



YOUR GUIDING STAR FOR COMPLETE DIGITAL CONTROL OVER YOUR VALUE CHAIN

Data-based decisions. Predictable success.





The digital platform for maximum efficiency on your farms – all locations at a single click.

The demands on modern agriculture and its products have increased dramatically in recent years – and they continue to grow. Producers with large farms at multiple locations in particular face complex challenges if they want to run a sustainable, socially accepted and profitable business in the future.

■ **A business may be operating farms at different rural locations** with managers sometimes lacking current information about different production cycles and performances on individual locations.

■ **Animal welfare** and food safety are valued as important purchase criteria by more and more consumers – all over the world.

■ **Flexibility and the ability to act quickly** are essential factors if agricultural enterprises want to be successful. They must be able to adjust links of the value chain at short notice and to integrate new partners and suppliers into the production process whenever necessary.

■ **Consistent documentation** of processes and product specifications is a must for producers, and not only demanded by trade partners and consumers, but also obligatory to comply with legal and export requirements.

■ **Traceability is a prerequisite in food production.** This applies to the product itself as well as to raw materials (e.g. feed) and production conditions.

■ **Regulations requiring documentation of a farm's environmental impact will become stricter in the future.** To support profitable production, data must be always accessible and presented in an easily understood way.

■ **Finding qualified staff for agricultural production is not easy.** Labor costs are also increasing. Data-based and automated processes can mitigate these issues.

These challenges mean farmers and integrators have to collect and store ever-increasing amounts of specific data that must be available at all times.

BFN Fusion not only simplifies the efficient collection of data, but also generates added value for your business. Complex management tasks become much easier.

 **BFN Fusion: the innovative software that securely monitors your entire value chain**



PRODUCTION MADE MORE EFFICIENT, PROFITABLE AND SUSTAINABLE

Starring: our innovative digitalization solution for your livestock production.

Just as we once navigated the oceans using the stars, data can now help you optimize the results of your livestock operations. **BFN Fusion** is a game-changing software platform. It bundles all data generated by your farms and adds relevant value to your production. **Big Data à la Big Dutchman**.

BFN Fusion is a milestone for digitalization in agriculture – not only for us as a company: our cloud-based solution sets new standards for the entire industry. **BFN Fusion** offers producers a great variety of added value, especially for larger companies with multiple farms at different locations.

The system provides **standardized data from all production phases and from many links of your value chain**. It allows the integration of feed mills, slaughterhouses, hatcheries, feed silos and more, and manages all data centrally, including those from your ERP system.

As a user, you can easily and securely access all production-relevant information in comprehensive form and bundled on one innovative cloud platform. For the first time ever, you will be able to monitor the entire production without gaps, which provides a solid data basis for possible optimizations.

BFN Fusion also facilitates the documentation of all production processes, indicates potential for optimization and makes your business more sustainable and more profitable.

- ✦ Make data-based decisions.
- ✦ Achieve predictable results.



We remain true to our name: a big added value for your entire value chain.



Full control and maximum security

With **BFN Fusion**, you will be able to view and analyze the data of all your production steps anywhere and at any time. You can access standardized and comparable data from all production areas and locations.



Lower costs, increase efficiency, achieve predictable success

Processed data provide you with an objective basis for decisions to control and optimize your production. You can also use these data to activate automatic processes, for example brightness and temperature settings in the barns. Important contexts and dynamics become visible, errors can be prevented and ideal production conditions are easy to recreate.



Eliminate human error, reduce the staff workload

When decisions are based on data, human error carries much less weight. Your staff will be able to (re)act faster and with more confidence. Moreover, the data guarantee that all steps are transparent and can be fully traced. Automated processes minimize the number of necessary visits to the location, which also reduces staff workload.



Reduce production risks

As a producer, you are fully responsible for many links of the value chain. **BFN Fusion** makes it easy to document your entire production. You can view and monitor all activities and therefore reduce production risks.



