BouMatic

For the life of your dairy™

APOLLO

MODERN DAIRY AUTOMATION



Automation for Intuitive Farm Control



A Better Life for You, Your Cows, and the Future of Your Farm

Take control and automate with confidence

Imagine waking up with clarity. Not overwhelmed by alarms or second guessing last night's milking data. Instead, your farm is running with you, not against you.

Apollo™ was built for this life:

A dairy where smart automation meets animal comfort, where every decision is backed by real time data you can trust. Where you can spend less time wrestling with equipment and more time focusing on what matters most; your herd, your family, your legacy.

Apollo frees your day:

- **It sorts cows automatically**
- **Monitors health in real-time**
- **Handles feeding strategies with precision**
- **Modular components for customizable, scalable solutions**

With Apollo, your parlour is in trusted hands, yours and ours. BouMatic is here with the tools, the technology, and the support to guide you through a smooth transition.

Gently. Quickly. Completely.

APOLLO

Built for the Future, Unlike Any Other

Cow Comfort

Apollo is built around animal comfort and calm, consistent routines. It reduces stress at every touchpoint from smooth, efficient milking to low disruption, automated sorting. Real-time milk data, stall and tag reports, and health alerts provide actionable insights for individualized care and early issue detection, help keeping cows healthy, calm, and performing at their best.

Operator Comfort

Apollo also supports the people behind the process. Its user-friendly interface and automation of repetitive tasks minimize physical strain and streamline daily work. With intuitive controls and smart monitoring, operators can focus on higher value activities while maintaining efficiency, consistency, and peace of mind.

Efficiency & Sustainability

Apollo helps dairies reduce operational costs while improving performance, thanks to seamless integration with BouMatic's HiFlo™ pulsators and detach cylinders. These components reduce air usage and optimize vacuum control, helping producers cut energy consumption without compromising cow comfort or milk quality. This allows more milk production using less power and run time. In contrast to fixed, inflexible systems from competitors, Apollo's modular setup allows you to automate incrementally, saving money and scaling with your operation's needs over time.

Insights from Our Staff Veterinarian Angela Kinney

Apollo, the Brain Behind Your Herd's Best Decisions

Working with Apollo is like having your own "pocket" herd consultant. The program is customizable to your herd needs or your other consultants desires. Access to that information is available and up to date from anywhere in the world 24/7 to people that have received access with no need of your consultants paying an extra fee to access YOUR data.



It connects all the abundant amount of information from different monitoring systems on the farm, learns about it, integrates the data and gives you the "short version" of the story with precision, saving you many hours looking through an overwhelming amount of data. It gives you accurate, up-to-date information to make better and faster decisions with confidence that all the available information was accounted for in the process of decision.

Angela Kinney, DVM
akinney@boumatic.com



The parlour is one of the busiest places on a dairy. The Apollo milking module can manage all in-parlour activities and collect all cow data generated during each milking, ensuring you have the **vital information you need to make quick and informed management decisions** about your parlour and your herd.



Milk Control Unit

Apollo's Milk Control Unit (MCU) serves as the central hub of the milking point, managing all critical functions involved in the milk process.

- **A Single MCU operates up to two milking points.** Streamline control and minimizing the need for additional hardware. Connects seamlessly to the ApolloMeter and manages the detacher and pulsation.
- **Adaptable to any parlour type.** Features individual pulsation control, eliminating the need for a master pulsation controller. Pulsation stops automatically upon detach, reducing unnecessary runtime and conserving energy.
- **Pulsation rate and ratio and other settings can be adjusted at both the farm and group levels,** ensuring every group of cows is milked with optimal settings.
- **Accurate flow data makes for reliable detaches**. Thresholds can be set at both the herd and group levels to prevent over-milking, safeguarding udder health and cow comfort.
- **Includes important settings like vacuum-on delay to reduce air consumption** by engaging only after the unit is positioned; vacuum-off delay setting ensures a smooth and gentle cluster removal. Automatic claw-drop-and-lift feature offers better access to udders during prep by lowering the claw, and lifting the next claw during attachment.
- **The MCU supports QuickStart.** With QuickStart, lifting the cluster automatically initiates the cluster process, allowing the operator to attach the unit in one seamless motion, saving time and improving workflow.

