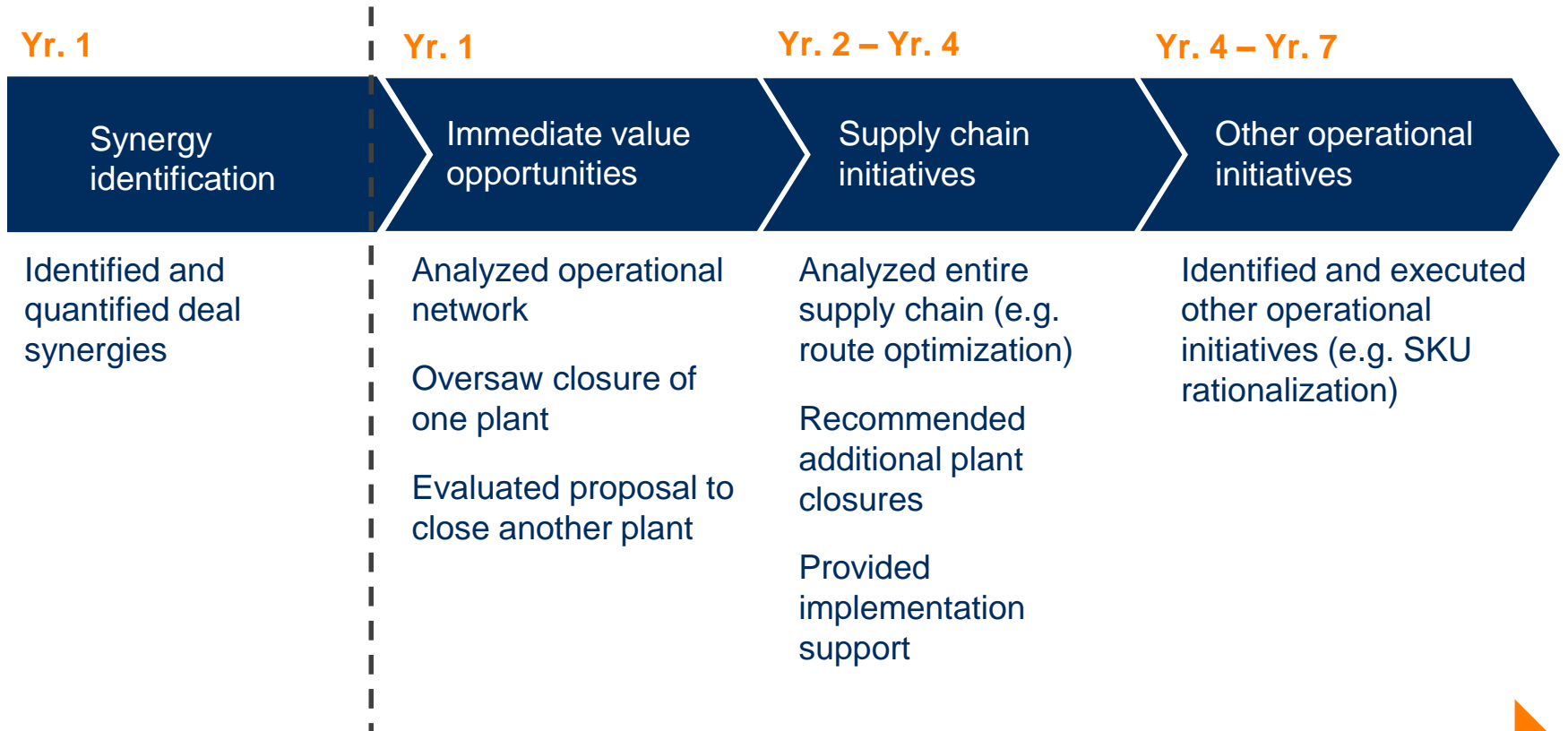


CASE STUDY

Network optimization

We provided a wide range of operations and implementation support over many years

