Producers are now facing important decisions to get ready for new technologies.

They look for a smart barn system that becomes the single management and control platform for integrating all these new technologies.

MAXIMUS - Smart control system

The MAXIMUS system is a modern, intelligent barn controller that fully integrates the function of all components of climate control into a single unit, eliminating the need to program and coordinate several smaller controls.

As you know, the ventilation strategy is based on stages. As the temperature increases above a set point, the system will turn on more and more sidewall or chimney fans. If there are natural ventilation panels, curtains or inflated walls, it will start opening them to cool the room. Sidewall fans will turn off to save energy. With the MAXIMUS controller, you will see all ventilation stages and will be able to determine which fans start at which temperature, what the inlet/curtain openings should be for each stage, what is the ideal static pressure for each stage, etc.

Obviously, heating and ventilation savings are a huge factor in payback on these computers, but some of the tools that allow users to track, analyze and manage those aspects are key. By using the MAXIMUS controller, collecting heater run-time data, temperature and humidity logs by zone (including outside), feed and water consumption, mortality, and many other statistics can make all the difference in diagnosing and fixing problems that may not be immediately apparent by walking the barn.

Moreover, the MAXIMUS controller includes and replaces standalone alarm systems. Our smart system allows for a quick response to emergency situations, remotely or in person, to prevent costly problems or catastrophes.

As a matter of fact, data monitoring and alarm systems offer your equipment and service providers a direct line to your controller. You can check the situation in the barn 24 hours a day, no matter where you are in the world. Alarms can be sent to your PC, tablet or smartphone. And, if necessary, you can remotely adjust the parameters of the control computers to improve the processes in the barn.
Plus, the MAXIMUS controller enables biosecurity by managing and programming smart cards for each employee. By placing readers on entries and exits to complexes, sites, and barns (or even rooms), you can control permission to access or make instant changes on-the-go from a smartphone to prevent ‘bad’ movements in the barn.

Besides biosecurity, the MAXIMUS controller can be programmed to monitor whether or not work tasks (chores) have been done and whether or not they were completed correctly.

As you can see, the smart MAXIMUS controller allows you to manage and control many functions besides heating and ventilation. Setting budgets for feed and water consumption and using growth curves offer the possibility to control and send warnings and alarms when groups are going off track.

The MAXIMUS controller is a revolutionary system that offers a complete overview of your barn and insight into production costs to manage, control and improve your production. The future is now, be ready to face new technologies with the MAXIMUS system.

Stop by Booth #C11605 to learn more about the MAXIMUS Solution.