

BINTRAC™ FM

FEED MONITORING

An integrated system providing real bin weight and feed use data.

Features:

- Real-time bin inventory by weight
- Bin side display of current weights for individual bins in a cluster
- Local display for all bins at a site
- Bin weight logged for each bin at 15 minute intervals
- Web hosted remote bin data retrieval using BinTrac™ BinSERV
- BinTrac™ VMI (security protected web site www.bintrac.com) for:
 - Feed order preparation
 - Feed order tracking
 - Inventory & feed use monitoring with alerts
- Interface to feed mill management systems
- Optional interface to local site management systems

Benefits:

- Build feed orders to optimize feed mill utilization, load size and routing
- Predict future bin inventories based on actual feed use rates
- Document feed order deliveries to the correct bin
- Document use of feeds containing medications and additives (date & time)
- Reduce bin vacuuming at change over
- Automate feed ordering thru feed mill management software interface
- Improve safety by eliminating bin climbing

For more information contact:

Pesco, Inc • Suite 200 • 5620 Smetana Drive • Minnetonka, MN 55343
Ph 952-932-9111 • Fax 952-932-9115 • Email sales@pescoinc.com

PESCO INC.
THE dry material handling experts

HerdStar®
www.bintrac.com
877-BINTRAC

BINTRAC™ FM

THE INTEGRATED FEED MONITORING SOLUTION



Bin Weighing

RS232 output to local bin management system

Site Communications

Ethernet output to site management or site-based server

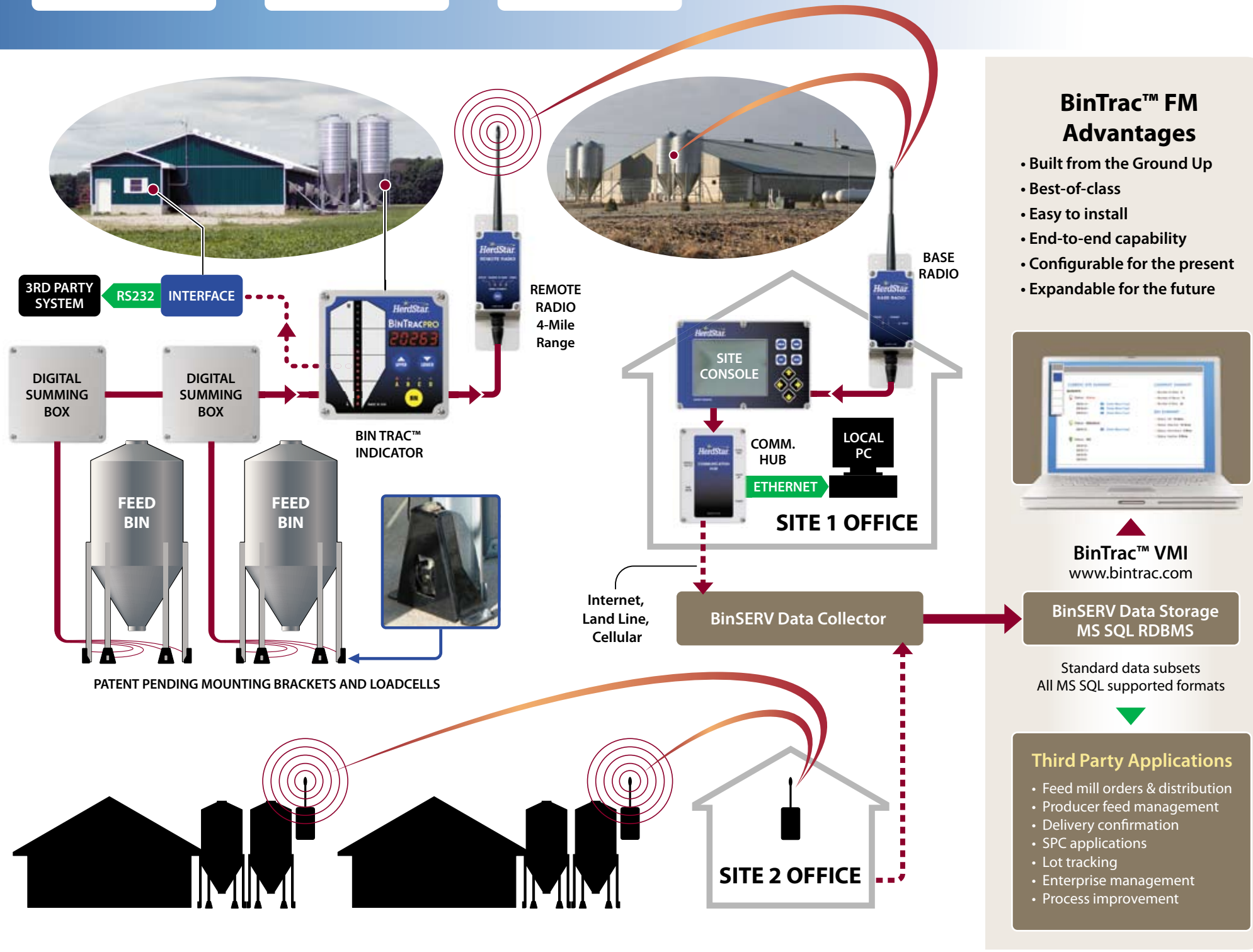
Remote Data Collection (BinSERV)

