

**INTEGRA**  
INTEGRATED MANAGEMENT SYSTEM

**I BOX 360**  
INFORMATION IS POWER



FEED • WATER • ENVIRONMENT • SURVEILLANCE • WEIGHT

**Your Source for Innovative**  
*Solutions*

*AUTOMATED PRODUCTION SYSTEMS,*  
providing innovative, effective and efficient  
solutions to the challenges of modern pork production.



# Feed, Water, and Environment

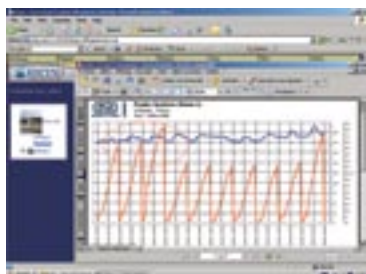
Take control of your environment with an **Expert Ventilation Control** from AP. Expert Controllers integrate all components of an Airstream Ventilation System to provide the best possible environment for efficient growth and reproduction in your swine facilities.



Graphic View of Control



Expert Ventilation Control



Feed System Run Time

## Feed

Be notified of out of feed occurrences and verify that daily feed intake is trending upward as planned by monitoring feed system run time.



Ventilation

## Environment

Monitor and control all aspects of building environment including temperatures, humidity, fan operation, inlet positions, and heater run time. Make adjustments as needed without entering the building.



Temperature Uniformity



Water Usage

## Water

A drop in day over day water usage is an early indication of health problems.



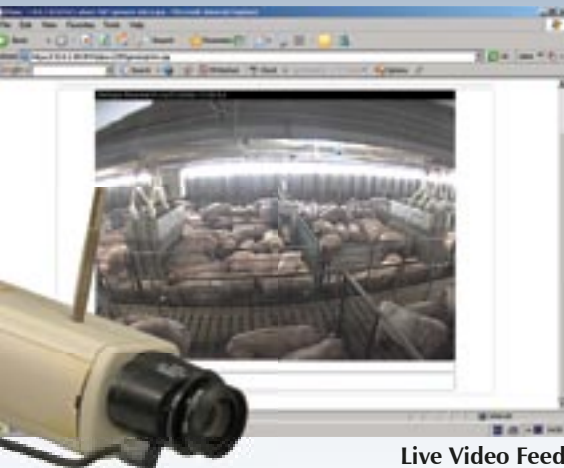
Water Pulse Meter



Weight-Trax Controller

Integra Weight-Trax Heavy Duty Sorter

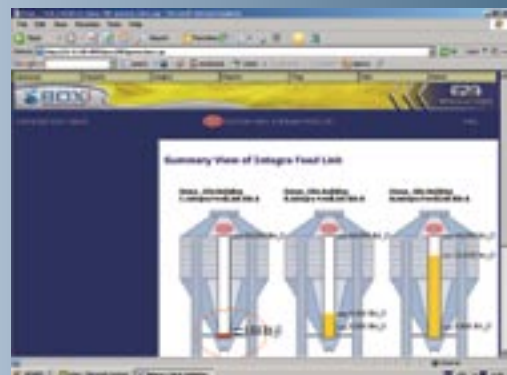




Live Video Feed

## Surveillance

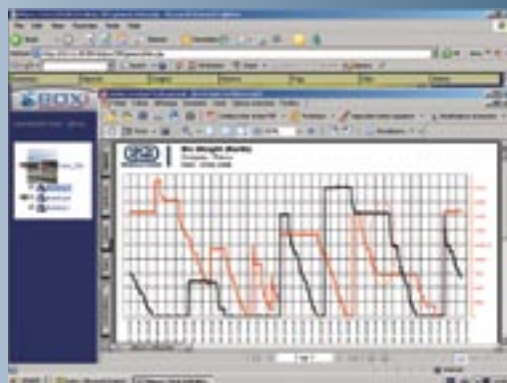
Monitor bio-security, pig performance and research projects with a live video feed by installing a surveillance camera.



Graphic View of Feed Inventory

## Feed Inventory & Consumption

The **Integra Feed Link System** from AP delivers accurate real-time data regarding on-farm feed inventory and consumption. Maintain a record of feed usage, schedule and verify feed deliveries, and prevent profit robbing out of feed occurrences.



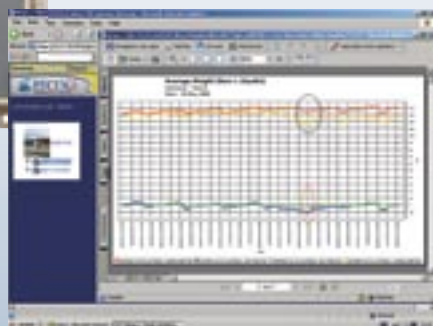
Feed Bin Weight Changes

## Animal Weight

**Integra Weight-Trax Sorting Scales** from AP provides accurate real-time live weights and sorting capabilities. Monitor daily gain, manage feed ration changes for maximum performance and “hit the window” when marketing to achieve your maximum profit potential.



Integra Feed-Link System



Daily Weight Gain





"Integra I-Box 360 hardware, software and support is provided in partnership with E2E Resolutions, the communication specialist."



- Pre-defined graphs, reports and summary views are generated automatically for Water and Feed Consumption, Temperature Uniformity, Humidity, Ventilation Conditions, Feeder Runtime, Mortality and Inventory in standard format (PDF, XLS, etc...)
- Flagging functionality allows to set out of range value on any parameter of any controller connected to the I-BOX 360° to detect when water consumption is too low, ventilation settings are being changed outside of limits, feed bins are getting low, etc...
- Alarm view shows all the current alarms coming from the controllers plus all active flags generated by the I-BOX 360° itself. This view shows you exactly what is abnormal at the farm. When a new alarm or flag is raised, a visual indication appears next to the building, room, floor, zone, where the alarm or flag is located.
- E-mails can be sent automatically to different groups or users when flags are raised, reports or graphs are generated.
- Dedicated system that runs 24/7
- All data changes, events and alarms are automatically logged as they occur
- Data retention up to two years
- System entirely based on WEB technology (i.e. Remote users only need Internet Explorer 6.0 or FireFox 1.0)
- Support multiple users simultaneously
- Support for internationalization (English, Spanish, French and Chinese)
- Every user has his own password and set of privileges so that specific users are allowed to view only specific information
- Remote connection through Internet, Modem, Ethernet network, Wi-Fi (Wireless 802.11)
- Remote connection through Internet Explorer, no software to install on customer's PC
- Export Data capability