Create complete and secure documentation

Requirements regarding corporate social responsibility are ever-increasing. A complete documentation of all production processes and methods can easily become very cost-intensive. Whether you need to document ecology, animal welfare or environmental impacts: our platform guarantees complete documentation that is easy to implement.



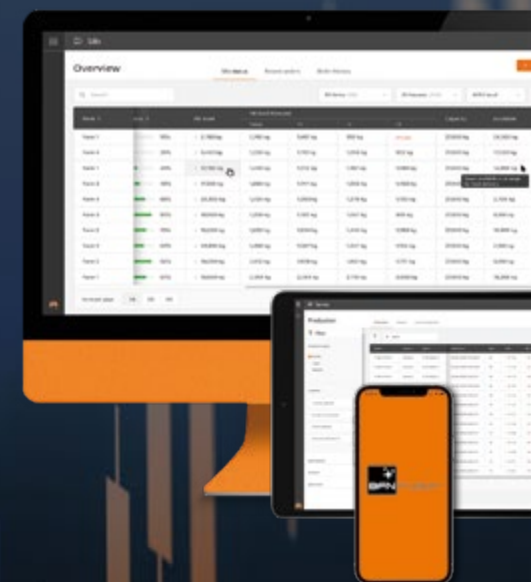
Reduce diseases and minimize losses

When you want to prevent diseases and react quickly and efficiently against disease spread, consistent monitoring is absolutely necessary. **BFN Fusion** provides unprecedented support: due to data-based automation, fewer staff are needed in the barn, which reduces risks of diseases and losses.



Remain flexible and capable of acting

Since demands on agricultural enterprises change all the time, remaining flexible is important. **BFN Fusion** offers maximum flexibility when you need to adjust areas of your production or integrate new partners and suppliers into the production process.



EASY AND SECURE FROM THE WORLD MARKET LEADER

Big Dutchman 4.0: easy to use, absolutely secure. Cloud-based and still rock solid.

The city of Vechta is situated in Germany's Oldenburg Münsterland region, the Silicon Valley of modern pig and poultry production. For more than 80 years, we have been developing practical and ground-breaking solutions for feeding systems, housing equipment and climate technology. We want farmers all over the world to be able to produce food profitably while protecting the environment. With agencies in more than 80 countries and more than 3,500 employees worldwide, we are always one step ahead of our competition.

The development of **BFN Fusion** continues this tradition of innovation. To us, an integrated software is the next logical step in the digital evolution of the agricultural industry. This step helps our customers to continue optimizing their production: efficiently, in compliance with the law and sustainably.

Our in-house research and development work on livestock hardware significantly influenced the software we have developed. Because who could be better equipped for this job than the global experts for mission-critical farm solutions?

The technical basis of **BFN Fusion** is Microsoft Azure, a cloud computing service used by many of the 500 most successful companies and recommended by countless security experts. For us, security is not written in the stars, but at the very top of our list of priorities.

BFN Fusion guarantees neutral data storage. Your data are not transferred to us, but remain with you at all times.

As an established company with good knowledge of the industry, we can ensure stability, connectivity and continuous development of the system. Automatic security updates and backups are of course a standard feature of our software.

In short: **BFN Fusion** is the logical evolution of data use in this era of digitalization.





BD Mexico
Guadalajara

BD US
Holland, Michigan

BD Germany
Vechta

BD Russia
Moscow & Kaluga

BD China
Tianjin & Beijing

BD Malaysia
Kuala Lumpur

BD South Africa
Edenvale

Regional Head Office / Logistics Center



Big Dutchman headquarters in Vechta-Calveslage, Germany



"We have been optimizing the feeding of livestock since 1938. Now, we start feeding data – to our customers, making them more successful than ever before."

