

VTI of Texas

Trevor Hagerty
Continuous Improvement Manager



History

- ❑ Founded by Roger Clausen in 1956
- ❑ Started in a garage fabricating countertops
- ❑ Doors and cabinets were added
- ❑ Stone manufacturing was added
- ❑ Today we have almost completely automated production lines



Products

❑ Doors



❑ Laminate Countertops



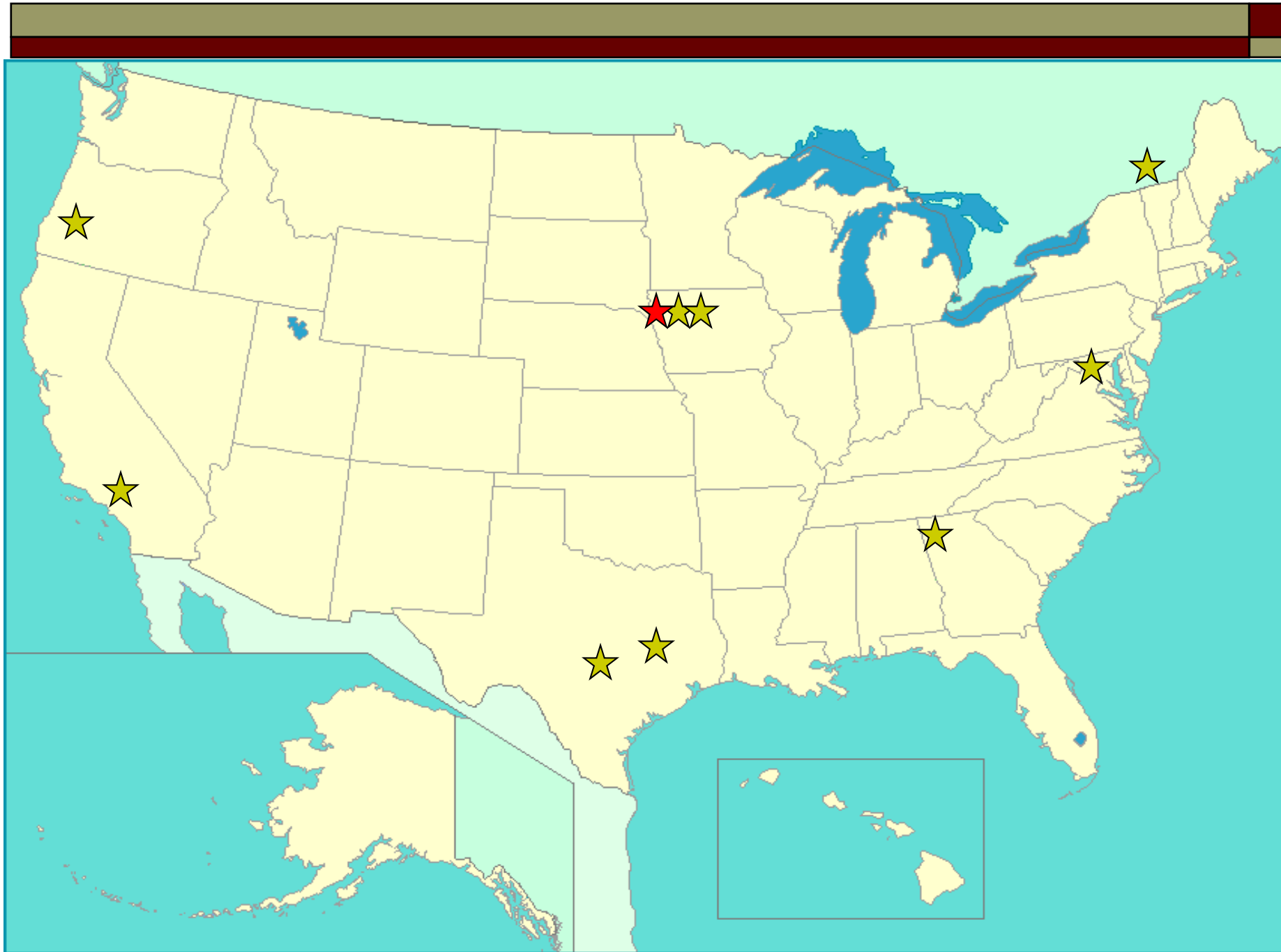
❑ Stone Countertops





PLANT LOCATIONS

- HOLSTEIN, IOWA
Corporate Headquarters
Architectural Wood Doors
- SAN ANTONIO, TEXAS
Architectural Wood Doors
- BRYAN, TEXAS
Laminate Countertops
Stone Countertops
- LA MIRADA, CALIFORNIA
Laminate Countertops
Stone Countertops
- MONTREAL, CANADA
Laminate Countertops
Cabinet Doors
- ROME, GEORGIA
Laminate Countertops
Stone Countertops
- ROSEBURG, OREGON
Laminate Countertops
Stone Countertops
- SAC CITY, IOWA
Laminate Countertops
Stone Countertops
- HAGERSTOWN, MARYLAND
Laminate Countertops
- CLARKSVILLE, IOWA
Fire Core





Problem

- ❑ 27 different board types to inventory.
- ❑ Varying storage capacities, lead times, and shipment quantities.
- ❑ Need to determine a safety stock, reorder point, and reorder quantity.
- ❑ Maximize trucks for each order.
- ❑ We need these quantities to update automatically based on usage.