

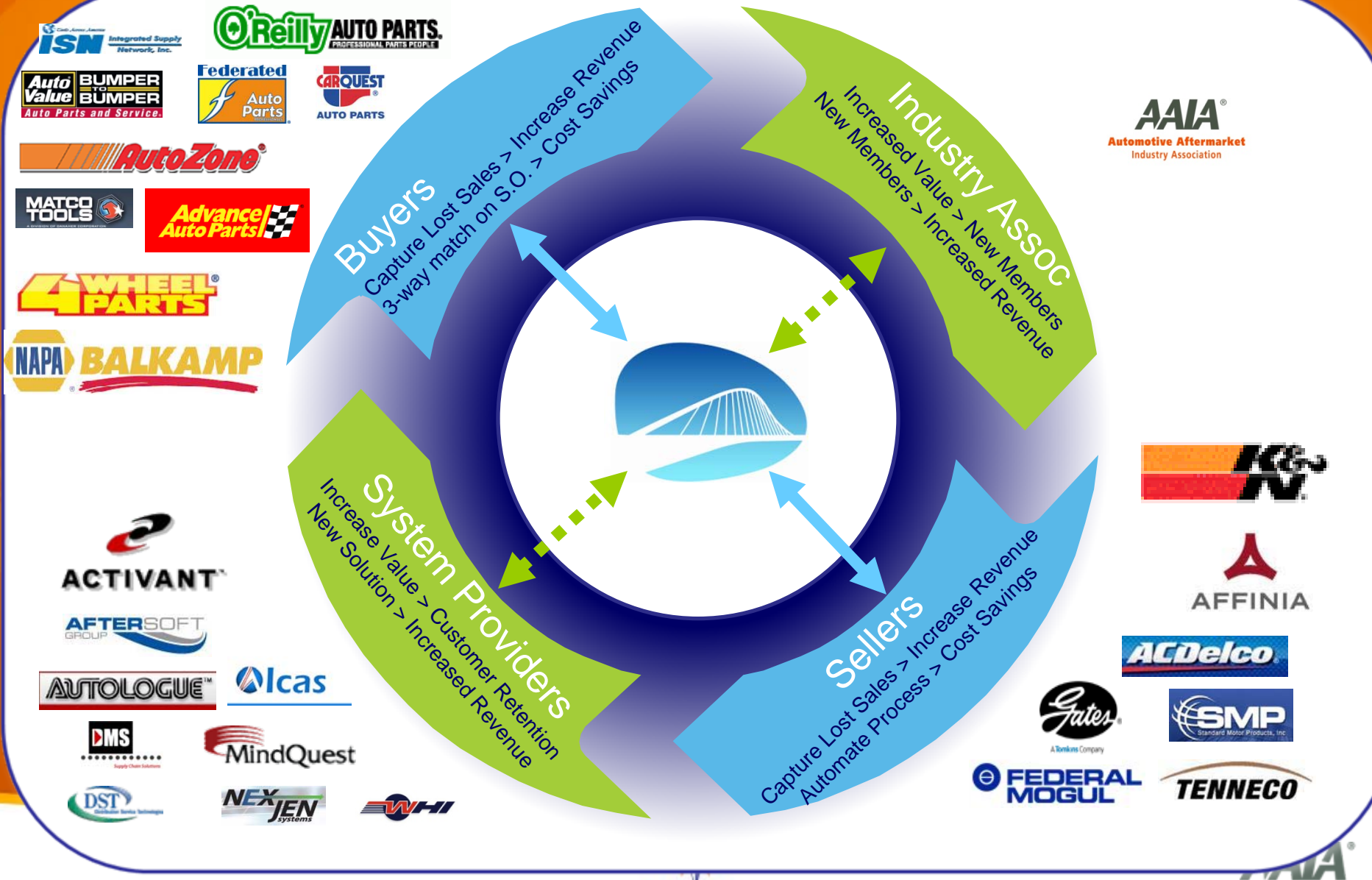
# AAIA EDI Super Spec

03-30-2010



**AAIA**<sup>®</sup>

# Stakeholders in EDI Super Spec



# The 1:1 Custom model

- Before Super Spec: the 1-to-1 Model
  - Each Trading Partner has a unique spec
  - Each connection = new set of data elements.
  - Each connection = separate/unique business rules
  - Each connection = sunk cost rather than leveraged investment
  - Numerous connections can create a large mapping libraries = more sunk cost