Bernd Meerpohl, owner of Big Dutchman



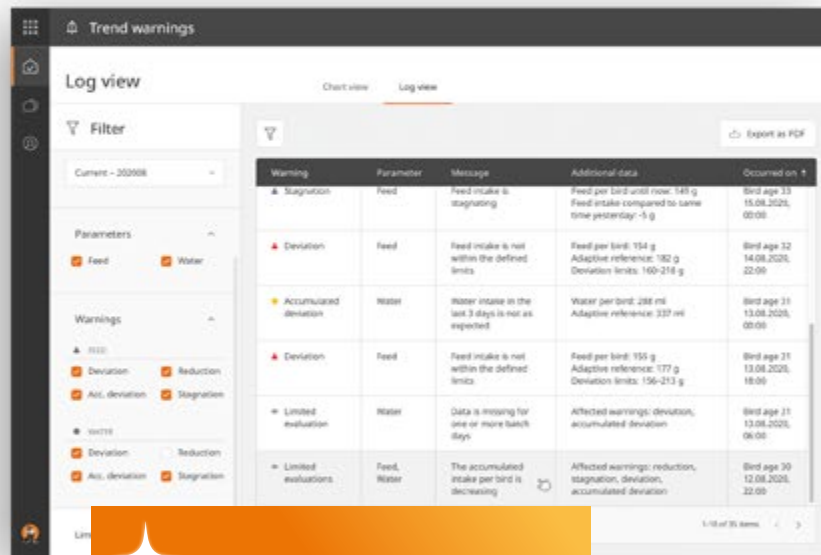
EVERYTHING THAT MATTERS, AT A GLANCE

Valuable knowledge through intuitive insights.

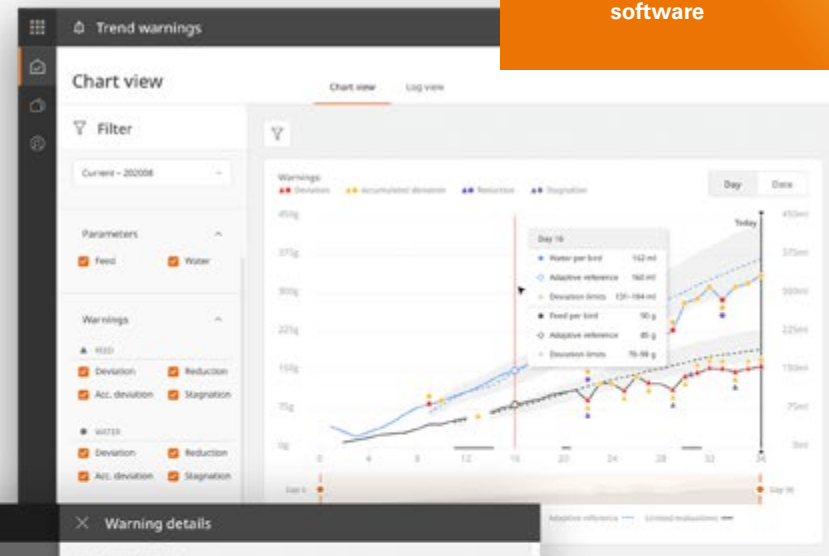
As a cloud-based solution, you can access **BFN Fusion** from anywhere in the world and with any device: your smartphone, tablet, laptop or desktop PC. The user interface is easy to understand and intuitive to use. Because we know what information is truly important for your daily tasks. This is how we guide you to stay safely on track for success.



All data are accessible at any time with the intuitive software



Access via the Big Dutchman customer portal:
my.bigdutchman.com



With the **BFN Fusion** app, you've got it all handled – anytime, anywhere!



DIFFERENT BFN FUSION MODULES, ONE GOAL

All performance data at a glance for predictable business development.



You want your business to grow?
The functional range of BFN Fusion
will grow with you!

BFN Fusion provides you with the full overview and control of your production chain, at all locations and in real time. We have developed a specific application module for every aspect of your business.