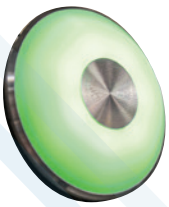


ApolloMeter

- **Provides individual milk yield, flow rate, milk conductivity,** available for Apollo's milking module to provide in-depth insights on animal and parlour performance.
- **Builds on the legendary performance and reliability of the BouMatic SmartControl meter.**
- **Optimal milking performance, minimal vacuum drop,** even with extreme flow rates due to its 19 mm in- and outlet.

User Interface

Choose from TWO user interface options for milking unit operation!



SmartLite Button

The SmartLite button is BouMatic's iconic stainless steel operator button, known for its durability and intuitive design. Featuring a single LED button, it gives the operator complete control over the milking point with ease. From starting and stopping the milking process to switching between automatic and manual modes, the SmartLite button simplifies daily operations. Providing real-time feedback on the milking status and alerts operators to any issues or deviations, ensuring a smooth and reliable milking experience.

Key Benefits:

- **Durable stainless steel** for long-lasting performance.
- **Integrated LED gives immediate visual feedback** on milking status and alerts.
- **Single-button control** for all essential milking point functions.
- **Supports automatic and manual milking modes** for operator flexibility.
- **Mount anywhere:** panel, curb, and tube mount, for maximum installation flexibility.

ApolloPoint

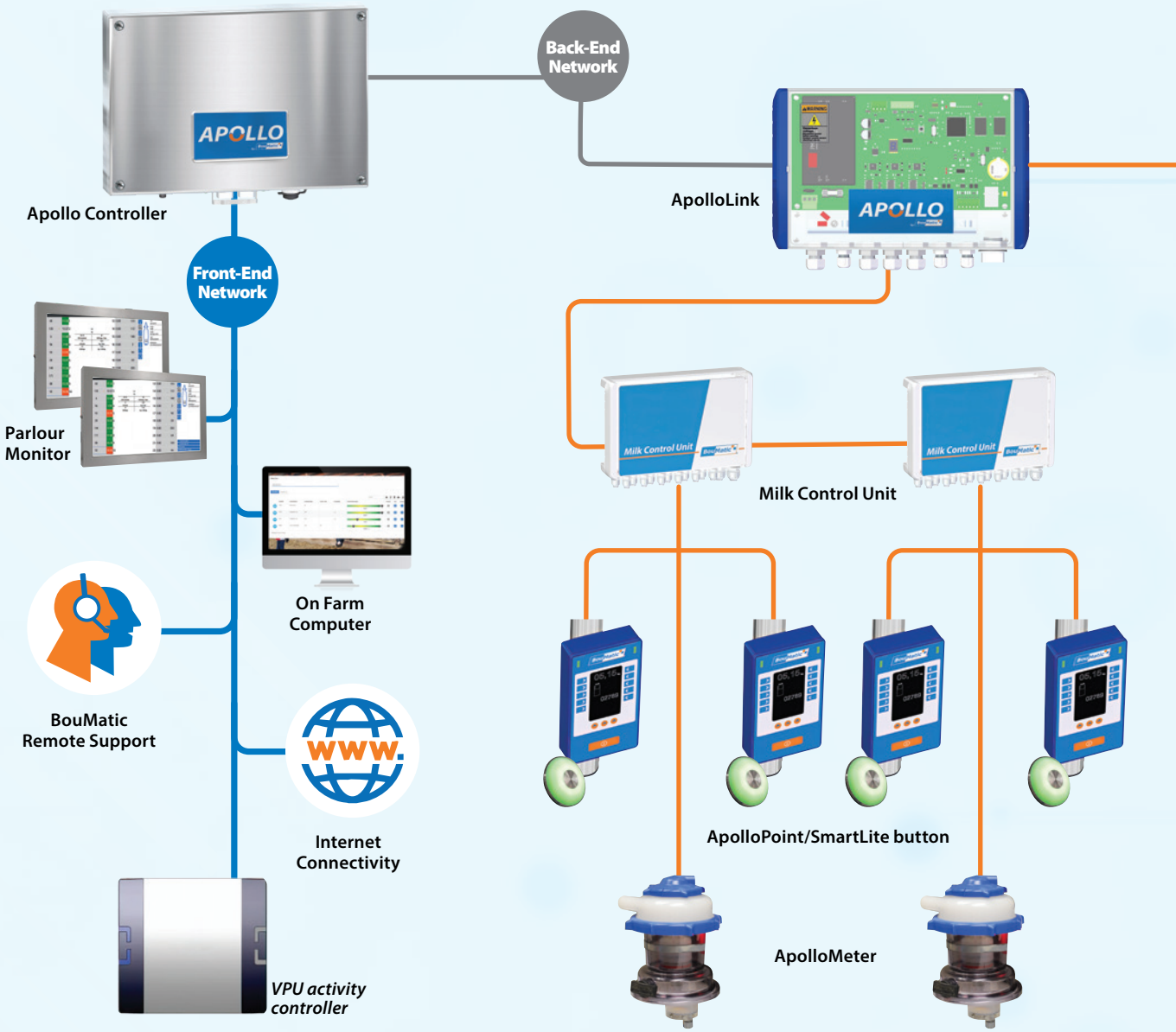
The ApolloPoint keyboard by BouMatic offers dairies real-time milking data, immediate animal access, on-the-spot data entry, and a smooth user experience at the milking point. It can be mounted in a cabinet or installed stand-alone on various stall types. Each milking point has its own ApolloPoint for localized control, featuring a multicolor LCD display, dual RGB LEDs, push buttons, and a start-stop button, ensuring intuitive management of the milking process.



