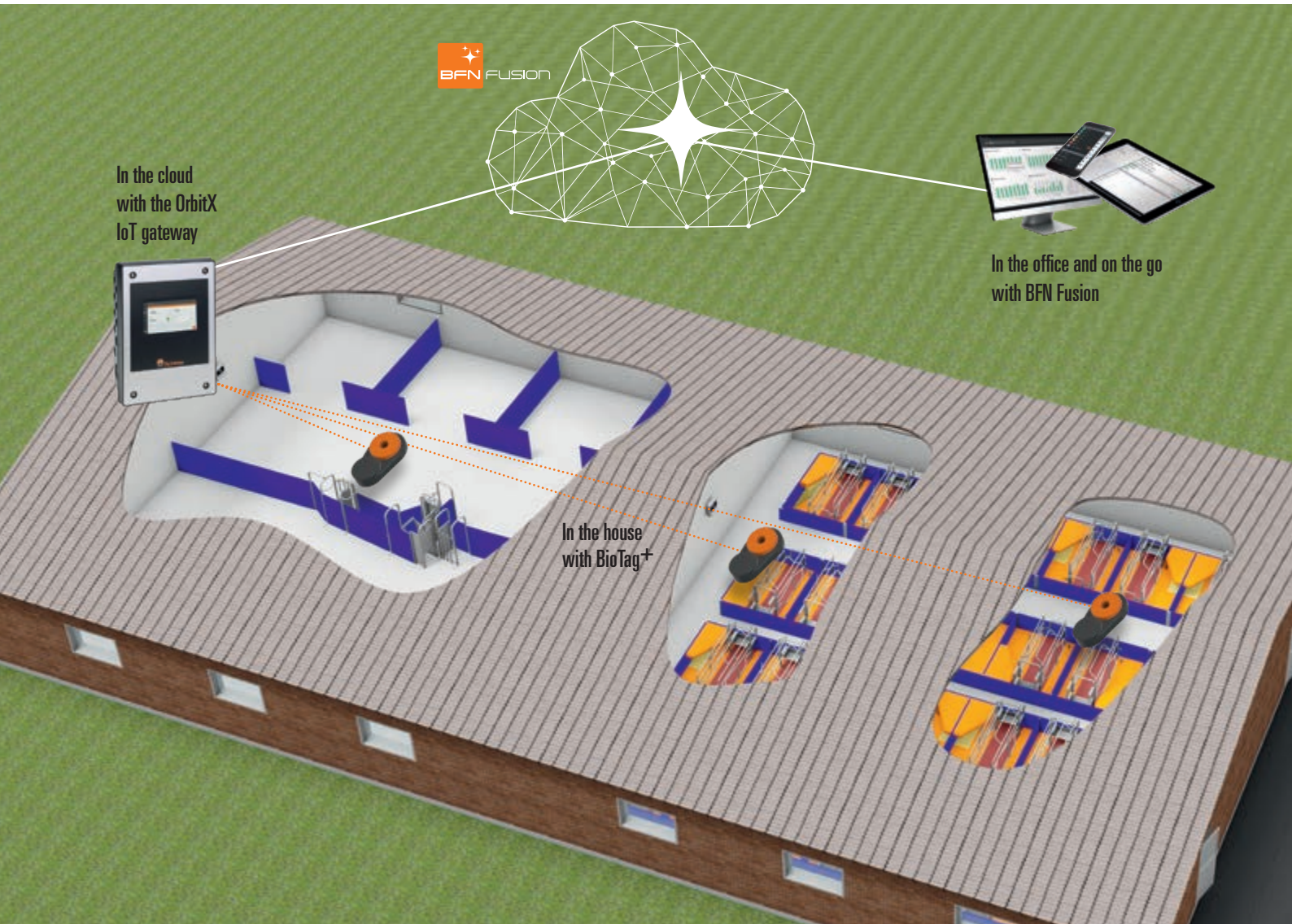




Big Dutchman®



INNOVATION
AWARD
EuroTier
SILVER MEDAL



BioTag⁺

The intelligent ear tag for sows
with integrated temperature and motion sensor

BioTag+

Sow-specific heat detection, prediction of the farrowing date and automatic equipment control

BioTag+, from Big Dutchman, is an innovative solution for constant sow monitoring that provides information on health, heat detection and imminent farrowing.

You wonder how this works?

The new ear tag comes with two integrated sensors, which constantly record the specific sow's temperature and movement data. The OrbitX IoT gateway sends these data to the cloud, where an AI algorithm analyses them and transmits the data to your smartphone, tablet or PC via the BFN Fusion farm

management system. You thus know when to inseminate sows in the service centre, for example. But there's more!

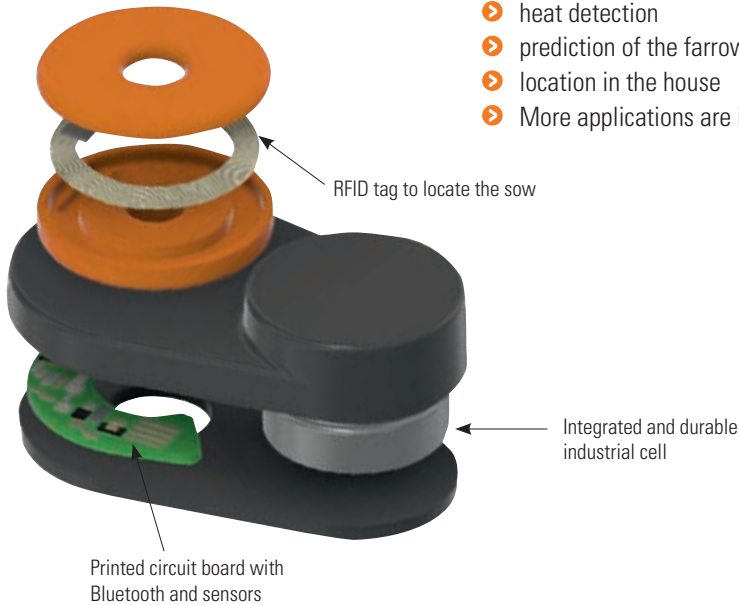
Sows are often kept in groups in the gestation and service area but, increasingly, also while they are lactating. BioTag+ provides ideal support for the latter case. The system is able to determine the upcoming farrowing around twelve hours in advance because of continuous data recording and analysis.

Big Dutchman's Agilo FB farrowing system for lactating sows has a free-access function, which the ear tag can activate. Any sow that has been marked for imminent farrowing is confined in the farrowing crate automatically during her next visit.

You will see all important information in real time on an app installed on your phone.

Individual sow monitoring in the service centre, gestation and farrowing area for:

- state of health
- lameness
- heat detection
- prediction of the farrowing date
- location in the house
- More applications are in the pipeline.



Bluetooth 5.2: range of up to 40 m in the house

ADVANTAGES

- ✓ increased animal welfare because your sows' health is monitored around the clock;
- ✓ faster reactions in the case of issues;
- ✓ quick locating of each sow in the group;
- ✓ BioTag+ is self-learning, thus providing very accurate predictions;
- ✓ optimised time of insemination: fewer sows return to heat;
- ✓ automatic and sow-specific control of the equipment;
- ✓ use of Bluetooth 5.2: greater range and higher speed;
- ✓ battery life of approx. three years;
- ✓ efficient sow management that saves time.



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