



Leading the world in
auto-sorting technology.

NU-ERA ENTERPRISES LLC



ProSort

Who We Are

ProSort Systems is committed to providing the most current and state of the art hog sorting technology on the market. From one-way gates to advanced sorters and layout installation, ProSort is there to provide and assist in any and all hog sorting needs.

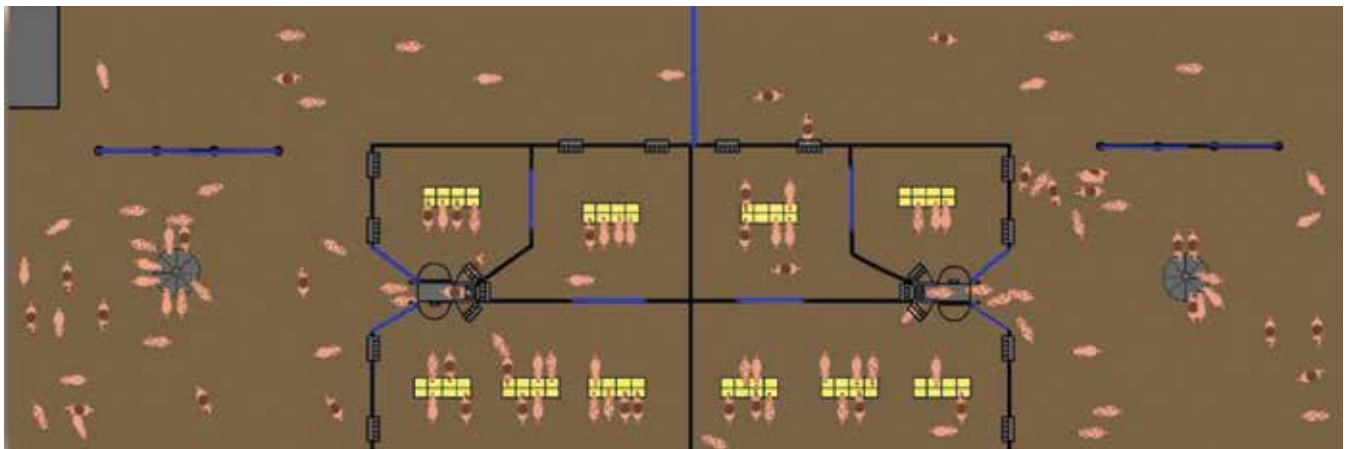


Designed around the pig from the ground up. Controlled by our industrial PLC based system with Sort-Link technology that enables you to link multiple sorters together to work as a team to sort a load of hogs.

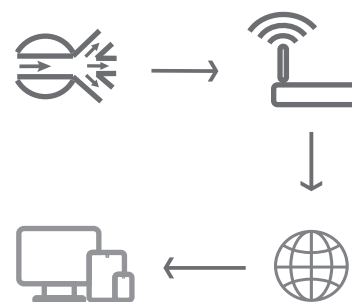
Food Court

The **food court system** is an advanced hog sorting system that stimulates consistent and desirable market weights in the pigs it houses, while lowering labor and feed costs.

In order to be fed pigs must enter a sorter to be weighed which will determine if they will eat in a pen with low, high or medium protein feed. This allows smaller pigs to gain weight and keeps larger pigs at a desirable market weight.