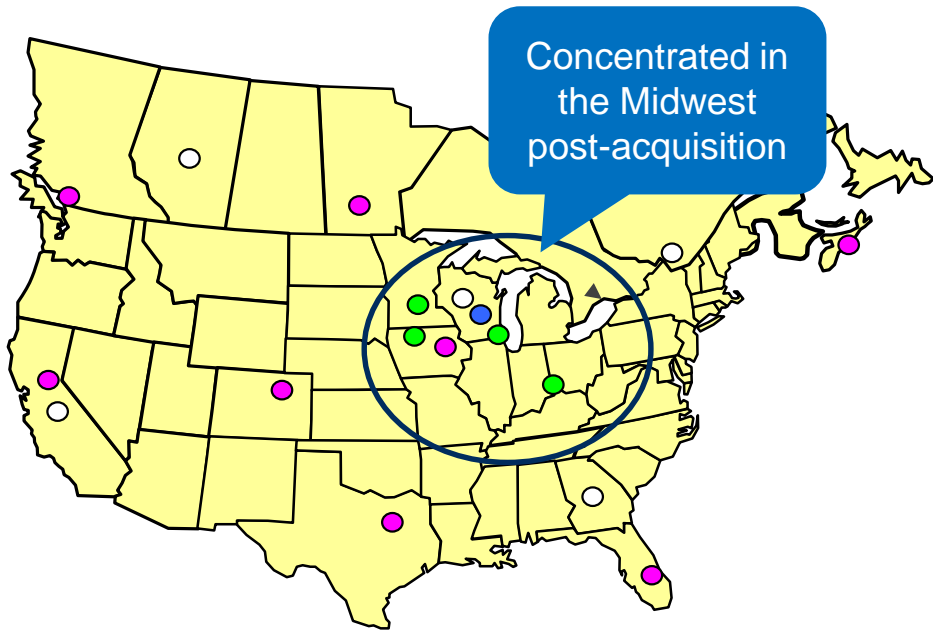
Merger



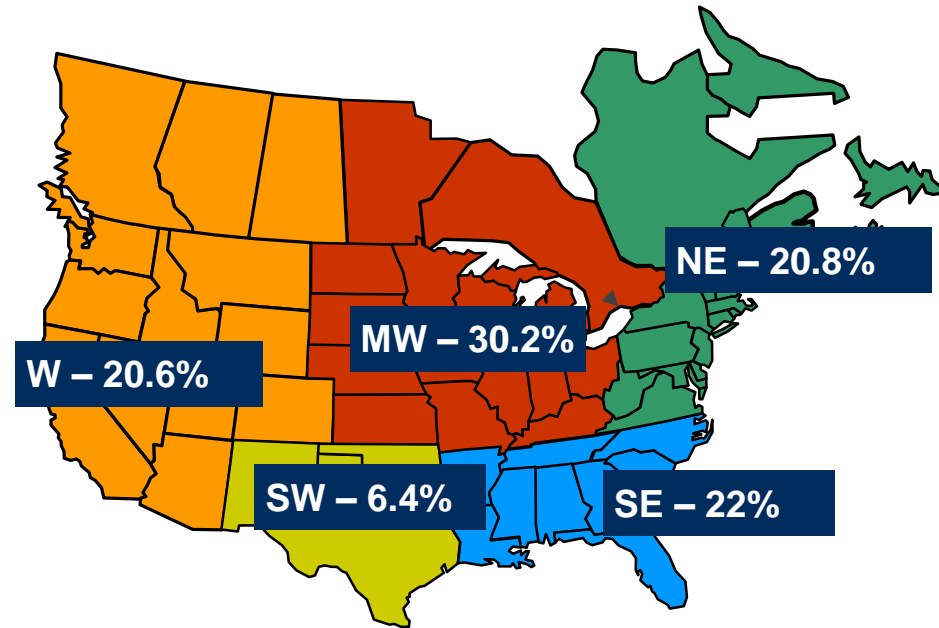
Remained engaged as a trusted advisor to leaders