MS format SQL data output to third party applications

BinTrac™ VMI www.bintrac.com

Integrated Modules

with Open Architecture



BinTrac™ FM Advantages

- Built from the Ground Up
- Best-of-class
- Easy to install
- End-to-end capability
- Configurable for the present
- Expandable for the future

BinTrac™ VMI www.bintrac.com

BinSERV Data Storage MS SQL RDBMS

Standard data subsets
All MS SQL supported formats

Third Party Applications

- Feed mill orders & distribution
- Producer feed management
- Delivery confirmation
- SPC applications
- Lot tracking
- Enterprise management
- Process improvement

Bin Weighing

Patent Pending Mounting Bracket

- Easily installs on existing & loaded bins
- The bracket is the lifting mechanism
- Requires less than ½" bin lift
- Simplifies equal loading
- No shimming or blocking
- Hanging loadcell is protected against ice and moisture

HerdStar Type II Loadcell

- HerdStar certified
- "S" style tension loadcell
- Field calibration is not required
- Temperature compensated
- Accurate result for uneven bin loading
- 3-year warranty

Digital Summing Box

- Minimizes special loadcell cabling
- Improved signal quality
- Allows long wiring runs with low-cost cable
- Proprietary isolation protects loadcells from electrical surges & lightning

BinTrac™ Pro Indicator

- Up to 4 bins per indicator
- Displays multiple bins at timed intervals
- High-visibility bar graph level indicator
- Locate up to 250 feet from bin
- Single 4 wire cable connects multiple devices
- Low-voltage electronics

Site Communications

Industrial Wireless LAN

- Eliminates site wiring & provides complete isolation between BinTrac™ indicators
- 900MHZ 1000mWatt provides excellent performance
- Transmit up to 4 miles line of site
- Network up to 99 BinTrac indicators

Site Console

- Local display for all bin weights

Communications Hub

- Communicates with site devices
- Supports dial-up, cellular, and Internet remote connection

Remote Data Collection

BinSERV Data Collection

- Auto data collection across multiple sites
- Collects logged bin weight data
- Data integrity and error detection
- Auto retry for failed data transmittals
- Secure communications protocol
- Remote communications options
 - Dialup
 - HerdStar "always-on" cellular service
 - Internet with static IP address

BinSERV Data Storage

- HerdStar maintained secure database
- Manageable SQL database format
- Stores logged bin weight data in 1-hour increments
- Third party data access available through secure web portal

BinSERV Quality Assurance

- Monitor and verify remote communications
- Monitor system & device performance
 - Site device connection
 - BinTrac™ PRO settings
 - Invalid zeroing of bins
 - Bin weight data performance
- Remote diagnostic testing

BinTrac™ VMI

www.bintrac.com

- Enterprise vendor managed inventory system
- Multiple level security & access protection
- Accurate hourly bin weight data
- Adjustable, multi-level bin alerts
- Intuitive bin & tandem bin status display
- Feed order management
 - Projected time to bin empty
 - Prepare feed orders
 - Track order status
 - Verify order delivery dates & quantities
- Feed use monitoring
 - Bin weight history graphs for all bins
 - Rolling 24-hour feed use for single or tandem bin(s)
 - Interactive screens and graphs for monitoring feed use trends and feed out events