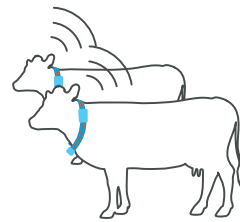# **Afi**Collar

Enhanced
Neck Collar
for cow monitoring

Integrates with
AfiFarm (standalone
as well as fully
configured solution)

- ☑ Heat detection
- ☑ Accurate rumination monitoring
- ☑ Individual cow health
- ☑ Group nutrition monitoring
- ☑ 24/7 wireless detection

Healthier, Better Performing Cows with AfiCollar

Rumination

Eating

Milk sensor integration

Heat detection

Mobile management

Health monitoring

Animal ID

AfiFarm 5.4

Integrates with AfiFarm herd management software

Group behavior

24 / 7

24 / 7 detection

Patented, unique technology

AfiCollar uses a proprietary 3D accelerometer to effectively monitor motion patterns.

- ☑ Robust mechanical design
- ☑ Accurate identification in parlor
- ☑ Proprietary 3D accelerometer to effectively monitor motion patterns
- ☑ Long-range wireless technology
- ☑ NFC tag enables easier use with mobile devices
- ☑ Accessible anytime, anywhere with Afi2Go Pro mobile app

Heat detection that stands out

The AfiCollar provides 95% detection sensitivity in diverse farm conditions, and includes optimized algorithms for cows and heifers, and for various regimes such as closed barns and pasture.

3 sensors, 1 health monitoring package

Rumination is a sensitive, early indicator for health issues. However, multiple factors may cause a drop in rumination, making it highly susceptive to false alarms. The AfiCollar combines rumination, chewing and activity detection for accurate alerts to health issues such as:

- ☑ Mastitis
- ☑ Ketosis
- ☑ Digestion problems
- ☑ Feed quality
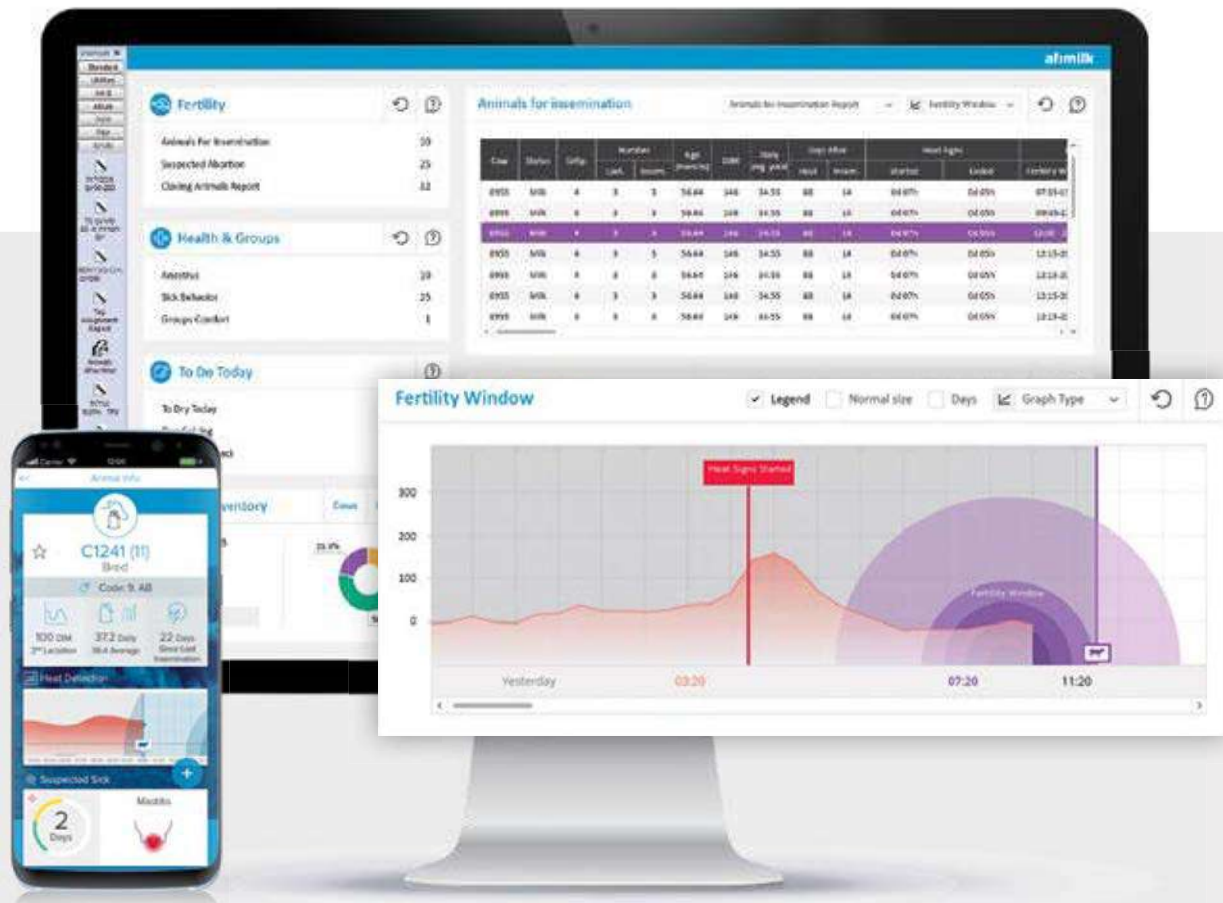- ☑ Fresh cows for production progress
- ☑ General health

