



Micro Technologies™
AmerisourceBergen

Beef management solutions

Advanced, comprehensive and
integrated animal management systems

"As an all-natural feedyard, Micro's Accu-Trac[®] gives us the ability to be one of the most trusted and sought after yards. While remaining cowboy-friendly, the technology is unmatched by any other and gives us the reliability to trust the accuracy of any antibiotic use on an individual animal basis, which helps identify what program an animal can be marketed to."

Dale Moore, Owner, General Manager
of Cattleman's Choice Feedyard, Inc.

Micro Technologies is the leader of innovative solutions in animal management systems to make daily operations for dairy and beef producers easier. Since 1971, we are unmatched in providing customized technology solutions to fit individual needs.

What We Do

- Provide technologies to help feedyards produce a safe, wholesome product more efficiently and more profitably
- Precision feedyard management solutions
- Real-time information and statistics on feed, health, and other animal data in a single inventory system
- Optimize animal health
- Provide one-of-a-kind customer service with a skilled technical force
- Ability to implement specialized programs, offers and same-day service 366 days of the year





Pre-feed lot solution

Stocker1™ Management system

Cloud based management and tracking system for stockers and backgrounders. Designed in the field by experts to be all encompassing and easy to use.

Easy to use

- Record the unique activities that occur on stocker and backgrounding operations, with the system rolling costs forward so a current break-even is known

Full-featured

- Capture feeding, processing, treatments and allocated costs such as rent, yardage, or gain changes
- Receive flexible, interactive reporting on individual animals, groups or both
- Record all expenses such as salt, hay, or mineral to roll forward for accurate price projections



The screenshot shows the 'Inventory' section of the Stocker1 web application. At the top is a navigation bar with links: Home, Cattle, Cattle Movements, Feed, Expenses, Health, Setup, Tools, and Reports. Below the navigation bar, there are three tabs: 'Current Groups', 'Closed Groups', and 'Current Locations'. The 'Current Locations' tab is selected. The main content area displays a table with the following columns: Location, FDP, Head In, Head Out, Deaths, Curr Hbl, Hbl Days, and Ex. The table contains five rows of data:

Location	FDP	Head In	Head Out	Deaths	Curr Hbl	Hbl Days	Ex
Beresuda Trap 1	10/11/16	100	20	0	80	4,800	1,000
Beresuda Trap 2	11/11/16	481	62	1	418	25,857	4,000
Hospital	10/11/16	4	0	0	4	217	1,000
Nelson Pasture	07/25/16	200	0	0	200	11,400	1,000
Pen 1	10/11/16	218	1	0	217	15,019	1,000
Pen 2	10/11/16	40	0	0	40	5,368	1,000

**Our
technologies
impact 2 out of
3 beef products
consumed in
the US**

Health management



DRUG-TRAC®

Animal health system

The most comprehensive health management software system available today to help you ensure optimal animal health with flexible, interactive reports and chute side management.

Quality assurance

- Record the unique activities that occur on stocker and backgrounding operations, with the system rolling costs forward so a current break-even is known

Operational efficiency

- Receive flexible, interactive reporting on individual animals, groups or both
- Decrease labor and save time and money with real-time, chute-side animal/health management



WHISPER®

Electronic stethoscope

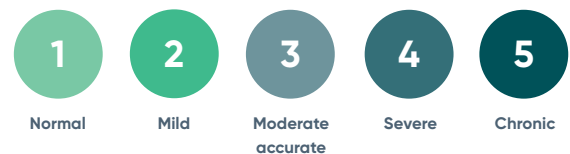
Whisper is a simple, quick, non-invasive and specialized software used to detect lung health.

Accuracy

- Digital stethoscope to capture and record lung sounds, then converts to an objective score easily understood by any employee

Efficiency and quality assurance

- Software is built to automatically analyze lung sounds to diagnose and support best treatment based on 5 different levels of lung health



**Our roots
run deep,
and so do
our solutions**





Integrated feed management suite

READ-N-FEED®

Bunk reading system

READ-N-FEED is the most advanced and comprehensive feed system which allows feed managers every opportunity to optimize animal performance by delivering consistent, customized feed.

Accuracy

- Improve accuracy and accountability of ration delivery with mix-on truck batching capabilities
- Integrates with GPS Feed Truck System (see next page) for increased accuracy and precision

Operational efficiency

- Web-based reporting shares information between management and consultants for improved efficiencies and multiple checkpoints
- Assists managers with feed calls, scheduling, truck routes and implementing ration changes
- Saves reports and historical data for problem-solving

Fully integrated

- The latest version of the new integrated READ-N-FEED System interacts seamlessly with all features of the DRUG-TRAC Animal Health System

READ-N-FEED®

GPS feed truck system

READ-N-FEED helps to deliver rations to animals with greater precision, while automatically collecting feed information.

Accuracy

- Automatic pen verification
- Facilitates even distribution of micro and macro feed ingredients with a graphical depiction of feed delivery pacing

Operational efficiency

- Automatically record feeding and loading information



Micro Weigh System®

Ingredient delivery system

The Micro Weigh System uses precision micro ingredient delivery that maximizes performance and saves costs. It accurately measures the nutrients and ingredients needed for flexible ration delivery per pen, reducing shrink.

