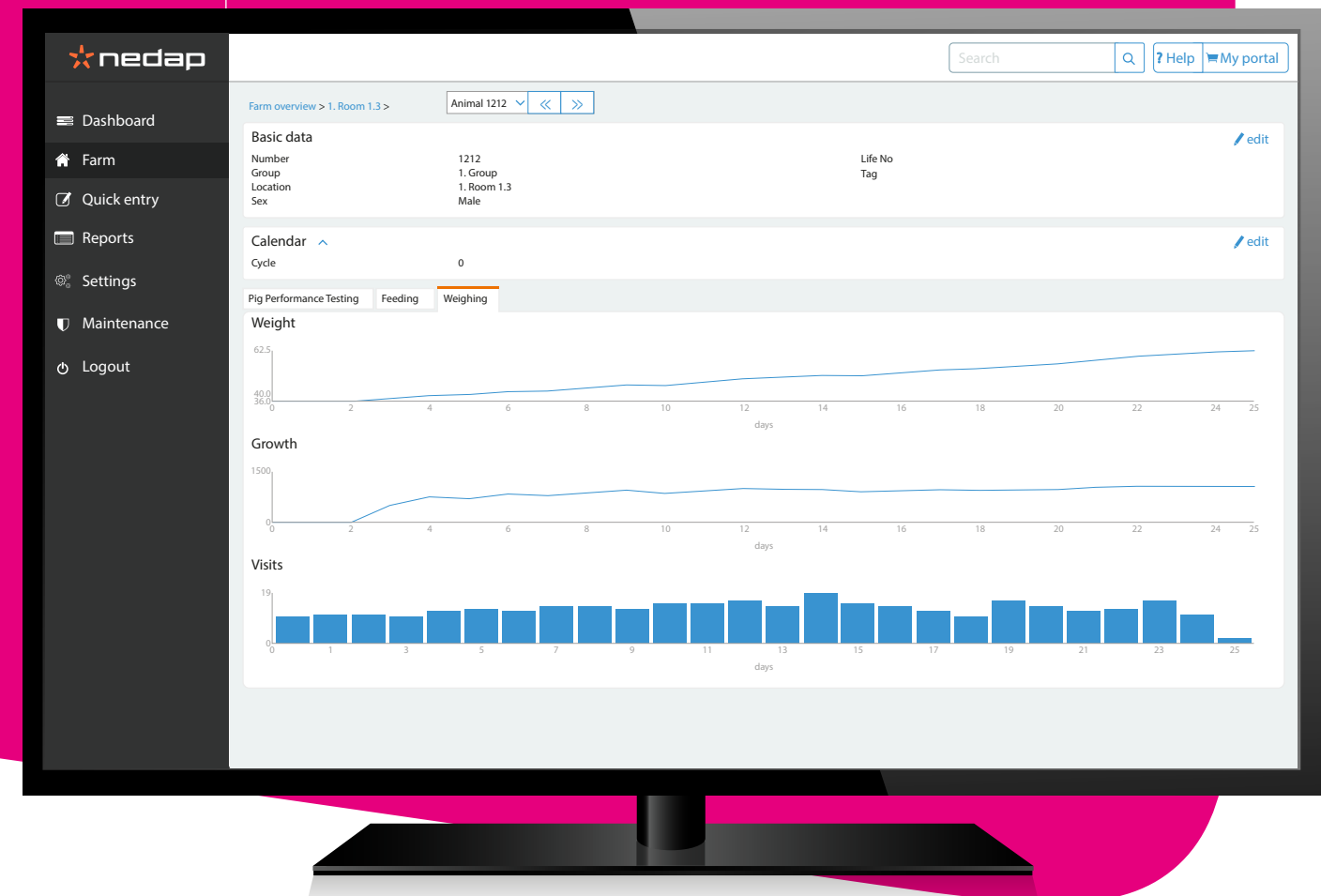
Nedap
Weight Monitoring

Precise automated weighing for optimal ROI and sow lifetime productivity.

Nedap
Pig Performance Testing

Progress in pig excellence with Nedap ProSense

All interfaces automatically adapt to any device.

Watch videos on our Youtube channel: **youtube.com/nedaplivestockmanagement**

Global knowledge, local service and support

Distribution and support network

Leading international companies partner with Nedap to include our concepts and solutions in their farms. Our distribution and support network brings you a global knowledge base with local service and support.

Find your Nedap distributor at

➤ **nedap.com/livestockmanagement**

Combined forces to drive innovation

Nedap partners with universities, research institutes, veterinary organizations, distributors, farmers and other knowledge leaders in the livestock industry. Together we work to fully understand the market demands of today and tomorrow. We are pioneers, and we continue to develop and evolve to empower you with the most advanced technology and knowledge available.

Nedap

Nedap Livestock Management is the global leader in farming automation using individual animal identification. Nedap's easy-to-use technology helps farmers manage millions of dairy cows and pigs 24 hours a day, in more than 100 countries. Nedap empowers managers and personnel with dependable information to make operational and strategic decisions for more than 40 years. Nedap focuses on helping livestock farmers become the best farmers in the world. A publicly listed company, Nedap employs more than 700 people globally, across 11 locations and eight business units.

➤ **nedap.com/itmakessense**

Founded
1929

Exchange-listed
since 1947

8 business units
in-house

700 experts
worldwide

11 offices
worldwide