Quick Supply Network Stencil

Quick Supply Network is one of eVSM’s Quick Stencils and is a specialized supply network stencil designed to visualize and play “what-if” games to help improve the cost and lead time aspects of the network. It is designed for broad usage and with minimal training.

Benefits:
- Easily visualize, communicate and discuss the supply network for a product family and geographic region.
- Input time/cost data for each leg of the network and automatically generate lead time and cost charts.
- Do “what-if” studies with alternate routes for cost and time improvements or to reduce risk.
- Overlay maps onto geographic detail from any source and perhaps including mapping of adverse events like earthquakes or tornadoes.

The technical concepts addressed by the Quick Supply Network stencil are shown below.

Benefits:
- Easily visualize, communicate and discuss the supply network for a product family and geographic region.
- Input time/cost data for each leg of the network and automatically generate lead time and cost charts.
- Do “what-if” studies with alternate routes for cost and time improvements or to reduce risk.
- Overlay maps onto geographic detail from any source and perhaps including mapping of adverse events like earthquakes or tornadoes.
Quantity Convertors
Understand supplier parts and assembly quantities

Cash River
See the costs per period from different sources building to the delivered cost

Demand Management
Map impact of demand of sub-components and final products on value stream

BFG Innovation Supply Chain Design

Alternate Supplier
Map alternate supplier strategies

Utilization
What-if studies to see what suppliers may become bottlenecks

Lead time chart can be filtered by path numbers

Path Naming

Lead Times
Understand lead times and responsiveness

Quick Supply Network Example Map