# One – One Spec Model

Vendors create UNIQUE maps for each customer. Some large vendors create more UNIQUENESS of their own



# Why create a Super Spec?

- Opportunity to leverage code and consolidate mapping libraries
- Code re-use
- Ensures for more accurate and timely QA testing
- Speed to on board connections:
  - 40:1 increases have been reported



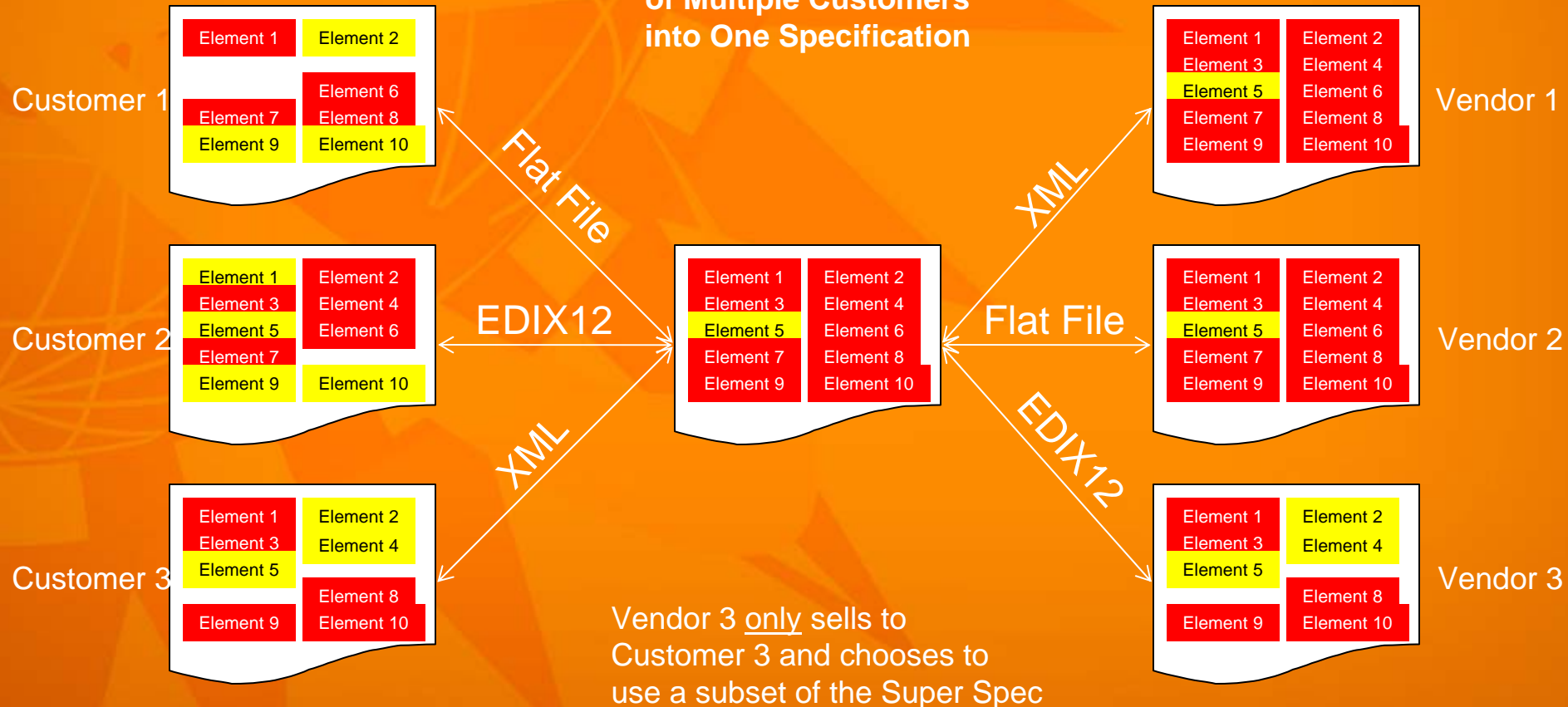
# AAIA EDI Super Spec

## Super Spec

Combines the Needs of Multiple Customers into One Specification

### Buyers

### Sellers



Required Element  
Optional Element



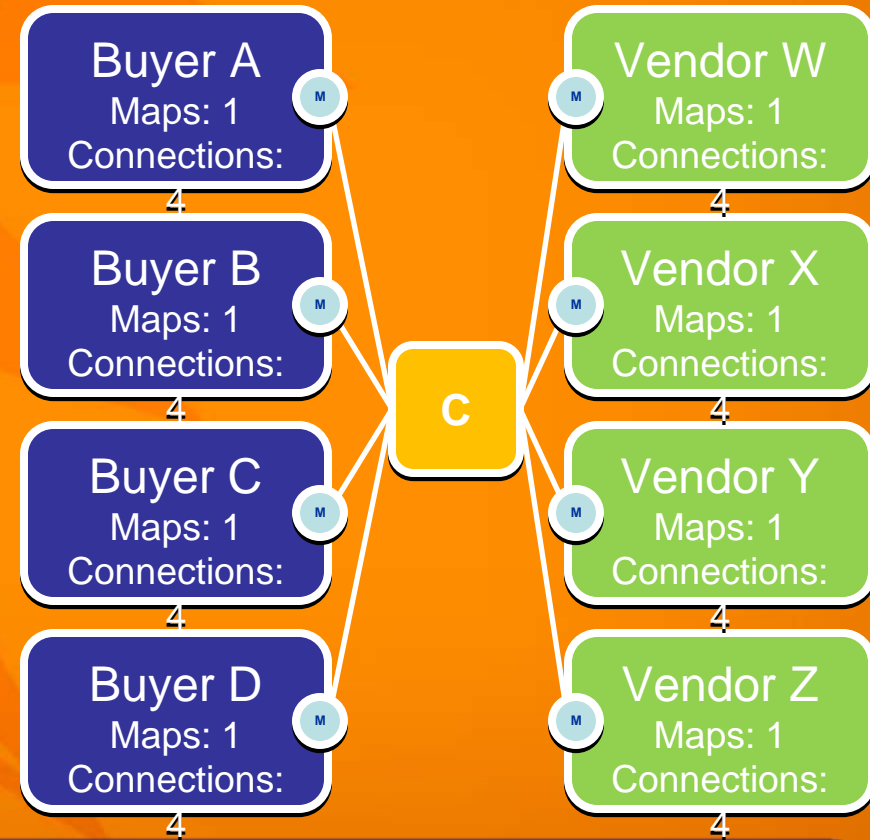
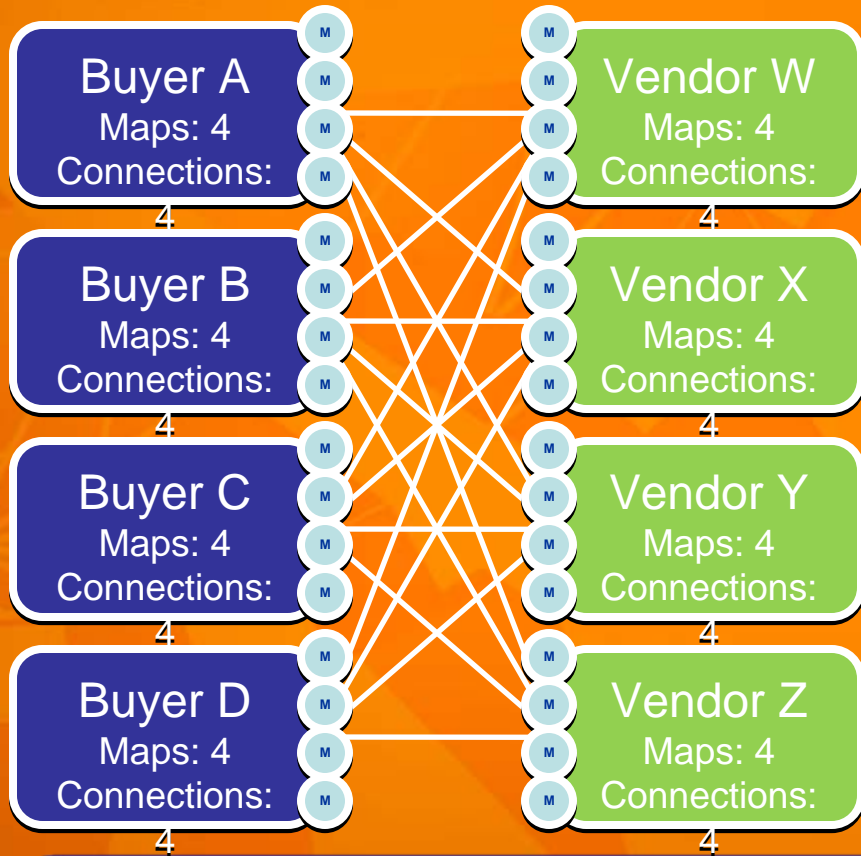
# Super spec mapping efficiencies