Key Benefits:

- **Displays real-time milking data** such as flow rate, total yield, and milking time.
- **Animal data access including cow ID,** group number, calendar events, and editable fields.
- **Cow sorting directly from the keyboard,** for quick and targeted herd management.
- **Alerts to individual cow issues** like yield changes, calendar-based attentions, or withdrawal periods due to treatment.

Apollo System Overview



Apollo's intelligent components work together to ensure every stall operates at peak efficiency.

SmartLite Operator Button: Durable stainless steel with multi color LED status feedback.

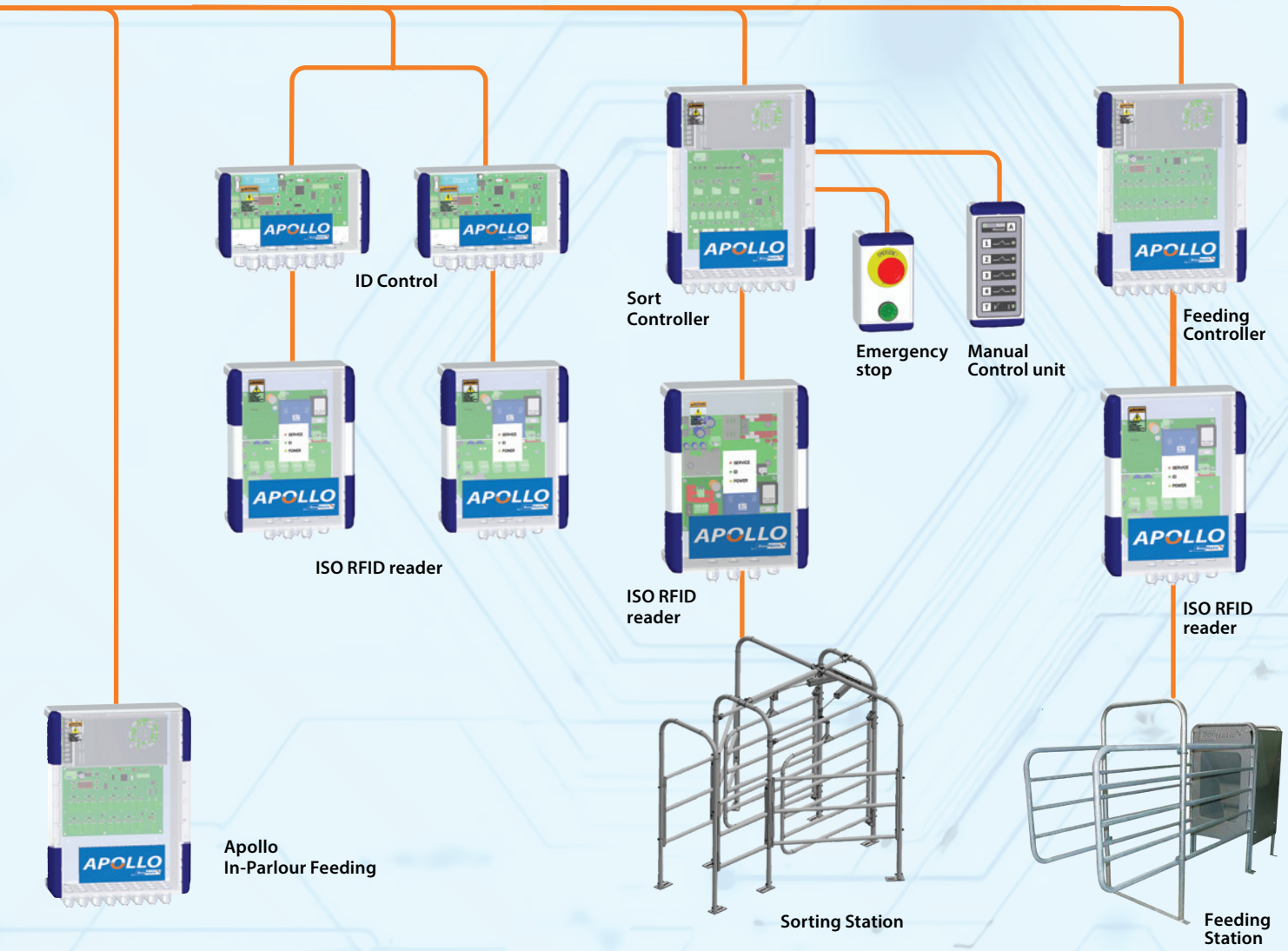
ApolloPoint Console: Full color LCD and keypad per stall.

View:

FLOW RATE | TIME | MILK YIELD

Issue commands like:

SORT | FEED | BLOCK



ApolloMeter:

Based on BouMatic's SmartControl meter, it records flow and yield with high precision.

Parlour Monitor:

Centralized 19 inch waterproof touchscreen aggregates all data and enables system wide commands and cow-level settings.

Hardware Compatibility:

Works with BouMatic HiFlo pulsators, detach cylinders, shut-off valves. Supports both single ID antenna and Per-Point ID (PPID) systems.

Engineered for Modern Dairy Automation



Feeding Capabilities

Apollo empowers dairy producers to optimize cow nutrition through advanced automation, delivering precise feed tailored to each animal's needs. Whether in the parlour or at out-of-parlour feeding stations, Apollo ensures every cow receives the right nutrition amount at the right time - boosting health, maximizing milk production, and reducing waste.

By customizing feed amounts, based on milk output, days in lactation and calendar status, Apollo helps balance diets across lactation phases. This targeted approach improves health, lowers feed costs and supports consistent productivity without the risk of overfeeding.