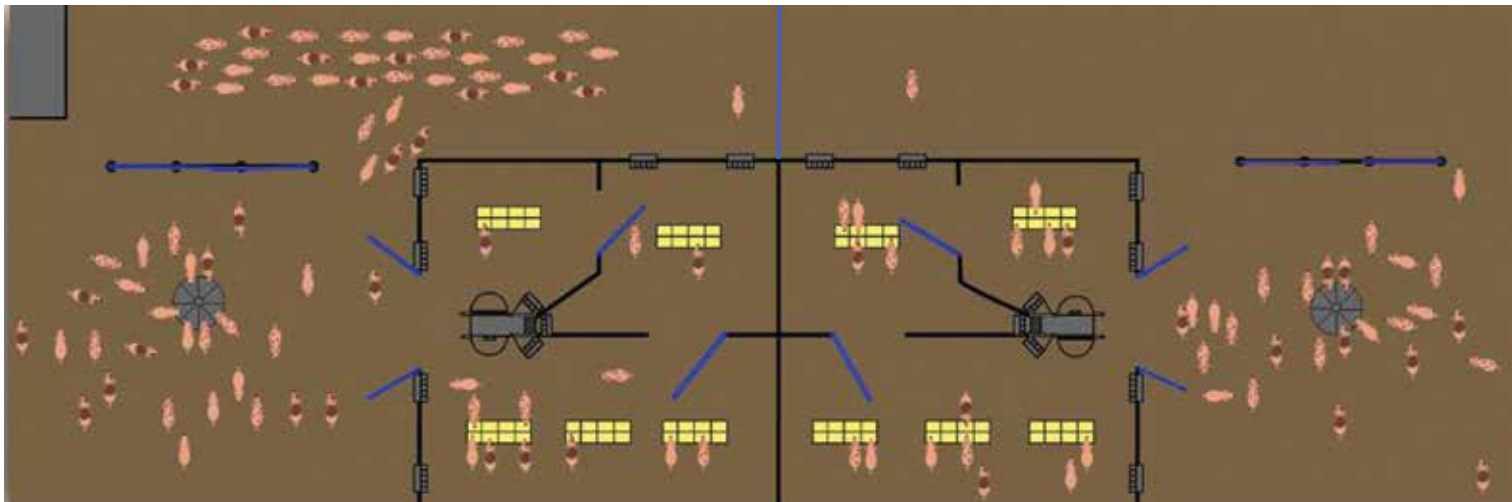
Manage your barns from your PC or smartphone using the PS-4.0's built-in standalone capable user interface.



Food Court Training Protocol

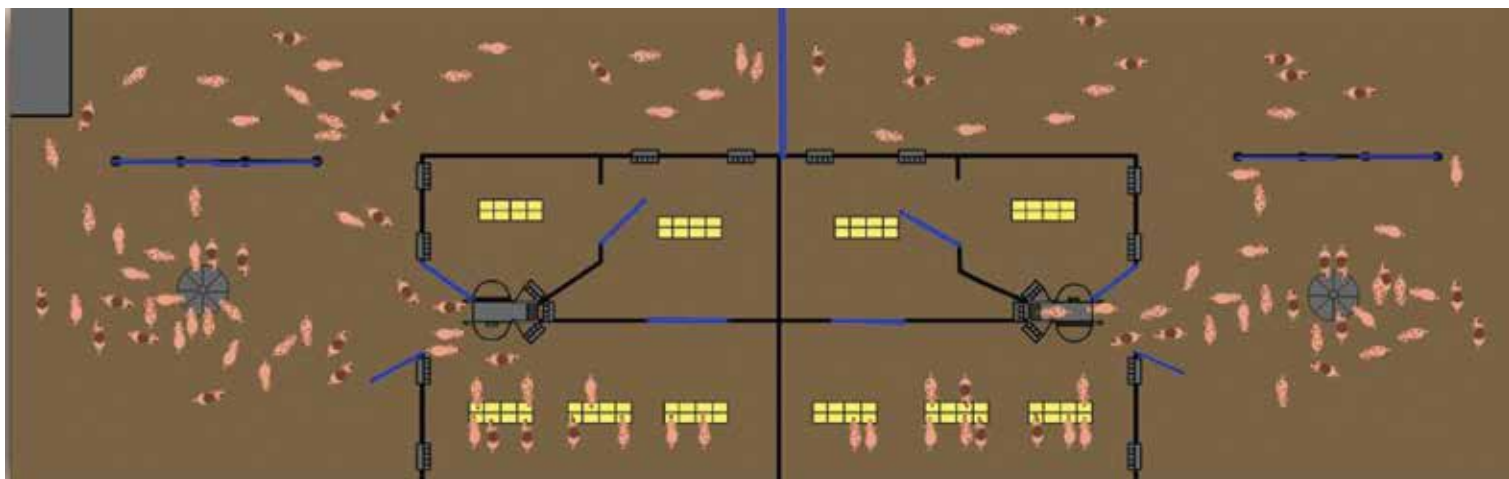
On day 1, when the young pigs first arrive, the system is set to training mode. In training mode, gates and sorters are left open and the sorter automatically switches to a different pen every 20 minutes. This step will last between 7 and 12 days.

