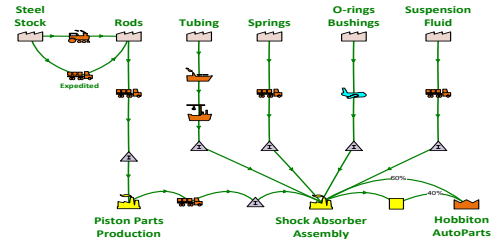


eVSM Mix Supply Network



Mix Supply Network is part of the **eVSM Mix** edition and is a specialized supply network stencil designed to visualize and perform “what-if” investigations to help improve the cost and lead time aspects of the MIX supply network.



Easy

Applications built on the MIX engine remove the 'averaging' of products, demand, activity times, and routing that make many mixed model maps difficult to create and of limited value. The benefits of the MIX engine can be summarized as:

Speed

- Less work to create the Supply Network and update it
- Avoid creating separate Supply Network's for product variants
- Avoid creating separate Supply Networks for regional destinations

Comprehension

- Make it easy to SEE Supply Network overall
- SEE the individual product lead times, routings, landed costs

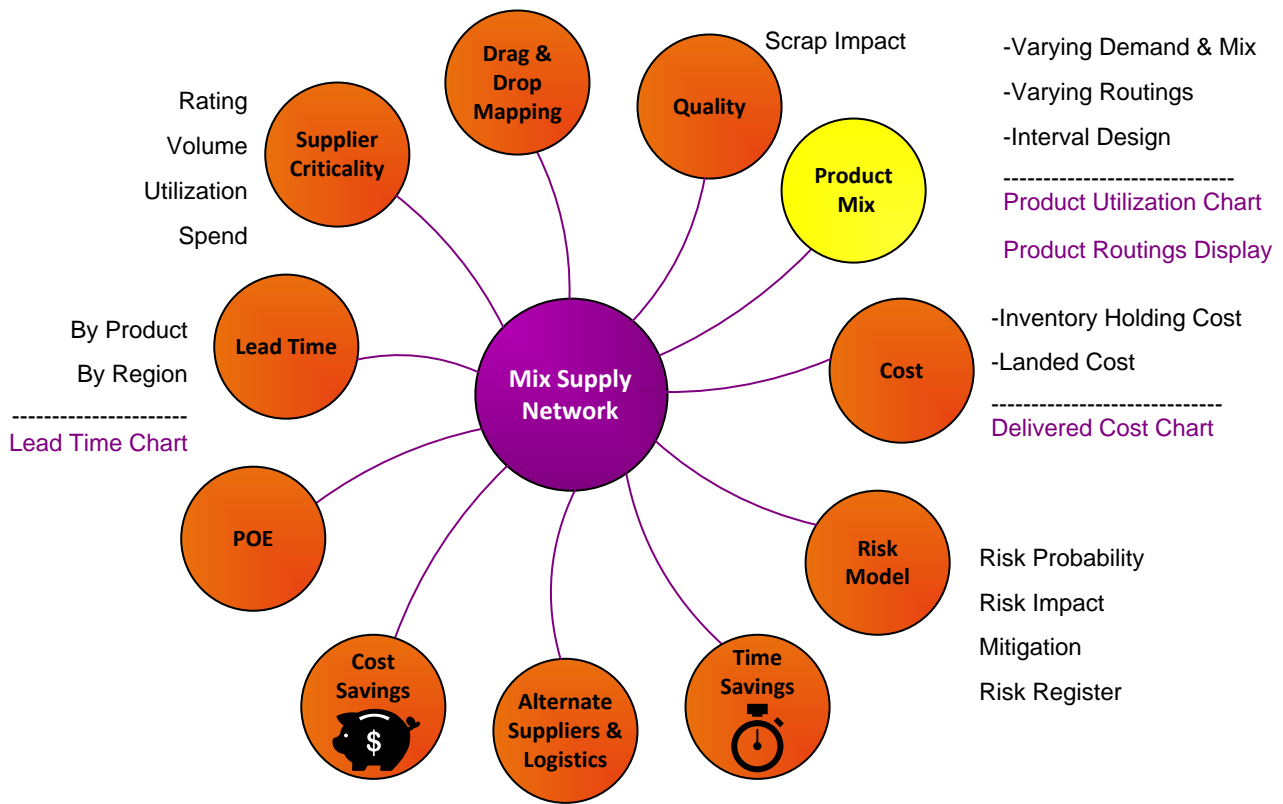
Insight

- Visualize the key metrics
- Choose the best improvements

Fast

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

Focused



Risk

Manage and view the risk in the supply network

DATE	4/15/2020
FILENAME	HobbitonSN.vsd
REVISION	4/27/2020
Title	
Hobbiton Auto Parts Supply Network	
Supply Network for Shock Absorbers	