Apollo operates both in-parlour and out-of-parlour. In the parlour, stall feeders deliver accurate concentrate rations per cow, while out-of-parlour stations use RFID tags (ear- or neck mounted) to dispense feed gradually, promoting natural eating habits. All feeding activity is tracked and reported by cow, group, or herd, and the system integrates with third-party herd management tools, adapting automatically to each cow's lifecycle.

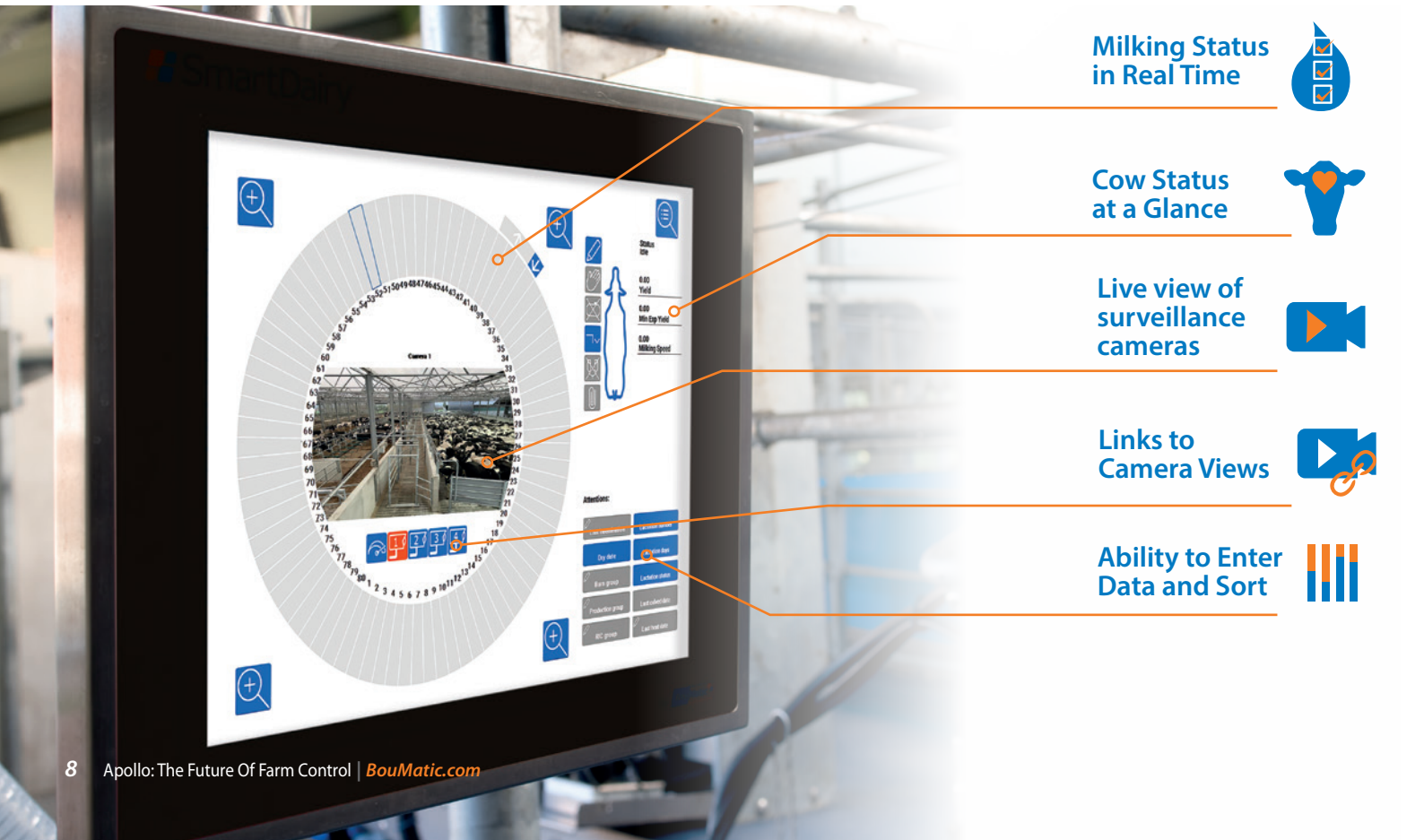


Sorting Capabilities

Sorting cows is one of the most time consuming and labor-intensive tasks on a dairy. **Apollo simplifies this process with fully automated sorting that reduces errors, improves herd management, and saves time.** After milking, cows are automatically directed to the correct group or held for further attention, no manual gate changes needed.