Step
1



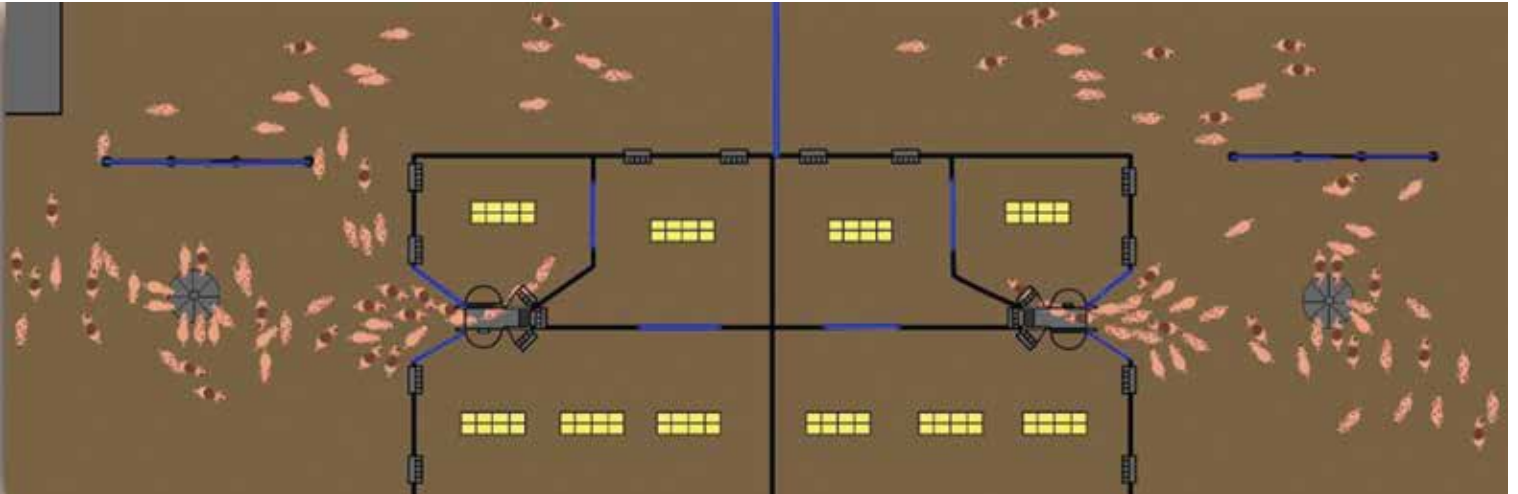
Week 2, gates into the heavy and light feeding areas will be closed, only allowing pigs to access these areas through the sorter. Sorter and one-way gates are left open. This will let pigs get familiar with the sorter while still having the option to enter the medium feeding area without going through the sorter.