A Match Made in Heaven

AfiActII and AfiCollar integrate perfectly with AfiFarm 5.4 to provide:

☑ **Cow ID in the milking parlor and sort gate -** with proprietary active ID technology built into the sensor

☑ **Combined multiple sensor algorithms -** analyze the combination of behavioral changes (using AfiAct II) and milk changes (using Inline Milk Lab)

☑ **Accurate heat detection and intuitive management tools -** AfiFarm is the premier management tool for making informed decisions and monitoring their execution

☑ **Find animals requiring attention and sort them -** with the best and most flexible automated routine and procedures

☑ **Single software -** for heat detection, herd management, milk recording and parlor automation

Ideal insemination timing:
Find out which cows to inseminate and when

When it's insemination time, you want the most up-to-date heat detection list possible . Not only will AfiFarm help you detect animals in heat and mark them for insemination, it will also indicate ideal insemination timing to:

- ☑ Improve conception rates
- ☑ Eliminate useless inseminations and save money

Key Data at Your Fingertips

Intuitive mobile apps for effective mobile management

Afi2Go Pro:
Everything you need to know, everything you need to do

☑ Key information at your fingertips: animal status, events and more

☑ Search for animal - type her number or use a Bluetooth RFID wand

☑ Assign tags, assign codes, conduct insemination and treatments - all from your mobile device

Farm notifications mobile app:
Stay alert with real-time notifications

Time-sensitive events are pushed to your smartphone and farm-notification inbox.

