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Test Scenarios

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Tom Vierling (<https://autocare.communifire.com/people/tvierling>)



8/22/2019

As I started gathering test scenarios for the project, I wondered if we be preferable to condense into the Autocare defined models:

- Supplier --> Receiver
- Supplier --> Service Provider
- Service Provider --> Receiver

Is it beneficial to be more granular or can we fit most or all exchanges into one of these three categories?



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Krister Kittelson (<https://autocare.communifire.com/people/krister-kittelson>)



8/23/2019

I admit I don't know the Autocare defined models well -- do you have a link I can read up on to make sure I think the same way?





Tom Vierling (<https://autocare.communifire.com/people/tvierling>)

8/28/2019



I'm not sure they're defined in a technical spec anywhere, but they're referred to (vaguely) in the links below. My thinking was that if we reused language already present in AutoCare documents and used broad categories for our documentation, we could more easily define for any industry and still leverage terms familiar to automotive aftermarket.

- <https://digital.autocare.org/pies7.1/> (<https://digital.autocare.org/pies7.1/>) - Section - Introduction to PIES
- https://youtu.be/8dcwR3V-_B4 (https://youtu.be/8dcwR3V-_B4) - Who Uses ACES and PIES - Technology Minute Video

Here are other scenarios I thought about, but think could be rolled up into a larger category:

- Manufacturer --> Retail
- Manufacturer --> Distributor
- Manufacturer --> Retail
- Manufacturer --> Aggregator
- Aggregator --> Receiver
- Vendor --> Manufacturer
- Manufacturer --> Service Provider
- Service Provider --> Receiver
- Internal usage
 - ERP <--> PIM <--> eComm



Like



Krister Kittelson (<https://autocare.communifire.com/people/krister-kittelson>)

9/3/2019



I like the point that if we can use the common industry language, and connect it to the technical language, we'll be able to reach people and help them understand.

Perhaps the first thing to do is define the terms for ourselves? I'll take a crack at it.. here are the terms as I have defined them informally. Note the distinction between manufacturer and supplier, and that I've used supplier instead of vendor (to avoid "software vendor" confusion):

- Supplier: Sources materials and produces components for sale to manufacturers. Example: Steel stamper
- Manufacturer: Produces finished goods for sale. Example: Aftermarket exhaust
- Distributor: Buys products and sells them to a wider network of retailers and other distributors. Example: Warehousing & logistics parts provider
- Retail Network: Provides data aggregation and stocking services to a group of member stores -- often but not always under the same brand.
- Retailer: A business that has one or more retail locations to sell products to the public, often including custom product information integration, though not usually at the same scale of aggregation as a retail network
- Retail Location: An actual store that sells products to the public, either in person or online. Example: Brick and mortar store
- Data Aggregator: Collates and integrates product data from multiple sources for use in buying, selling, and distributing. Example: Parts warehousing solution
- Data Exchange: Facilitates transfer and storage of raw data without much integration. Example: Subscription-based product line delivery feeds

I know I'm missing service provider and internal usage -- I'm running out of time to get to a meeting. How do these terms look so far?

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Answer



Krister Kittelson (<https://autocare.communifire.com/people/krister-kittelson>)

9/9/2019

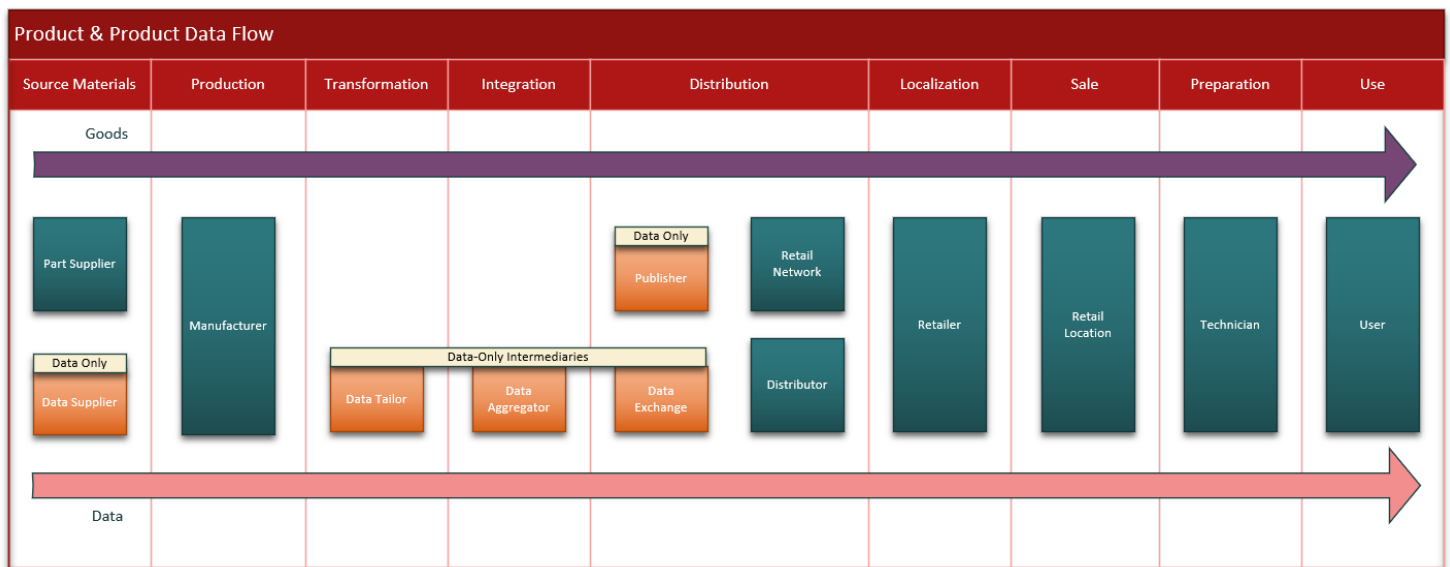


I've updated the drawing I did for Friday's meeting. I identified two more data-only actors:

- Publisher, meaning a website, digital asset, or print receiver that publishes the information directly to the end user but does not provide sales, service, etc. This would be folks like ShowMeTheParts as well as our "Show" websites like raybestosbrakes.com.
- Data Supplier: Supplier of source data like fitment, VIO, repair rates, etc. Example being MOTOR, Experian, etc.

I also cleaned up, rearranged, and removed the arrows since these are implied. But I also made "Data only" much clearer on actors that do not deal with goods.

Drawing is below!



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Answer



Krister Kittelson (<https://autocare.communifire.com/people/krister-kittelson>)

9/9/2019



Based on that and your original scenarios, **Tom Vierling**

(<https://autocare.communifire.com/people/tvierling>) , what do you think would be some good ones to pick? Using your original three (Supplier->Receiver, Supplier->Service Provider, Service Provider->Receiver) I could translate these to:

- Manufacturer --> Data Aggregator
- Manufacturer --> Data Tailor


- Data Tailor --> Retailer

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Answer



Tom Vierling (<https://autocare.communifire.com/people/tvierling>) 
9/10/2019

:

The scenarios listed above sound like excellent starting points.

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