Over time, we will add more modules as they are relevant for our three business units for egg production, poultry growing and pig production. **BFN Fusion** will continue to grow, and so will your possibilities of confidently meeting the future challenges of the agricultural industry.



Dashboard

Monitor your production in near real time. Choose which values you monitor and view them on the company level or down to the section level.



Survey

Receive a central overview of all your farms with both current and historical data.



Connection

Use the integrated link management to connect your farm.



Alarm

See all alarms from all your production houses and find out when they were acknowledged and cleared.



Silo

Keep tabs on your silos and use the predicted consumption rates to order new feed before you need it.



Analytics

Create reports for a detailed analysis of your production and the influence of your climate settings. More than twenty key values help you compare your barns or batches.



Trend Warnings

Recognize issues or shortages early on to prevent economic losses.



Export

Access your data securely and at any time using a standardized interface.



Reference

Monitor your production based on general, or your own, reference values.



Account

Manage your company data and user access rights securely and according to your needs.



Monitor

Use this AI-supported module to illustrate poultry behavior in the barn and to select relevant sequences. Harmful movements, movement patterns, uneven distribution, etc., are visualized and recorded via livestream or time lapse.

A true quantum leap – irrespective of the equipment you use.

Your gateway to the cloud and key to the future

OrbitX is the bridge connecting your farm to the cloud. This small but essential box is easy to install, yet has a profound impact on the security of your farm network. As your IoT gateway, it provides secure access to the controllers and ensures that only approved devices can send data to **BFN Fusion**. This guarantees the integrity and relevance of all data transferred to the cloud.

All farms connected, all data visible

OrbitX transfers all your production and climate data to the **BFN Fusion** cloud in real time. Integrating **OrbitX** into your existing farm network, you can interconnect the data of all your locations and farms. **BFN Fusion** validates and structures the real-time data from all of your farms: for the first time ever, you will receive a full, detailed and comparable overview of the key parts of your value chain.

Independent of the internet on site

Thanks to mobile data transfer, **BFN Fusion** can even be used in remote areas that have no standard internet connection. Your data will be transferred to the cloud constantly and securely, wherever your farms are located.