We evaluated our client's existing operational footprint

Company network

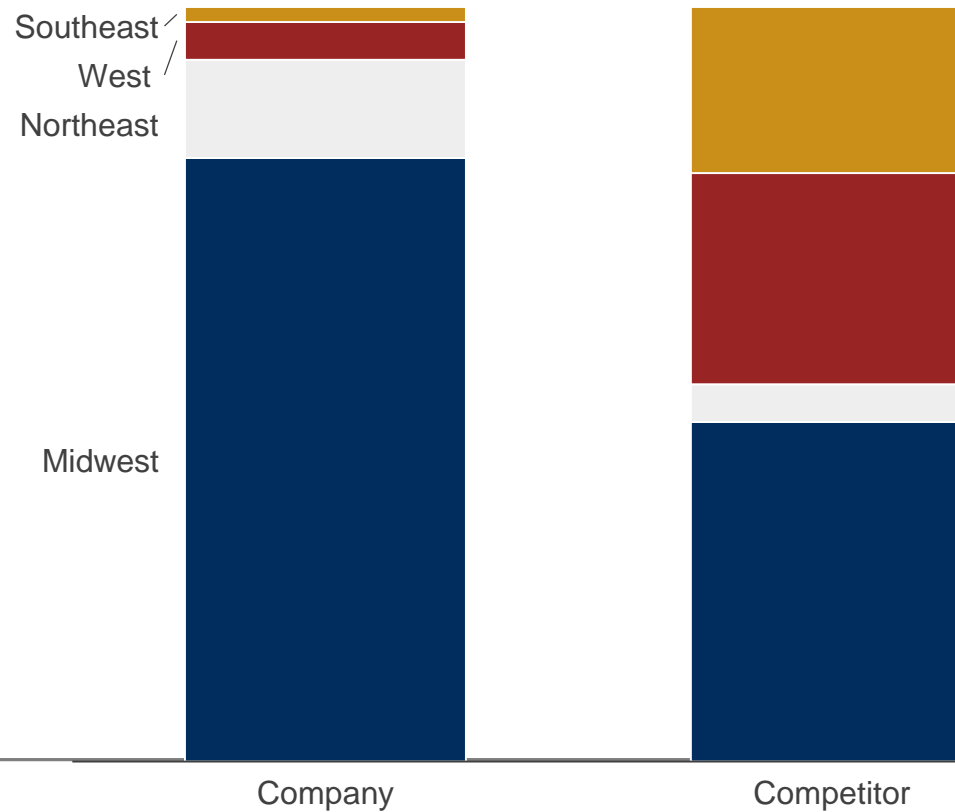


Customer demand



We benchmarked our client's operational footprint vs. competitors

Production by region
% OF PRODUCTION BY GEOGRAPHY

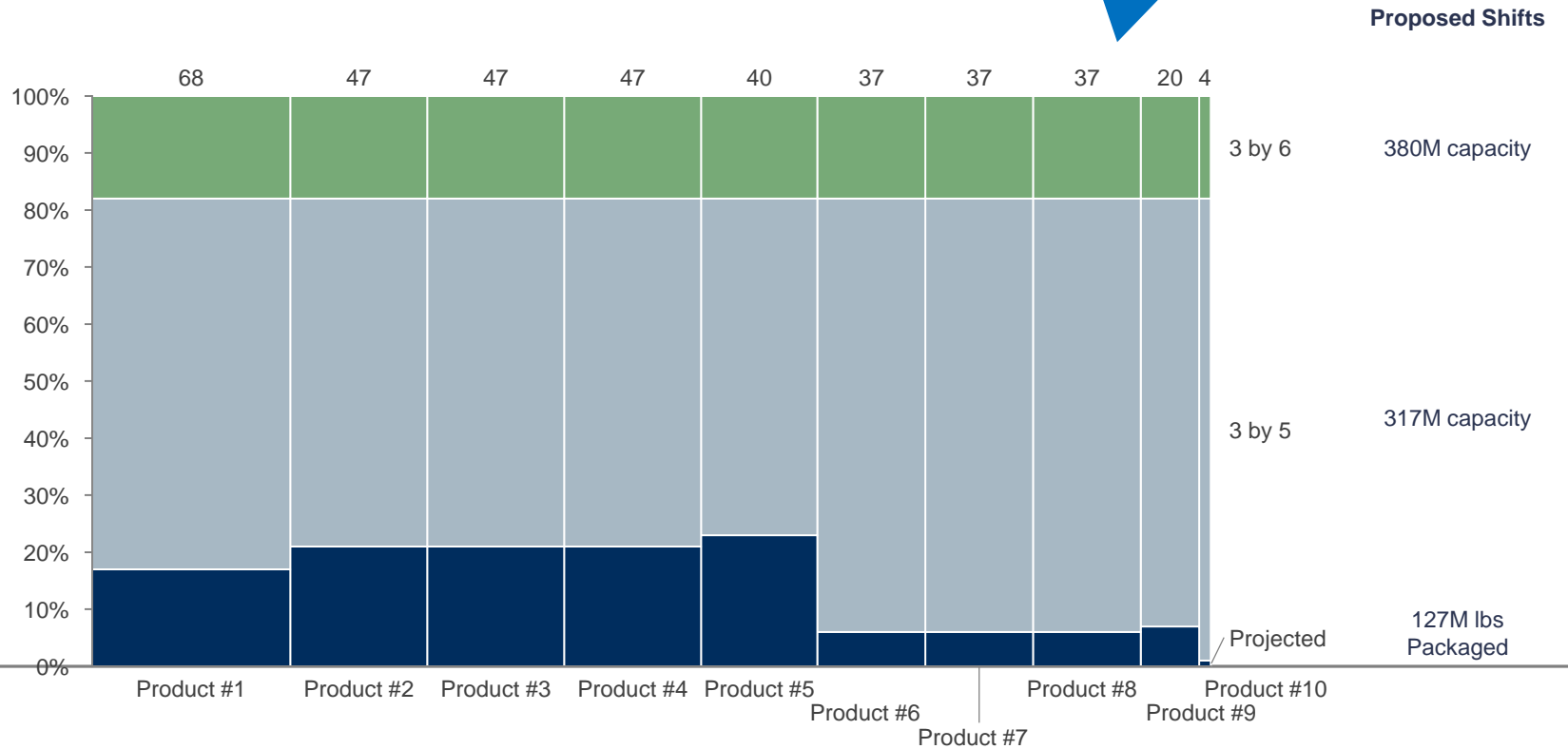