Apollo **supports sorting based on group assignments from external herd management systems or real-time alerts like milk yield, conductivity, and activity** (with Nedap integration). This means the right cows are identified and sorted automatically, keeping your operation efficient and your herd on track.

Despite the automation, control stays in your hands. **Sort cows individually or in batches using the ApolloPoint, the parlour monitor, your desktop pc, or smartphone**. Schedule sorts in advance and customize them for vet checks, breeding, hoof trimming, or group changes all with just a few clicks. Apollo adapts to your barn layout, including retrofits and complex sort gate configurations.





HerdMetrix Herd Management System

HerdMetrix is BouMatic's advanced herd management system and is available as an add-on to your Apollo system, designed to take your farm management to the highest level. Fully integrated with Apollo, HerdMetrix eliminates the need for double data entry, streamlining your workflow. It is offered in two tiers, HerdMetrix Base and HerdMetrix Advanced, giving you the flexibility to choose the level of insight and control that best fits your operation.

HerdMetrix Basic:

User-friendly interface for easy recording of:

- Health events
- Breedings
- Treatments

And MORE

- Automatic scheduling of recurring protocols
- Individual cow attention alerts for timely care
- Customizable Report Writer to focus on the data that matters most to you

HerdMetrix Advanced:

User-friendly interface for easy recording of:

- Herd fertility graphing for visual performance tracking
- Inseminator performance evaluation to optimize breeding outcomes
- Veterinarian checklist for streamlined health management
- Semen stock tracking for inventory control
- Milk withdrawal monitoring to ensure compliance and safety

HerdMetrix Country Specific Software*

- Includes a direct link to governmental animal recording and tracking systems for easy data processing.
- Allows you to send your pedigree registrations, animal movements and import classification data, milk recording data, all at your HerdMetrix system.

* For a list of countries for which the HerdMetrix Country Specific Software link is available, please contact your local BouMatic dealer.

Integration & Data Connectivity

Apollo's open architecture makes it easy to integrate 3rd party herd management software. The system uses modern communication protocols and a flexible network design, improving compatibility with other software.

Modular Design & Scalability

Apollo's modular architecture lets farms build exactly the system they need and expand over time. Dairy operators can start with a basic parlour controller and add modules like feeding, sorting, additional parlours as their operation grows. All Apollo components plug into a single communications network, drastically simplifying installation compared to legacy wiring. Upgrading to full automation with Apollo is seamless—existing equipment like HiFlo pulsators and detach cylinders are fully compatible with Apollo, minimizing the need for special retrofit parts.