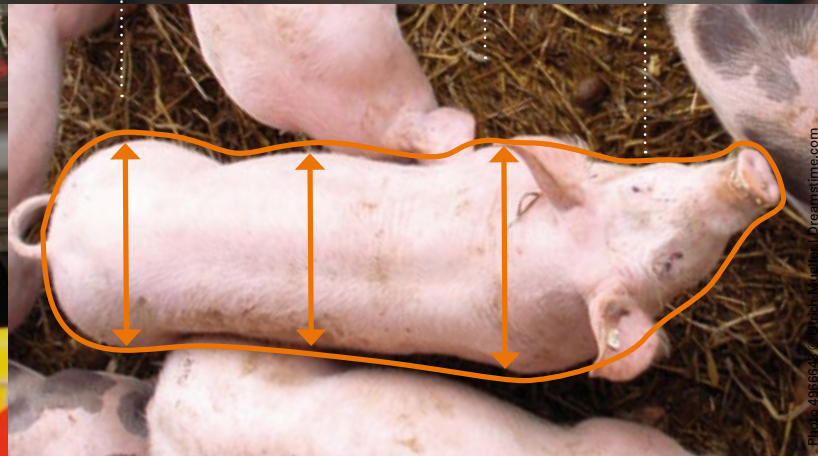
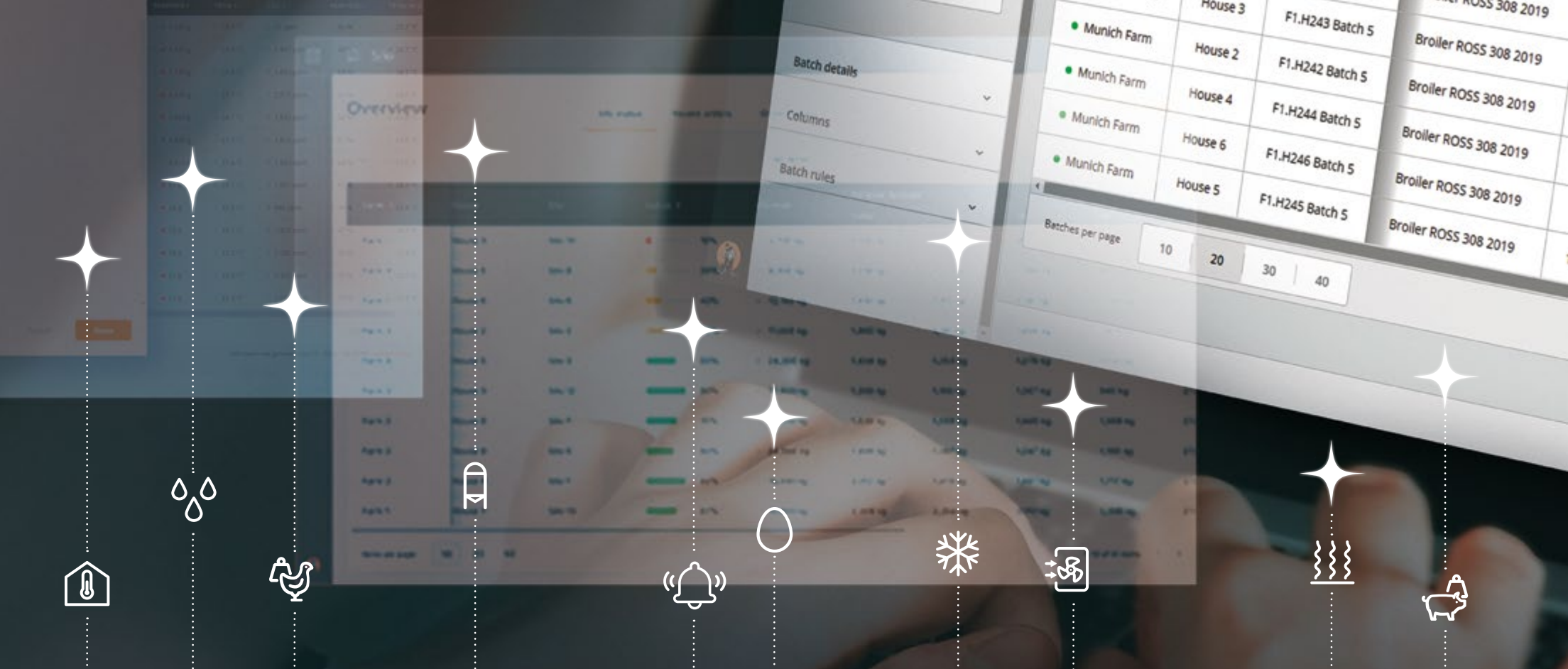
Completely cared for and secure

We guarantee the highest IT security: all services as well as security and functional updates are performed automatically. **OrbitX** remains up to date so your staff on site can focus on their tasks instead of maintenance or service.

Connected worldwide, unrivaled worldwide

With **BFN Fusion** and **OrbitX**, we remain true to our goal of developing ground-breaking solutions for livestock production. Our system and its options represent a quantum leap for digitalization in the agricultural industry and are unrivaled worldwide.





CONTACT & CUSTOMER SERVICE

Your future starts with a dialog. Let's get talking!

We are convinced that we have created an integrated software solution that will help you prepare your company for the future by making data-based decisions. Do you have questions, specific requirements or doubts? We would love to talk.



(c) Big Dutchman International GmbH
Auf der Lage 2 | 49377 Vechta-Calveslage | P.O. Box 1163 | 49360 Vechta | Germany
Phone: +49 (0) 4447-8010 | E-mail: info@bigdutchman.de | www.bigdutchman.com

www.bfn-fusion.com