Step
2



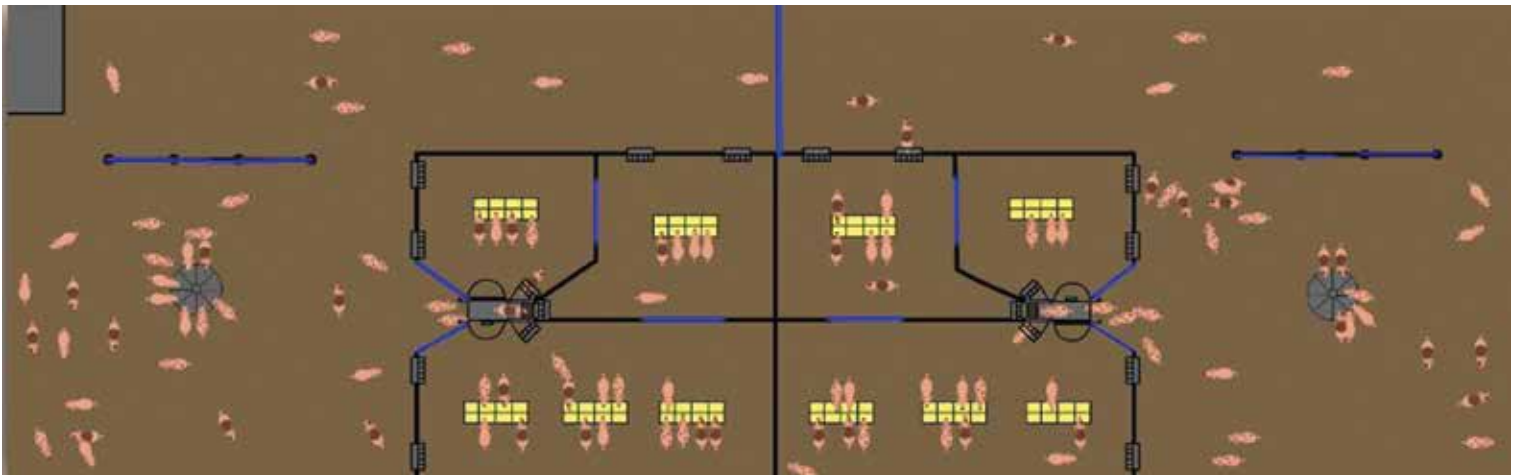
Step 3

Week three, the remaining open gates will be closed and the sorter left in training mode. Now the pigs will only be able to access the feeding areas by going through the sorter. The sorter will continue to cycle between the three feeding areas, randomly assigning pigs to different pens.

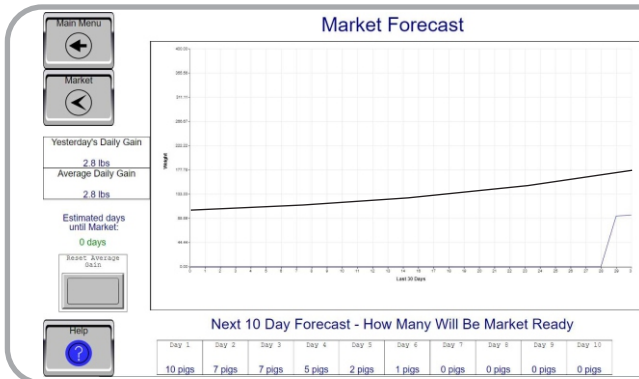


Step 4

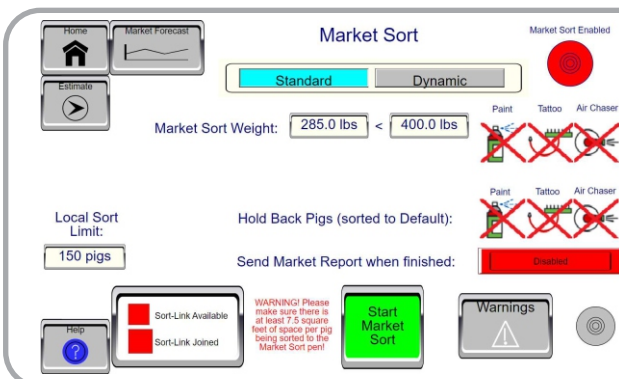
Week four, the sorter can now be put into autosort mode. In autosort, pigs are separated based on their weight and directed to a feed ration that will meet its individual needs. Light pigs are given a higher protein ration and heavy pigs a lower protein. This ensures maximum feeding efficiency and allows pigs to be marketed with a very consistent weight.