APOLLO

The Future of Farm Control

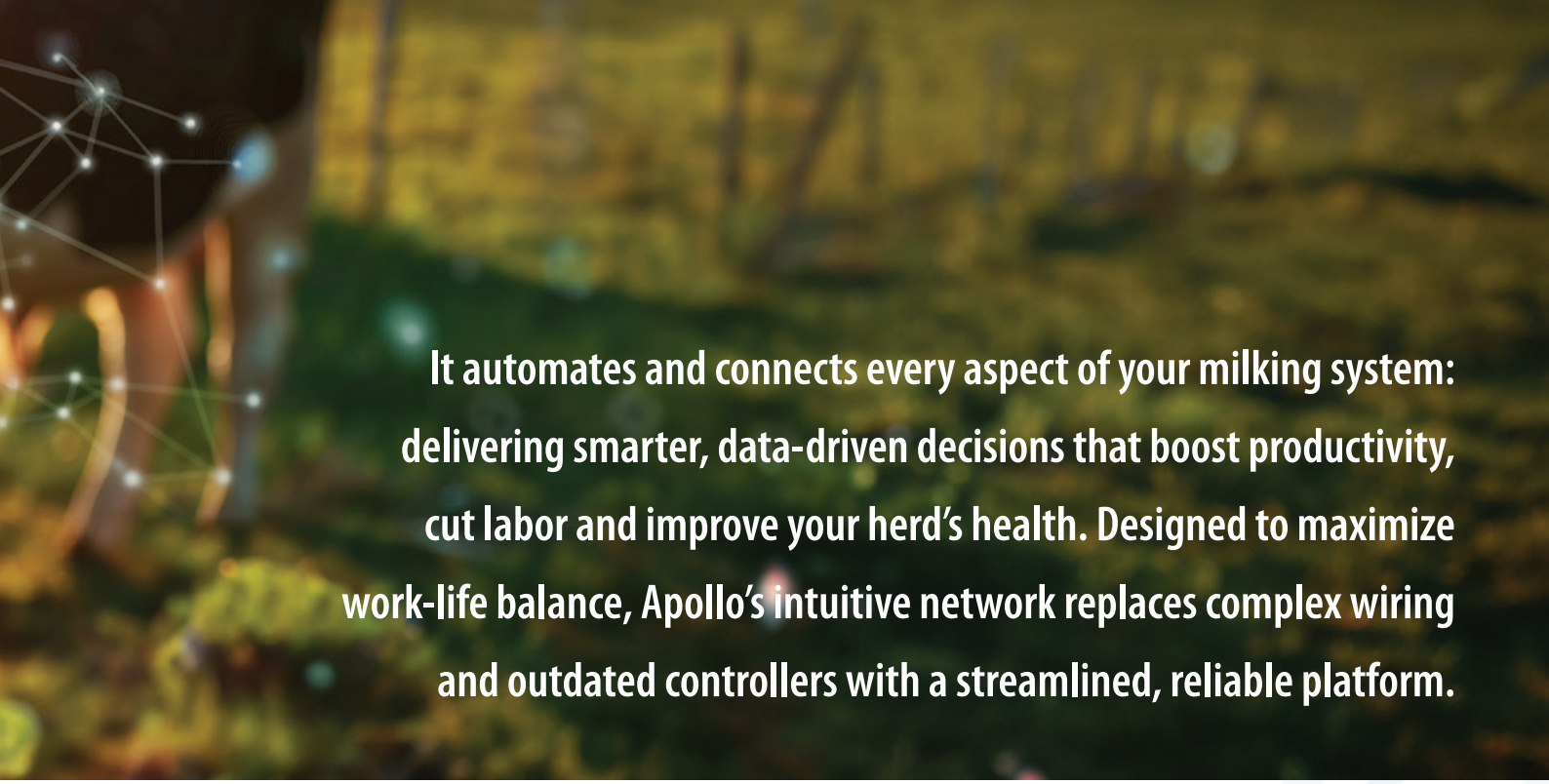


Smarter, Faster Decisions: Instant, real-time insights and through the Apollo user interface, right when and where you need them.

- **Simple and effective data entry** suitable for family farms as well as for (midsize) commercial farms
- **Dashboards with KPI's easy to understand,** most relevant data immediately available
- **Easy to use** alarm lists find problem cows in a quick and efficient manner
- **Report generator make** and customize your own reports
- **Live parlour data shows real-time performance at each stall,** including milk yield, flow rate, cow ID and attention status.
- **Full cow management at the milking point:** sort cows during milking, view alerts, and track animal-level data instantly.
- **Mobile access available for Smartphones/Tablets.** Have most relevant info available, wherever, whenever.