We modelled production scenarios with different network configurations

Plant C capacity utilization after Plant A closure

PRODUCTION IN MILLIONS OF POUNDS

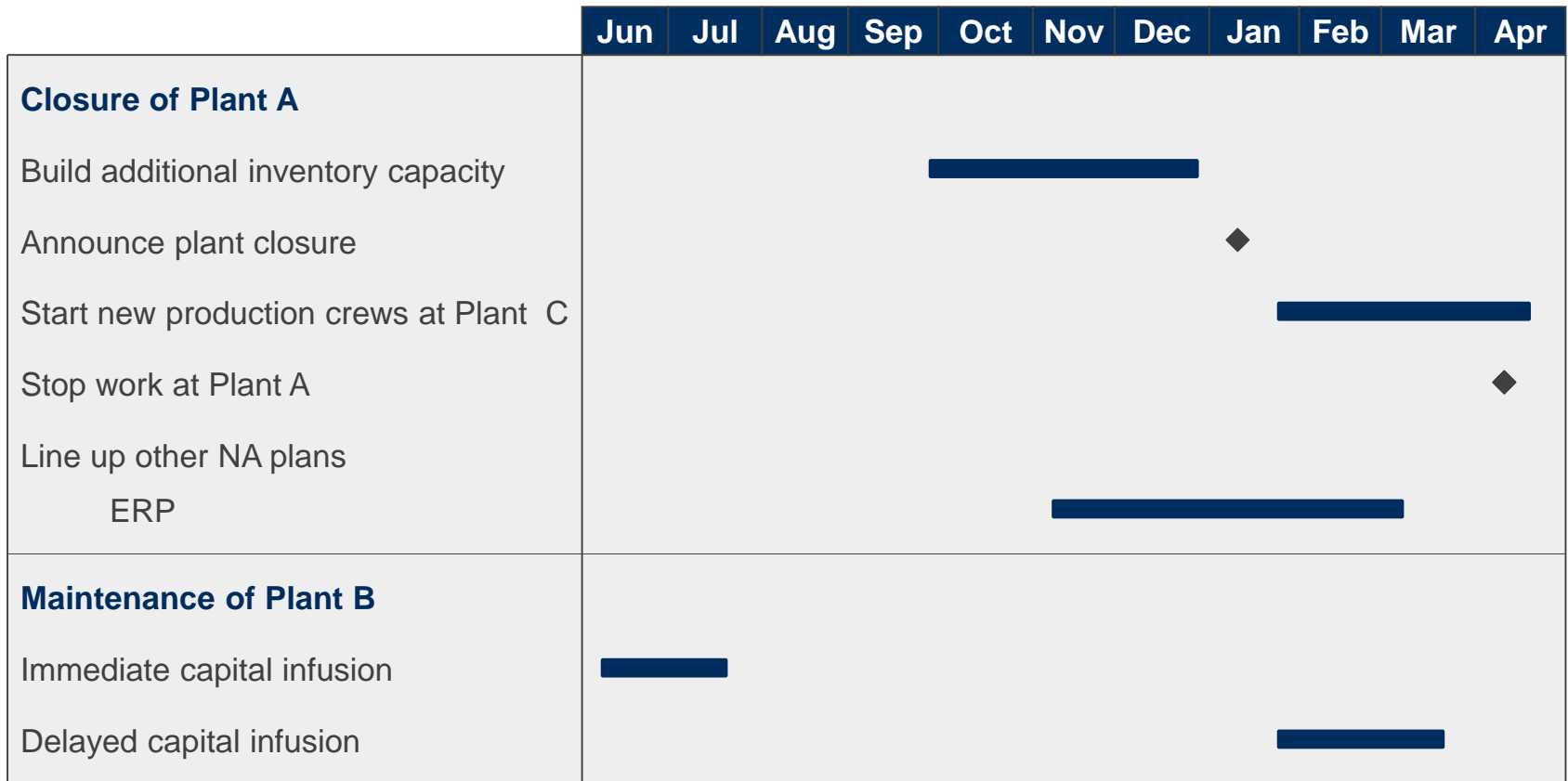
Both capacity and compatibility of product lines had to be assessed



