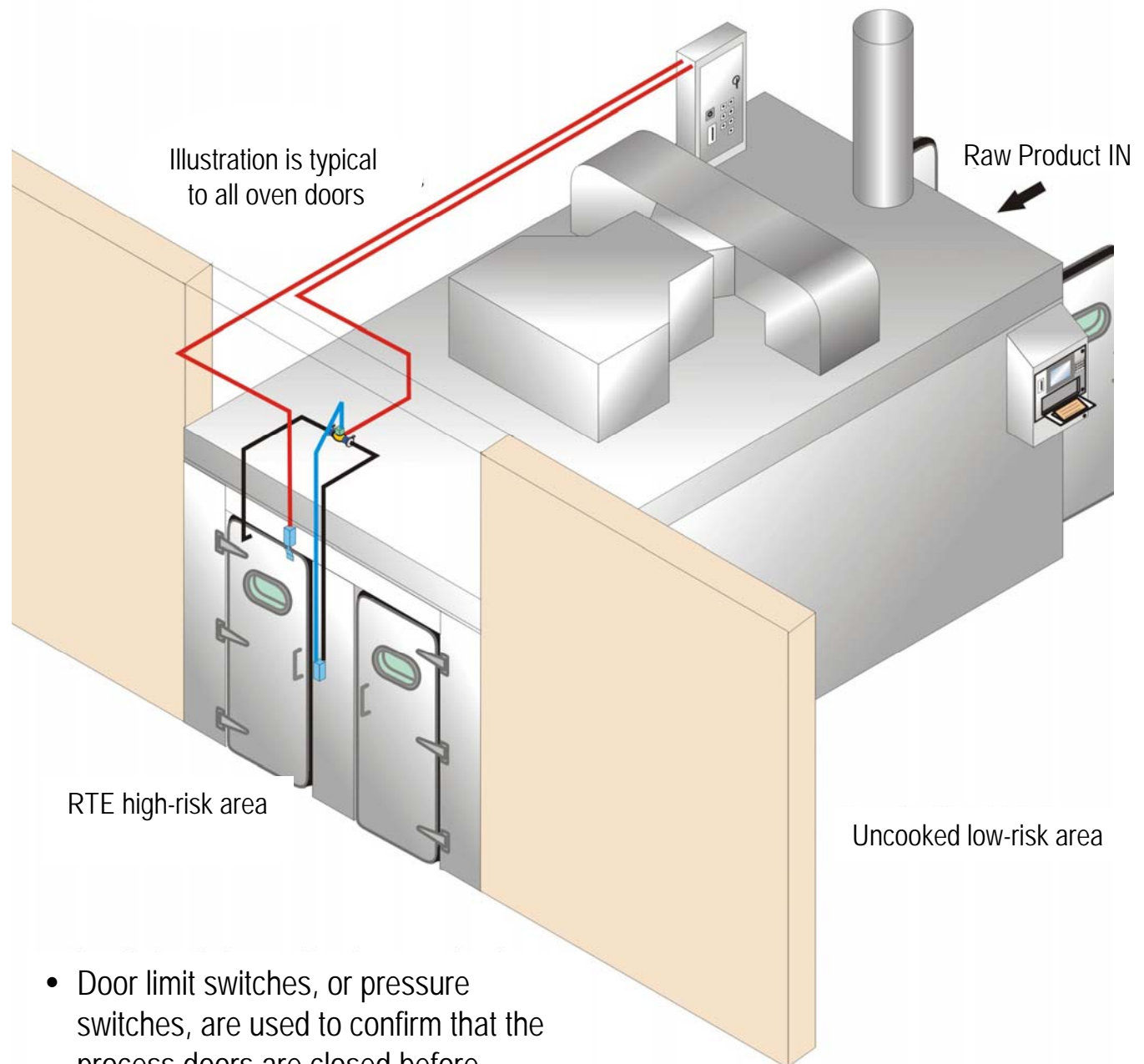


# Door Interlock System

## FOOD SAFETY SOLUTION

- Prevents airflow or access between Kitchen and Ready-to-Eat areas



- Door limit switches, or pressure switches, are used to confirm that the process doors are closed before allowing others to be opened.
- Can be installed on new ovens, or retrofitted on existing equipment.

# Door Interlock System

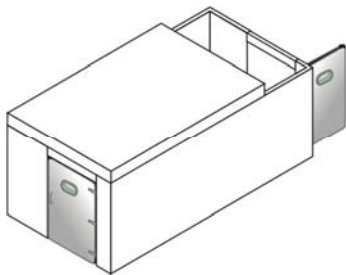
## FOOD SAFETY ADVANTAGE

A thermal processing oven represents an important Critical Control Point, and is an excellent opportunity to separate the facility's operation—Raw from Ready to Eat (RTE). This barrier between "low risk" and "high risk" zones in a plant is created by using the smokehouse as the "gateway" to pass through product between zones, as it completes the cooking cycle. First, the doors are open on the raw side, and uncooked product is loaded into the oven. Then, after the product undergoes a cooking process, the doors on the unload side are opened, and the product exits into the RTE area of the plant. No access is allowed from one side of the plant to the other, except for controlled personal hygiene stations.

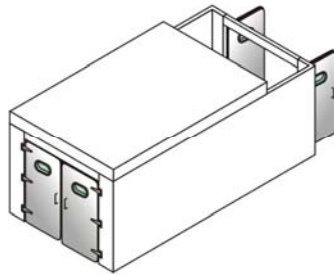
The "pass-through" design of an oven provides an excellent operational control, only if both sets of doors are interlocked to prevent opening at the same time.

If both ends of the oven are allowed to open at the same time, then the smokehouse could allow uncontrolled air movement, product, and/or personnel to pass from the Raw to the RTE zone of the plant.

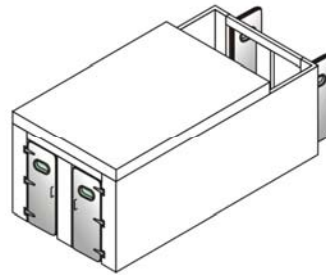
For this reason, the ALKAR Door Interlock System is designed to control both sets of doors to indicate to the operators when it is safe to open their side of the oven.



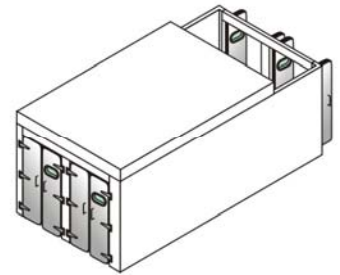
Single-Leaf Doors



Double-Leaf Doors



Two Single-Leaf Doors  
with Center Post



Two Double-Leaf Doors  
with Center Posts

## ALSO AVAILABLE – NEW REPLACEMENT DOORS OR PARTS ONLY



New Door Replacement



Stainless-Steel Inside  
Handle and Latch



Sanitary Design  
Door Hinges



Stainless-Steel,  
Easy-Open Outside Handle



Sanitary Design  
Door Hinges