Besides the parlour touchscreen, the Apollo software offers intuitive PC and mobile views. Data entry is simple enough for new staff yet powerful enough for commercial herds.

Apollo's interface uses consistent design principles and intelligent suggestions that guide users through complex tasks. This dramatically reduces training time and prevents the operational disruptions common with other systems during version upgrades.



It automates and connects every aspect of your milking system: delivering smarter, data-driven decisions that boost productivity, cut labor and improve your herd's health. Designed to maximize work-life balance, Apollo's intuitive network replaces complex wiring and outdated controllers with a streamlined, reliable platform.

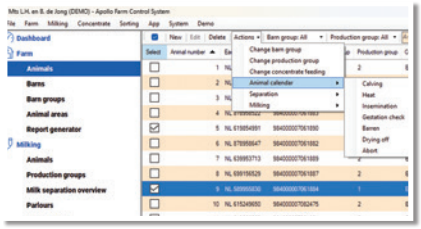


Main dashboard of the Apollo Farm Control System, showcasing key performance indicators and graphs related to attention alerts, milk production, and concentrate feeding.

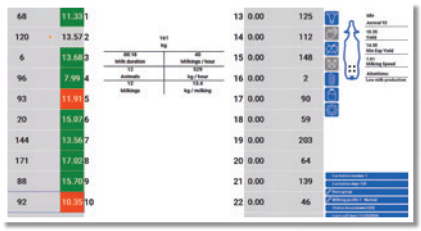


Apollo's access is available for smartphones and tablets.

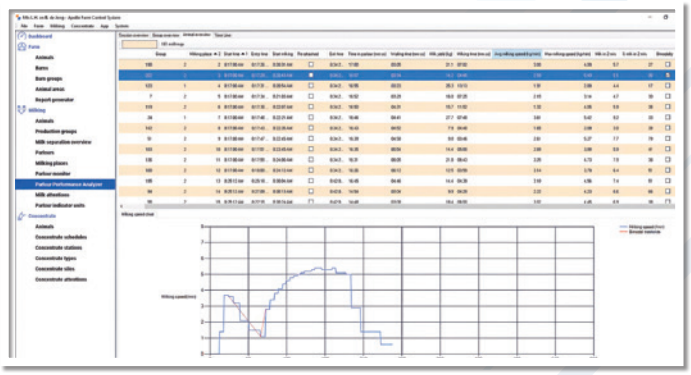
1. Have access to the calendar, feeding, system, and milking sections with pending alert count wherever, whenever.
2. Receive notifications on your phone of detailed information from the farm. You can even check on individual animals with expandable sections for, lactation, calendar, milk production, and concentrate data.
3. Realtime views of your dairy's milk production and conductivity data over time.



Animals overview in the Apollo, highlighting Animal calendar actions related to reproduction and health.



Real-time Cow Data: A live overview of individual cows with milking yield, flow rate and attention alerts, highlighting animals requiring operator review.



Parlour Performance Analyzer, displaying detailed milking data per milking session, on herd, group and individual animal level, like flow rates, production, attaches and re-attaches.

A PARTNERSHIP FOR SUCCESS

At BouMatic, we are proud of the long-term relationships that we have with our users from around the world. As the largest privately-owned company in the sector, we focus all our energy on our customers. In all our dealings and on all levels, we work for you, our customers, because your success is our success.

OUR PHILOSOPHY

From our modest beginnings, we have always stayed true to the core values of our founders. Today, as an industry leader, those values have become our guiding principles.

- **Animal health**
- **Commitment to scientific research**
- **Profitability**

CONTACT A DEALER TODAY

Ready to Upgrade? Contact your dealer today for a personalized consultation and to schedule your data demo. Our network of dealers are waiting to support you in partnership.

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LEARN MORE!

Built for Ease, Designed for Service

We've engineered Apollo with a focus on intuitive use and dependable service, ensuring it's a system that works for everyone on your farm.



YOUR CLOSEST DEALER

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