Market Sorting

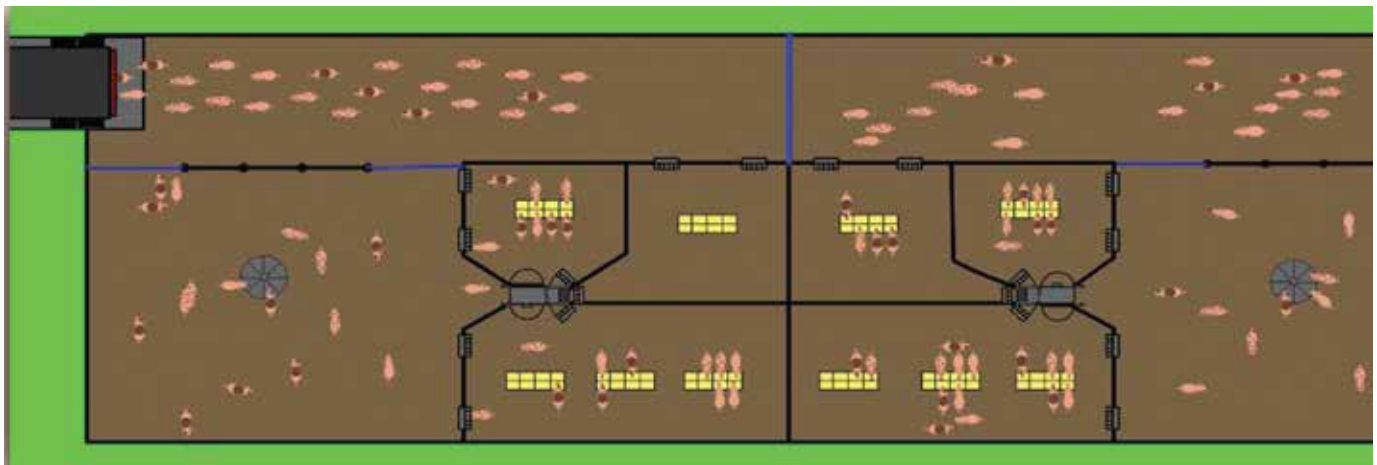


When collected data from the sorter control indicates that a load of pigs is almost market ready, it's time to set the sorter to market sort mode.



With market sort settings, all parameters for sorting hogs can be clearly identified. Market ready pigs will begin being separated from the rest of the herd, ready for loadout. This step can be completed in as little as 12 hours.

During market sorting, pigs within the specified weight window will be directed to a loadout pen while the rest continue to circulate through the system. The structure of the food court system allows for two loads of pigs to be separated at a time.





Roller gates, low profile floor, and anti-lay down bar work together to give ProSort the highest flow through rate available.



Tough nylon slides and bearings provide years of trouble free operation.



Monitor and manage all of your sorters from your PC or smartphone with PS-4.0 technology.



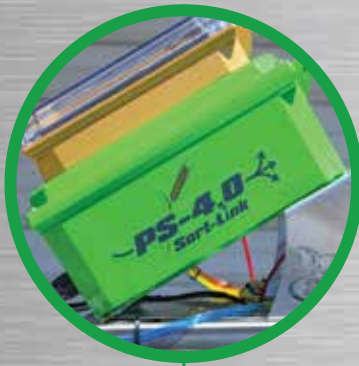
Most pig-friendly and effective one-way gate on the market. Keeps the pigs moving in the right direction.

The ProSort Advantage

Huge Labor Savings
Reliable Market Weights
Better Feed Utilization
Increased Feed Conversion



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PS-4.0 Sort-Link Controller