Data Visibility

Use hide/show to simplify the map but support the necessary analytics

Multiple Routes

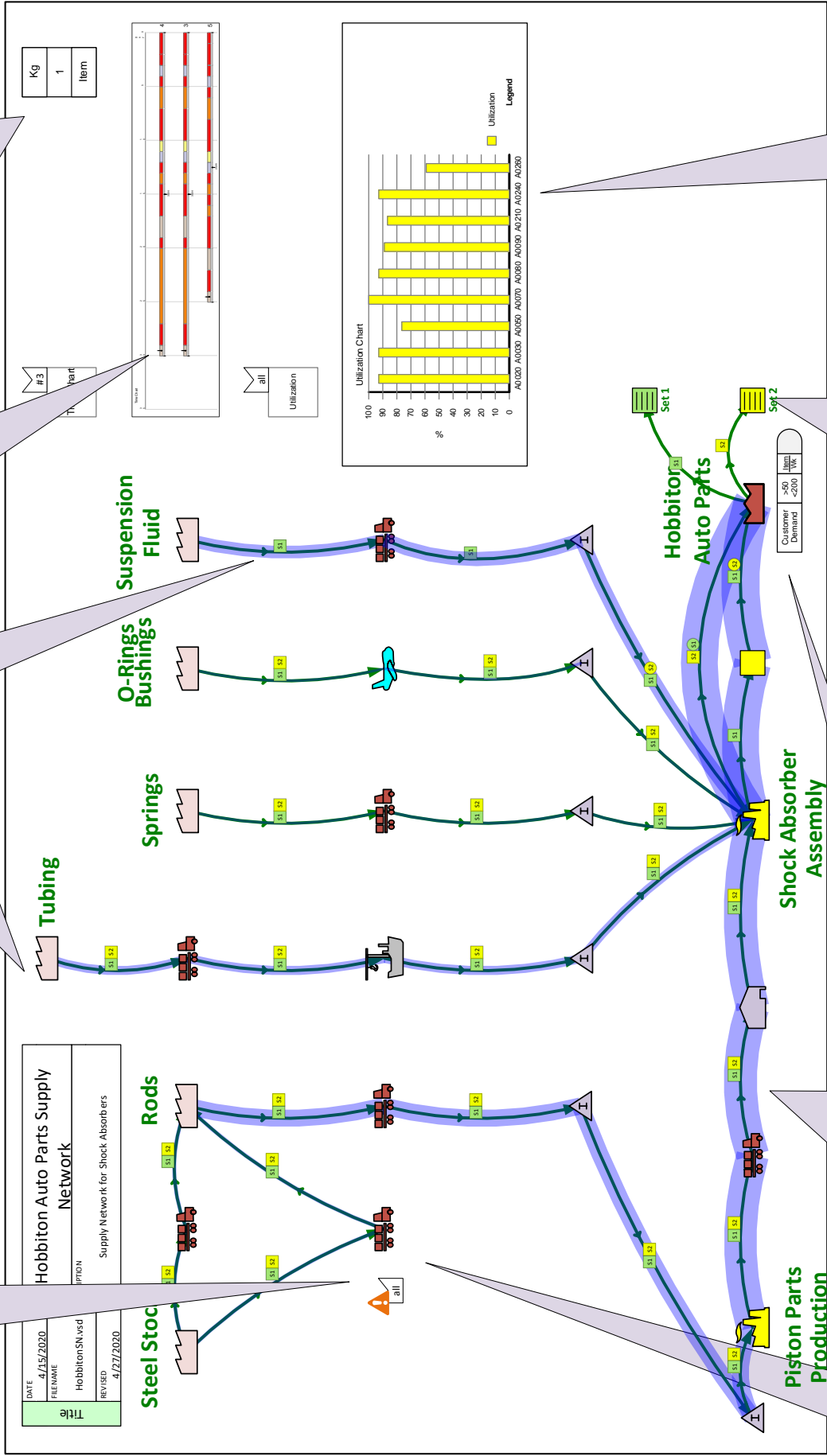
Map multiple routes for multiple products

Lead Times

Understand lead times and responsiveness

Quantity Convertors

Understand supplier parts and assembly quantities



Map alternate supplier strategies

Alternate Supplier

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

Cash River

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

Demand Management

Map multiple products and routes on the same model

Multiple Products

What-if studies to see what suppliers may become bottlenecks

Utilization