☑ Animals for insemination

☑ Calving alerts
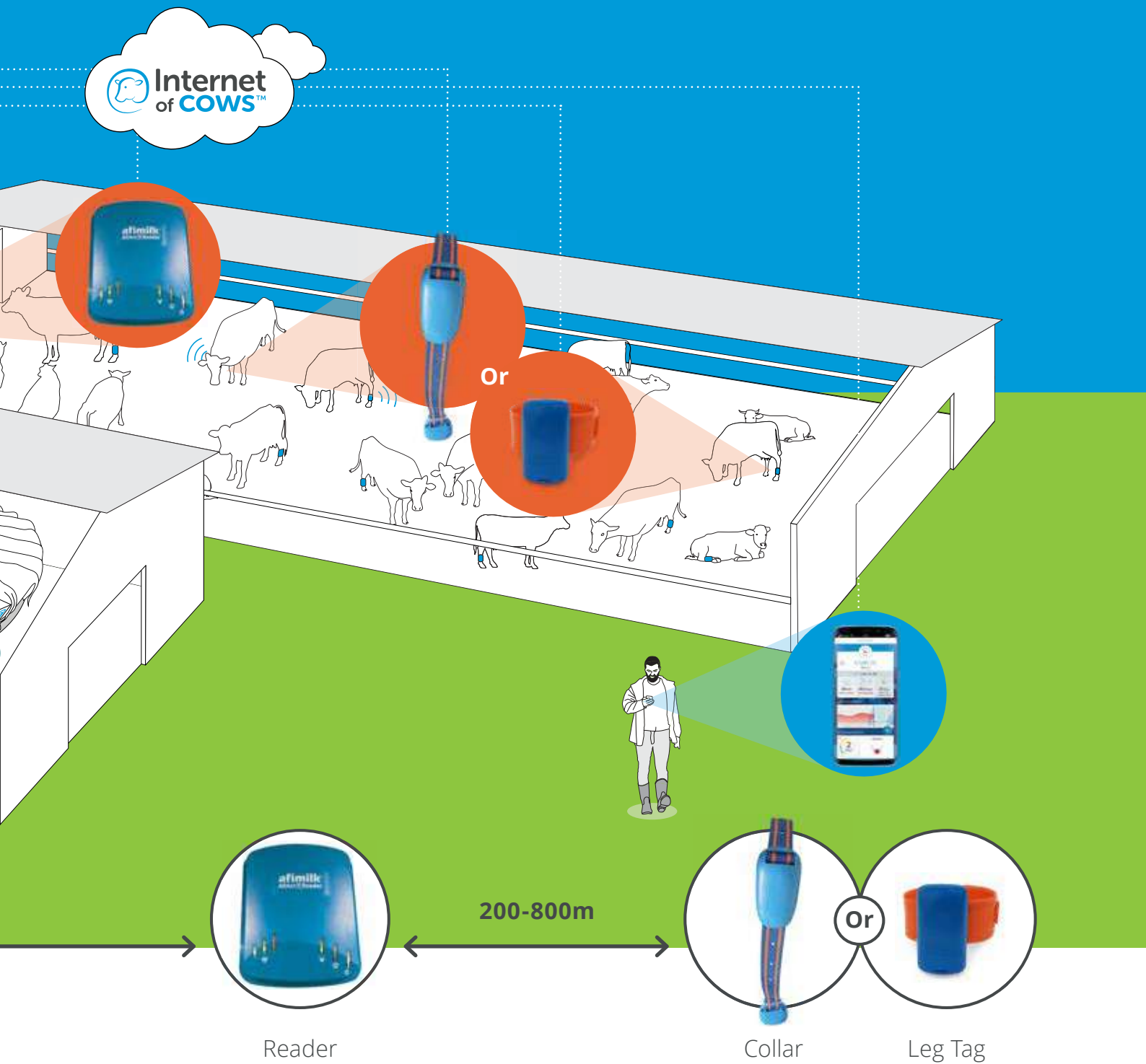
☑ System alerts

Farm Notifications app

Afi2Go Pro

Wireless Technology

Continuous data to enable informed, profitable decisions.

Farm Wi-Fi

AfiFarm & Mobile Apps

24/7 wireless reading across the farm

- ☑ 24/7 tag reading allows maximal management flexibility
- ☑ Electrical design ensures multi-year battery life
- ☑ Wireless communication to monitor milk cows, dry cows and heifers

- ☑ Easy setup via farm Wi-Fi
- ☑ Automatically transfer data on return from pasture
- ☑ Easily assign collars to animals – by reading NFC tag with your mobile device
- ☑ Powerful reader for extended coverage

Reader

200-800m

Or

Collar   **Leg Tag**

Please note:

1. Leg tags and neck collars cannot be mixed in the same farm

2. Transmission range may vary according to obstacles in the field.
   Neck collars will typically provide 15% longer range.

www.afimilk.com