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- Maps allow for multiple trading partner connection scenarios
- Fewer maps provide speed and reliability
- Vendors save time and money
- Future scale is ensured
- Reduced QA testing cycles



# 1:1 versus Super Spec mapping



**Traditional Model**  
 Total Maps: 32 Total Connections: 32

**Super Spec Canonical Model**  
 Total Maps: 8 Total Connections: 32

 = Partner Map

 = Canonical System

# Consolidated Super Spec.

Data	Segment	Element Name	Various Specs	Super Spec
Invoice Number	REF	Reference Identification Qualifier	IV	IV
			IK	
Buyer Part Number	PO1	Product/Service ID Qualifier	SK	BP
			IN	
			CB	
			PI	
Vendor Part Number	PO1	Product/Service ID Qualifier	VC	VP
			MG	
			VN	
Party Identifier – bill to	N1	Entity Identifier Code	BL	BT
			BT	
Party Identifier - vendor	N1	Entity Identifier Code	SE	VN
			VN	
			SF	

The chart illustrates a few examples of consolidated terms

Buyer Part (BP) = SK/IN/CB/PI  
 Vendor Part (VP) = VC/MG/VN  
 Party ID Vendor (N1) = SE/VN/SF

# Super Spec + Cononical Mapping

## Vendor Savings

### Vendor 1 Example

Customer	1	2	3	4	5	53	54	55
One to One Map	40 hrs	40 hrs	40 hrs	40 hrs	40 hrs	40 hrs	40 hrs	40 hrs
Super Spec +	40 hrs	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr
<b>Time Savings</b>	<b>0 hrs</b>	<b>39 hrs</b>	<b>78 hrs</b>	<b>117 hrs</b>	<b>156 hrs</b>	<b>2,028 hrs</b>	<b>2,067 hrs</b>	<b>2,106 hrs</b>

### Vendor 2 Example

Customer	1	2	3	4	5	53	54	55
One to One Map	\$7,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Super Spec +	\$7,000	\$200	\$200	\$200	\$200	\$200	\$200	\$200
<b>Cost Savings</b>	<b>\$0</b>	<b>\$1,800</b>	<b>\$3,600</b>	<b>\$5,400</b>	<b>\$7,200</b>	<b>\$93,600</b>	<b>\$95,400</b>	<b>\$97,200</b>



# Summary

- The Super Spec paves the way for a more robust EDI enabled supply chain
- Future document on boarding and enablement occurs with minimal effort
- Buyers – Sellers save money