Accuracy

- Liquid and dry micro feed ingredients measured within +/- 2% and delivered with the ration for consistency in each bite
- Our technology is flexible to work with your nutritionist's specifications for each stage of finishing

Cost efficiency

- Can accommodate special ration needs based on climate or health conditions of pen

PRO-CONTROL® Plus

Feed batching system

PRO-CONTROL PLUS manages macro ingredients in the production of finished feed. This computerized system improves the accuracy and speed of ration composition.

Accuracy

- Produce accurate and consistent rations every time
- Built-in Statistical Process Control (SPC) provides quality control for precision management
- Provides full audit trail from individual ingredients to the bunk
- Full compliance with FDA Good Manufacturing Practices (GMP) guidelines

Cost efficiency

- Improves feed mill efficiency, saving time and reducing costs

Operational efficiency

- Can be accessed remotely from multiple electronic devices for constant monitoring

Micro's feed inventory system allows operations to accurately track commodity quantity and cost with full integration into the Accu-Trac suite. This allows feed yard managers to see quantity of commodities on hand and contracted, and calculates usage cost and on-hand value.

Feedlot management solutions

Accu-Trac® Office

Integrated feedyard management solution

Real-time information on feedyard data in a single inventory system.

Accuracy

- No interfaces and no duplicate entry
- Receive numerous special ingredient and ration pricing options

Flexible

- Easy change of ownership
- Visible lot and owner expenses

Intuitive cost analyses

- Choose to deplete inventory on actual loads or theoretical for price predictions
- Feed and deplete milled ingredients (flaked corn)
- Tracks average moving costs of commodities based on inputs



Accu-Trac® Mobile

Mobile technology solution

Accu-Trac mobile combines all the features of Accu-Trac with today's smartphones. See real-time data 24/7, make adjustments and important decisions from the palm of your hand.

Flexible

- Navigate the app easily with our user-friendly interface
- With your phone, records are updated system-wide instantly without having to track down note cards and re-enter information later

Real-time

- Instant feed call changes from your phone sync to Read-N-Feed
- Look up lot/pen inventory
- View called feed by ration and see fed and percentage fed





Integrated cattle management solutions





Accu-Trac® Scan

UHF cattle
inventory solution

Chute-side and alley UHF hardware that integrates into Micro's Accu-Trac System for accurate animal inventory in real-time without human count errors.

Large volumes

- Quickly scan large volumes of cattle through alley setup

Hospital tag

- Use UHF tag as hospital tag with complete tracking for treatments and withdrawals

Shipping

- Add peace of mind and eliminate costly errors by making sure the right cattle are being shipped

Accu-Trac® Shadow™

Monitoring +
management

In combination with the Accu-Trac software, the Accu-Trac shadow tool can be used to monitor both short and non-ridden pens. It automates record-keeping as well as provides a score card by pen rider, making it a useful management and teaching tool.

Accuracy

- Pen riders place the charged GPS tracking device in their pocket each morning and their rides are automatically recorded.

Easy to use

- Device holds a daily charge. Each rider plugs it in at night and picks it up first thing in the morning.

Real-time

- GPS locators can upload each pen rider's paths and locations in pens to verify routes and every animal gets observed.

Integrated feed management suite

Perfect Pass™

Perfect Pass is next-level feeding accuracy. It guarantees feed truck drivers deliver the correct feed and precise feed called to the GPS located bunk. Deliver the right ration to the right bunk, every time. No costly human errors.

Accuracy

- Automatically verifies pen location via GPS and will only dispense feed if at the right pen.
- Eliminates costly errors for NHTC and all-natural compliance feeding.

Cost efficiency

- Deliver efficient and exact feed amounts to reduce costs

Flexible

- 3 levels of automation allow you to tailor the system to your unique needs



**Managers using Perfect Pass™
technology benefit from added
precision to their feed calls and
peace of mind, as well, knowing
the right ration is being delivered
to the right group of cattle ...
every pass.**

Inventory management suite

AT Scale

Customizable kiosk system can be run by employees or delivery drivers. It creates tickets that can be printed by a thermal printer with the ability to integrate into the Accu-Trac feed inventory system.

Flexible

- Equipment layout options can be customized for an outdoor contact-less operation or for your in-office employees.
- Data points can be customized to best fit your needs.

Fully integrated

- Ticket information is available in the Accu-Trac software where it can easily become a part of the feed inventory.
- Scale tickets update automatically as you work within the Accu-Trac Software.

Accuracy

- Multiple scales can be integrated onto one Accu-Trac Server.
- Reduces time spent manually inputting scale ticket information



AT Repleni-Trac

Lower the stress of managing your animal health inventory, with the right product, in the right place, at the right time. AT Repleni-Trac automates your product inventory process, while simultaneously providing unrivaled insight into product usage.

Operational Efficiency

- Easily check product in and out with handheld scanning device

Fully integrated

- Inventory information is available in the Accu-Trac software providing increased visibility
- Simple re-ordering process through mwiah.com

Cubex®

QBud station

Cubex QBud Station is a wireless, digital inventory management system for animal health products and many other consumable supplies.

Quality assurance

- Record the unique activities that occur on stocker and backgrounding operations, with the system rolling costs forward so a current break-even is known

Operational efficiency

- Receive flexible, interactive reporting on individual animals, groups or both
- Decrease labor and save time and money with real-time, chute-side animal/health management



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