We quantified financial benefits of plant closures

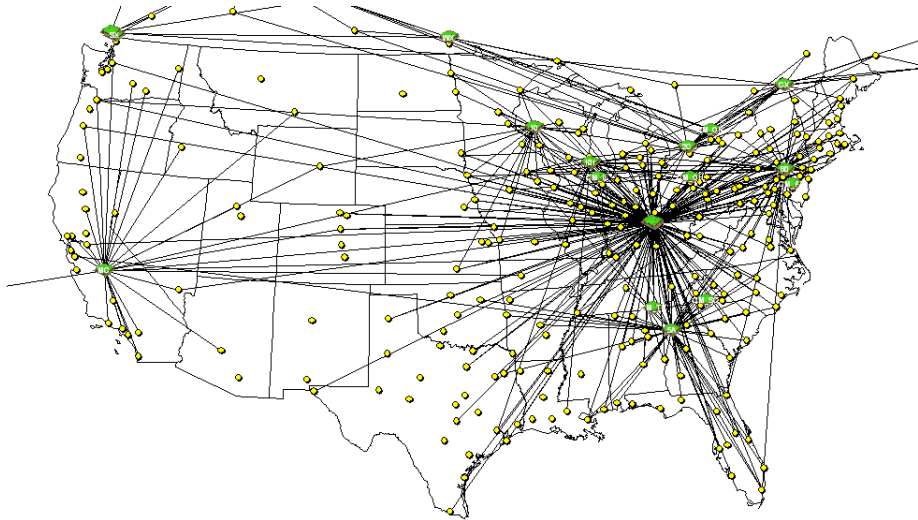
BASE CASE	Plant A	Plant B	Plant C	Plant D
Annual Savings			2,418,595	
Total CapEx			2,415,821	
Total One-Times			6,345,234	
5 Year NPV	2,403,471	3,435,615	6,295,281	5,131,749
5 Year IRR			55.0%	
5 Year IRR (2)			40.1%	
Annual Savings Summary				
Direct Labor			2,289,358	
Indirect Labor			1,256,790	
Overhead			1,272,957	
Contract Mfg Fees			(1,288,006)	
Logistics			(300,000)	
Contingency/Other			(812,504)	
Total	2,636,874	1,894,802	2,418,595	3,061,407

We helped plan and execute plant closures



We developed a delivery model that improved efficiency

Current Bulk Delivery Model



Logistic Tool Proposed Model

