



MELBOURNE HEALTH

Enabling Supply

... through the use of Technology

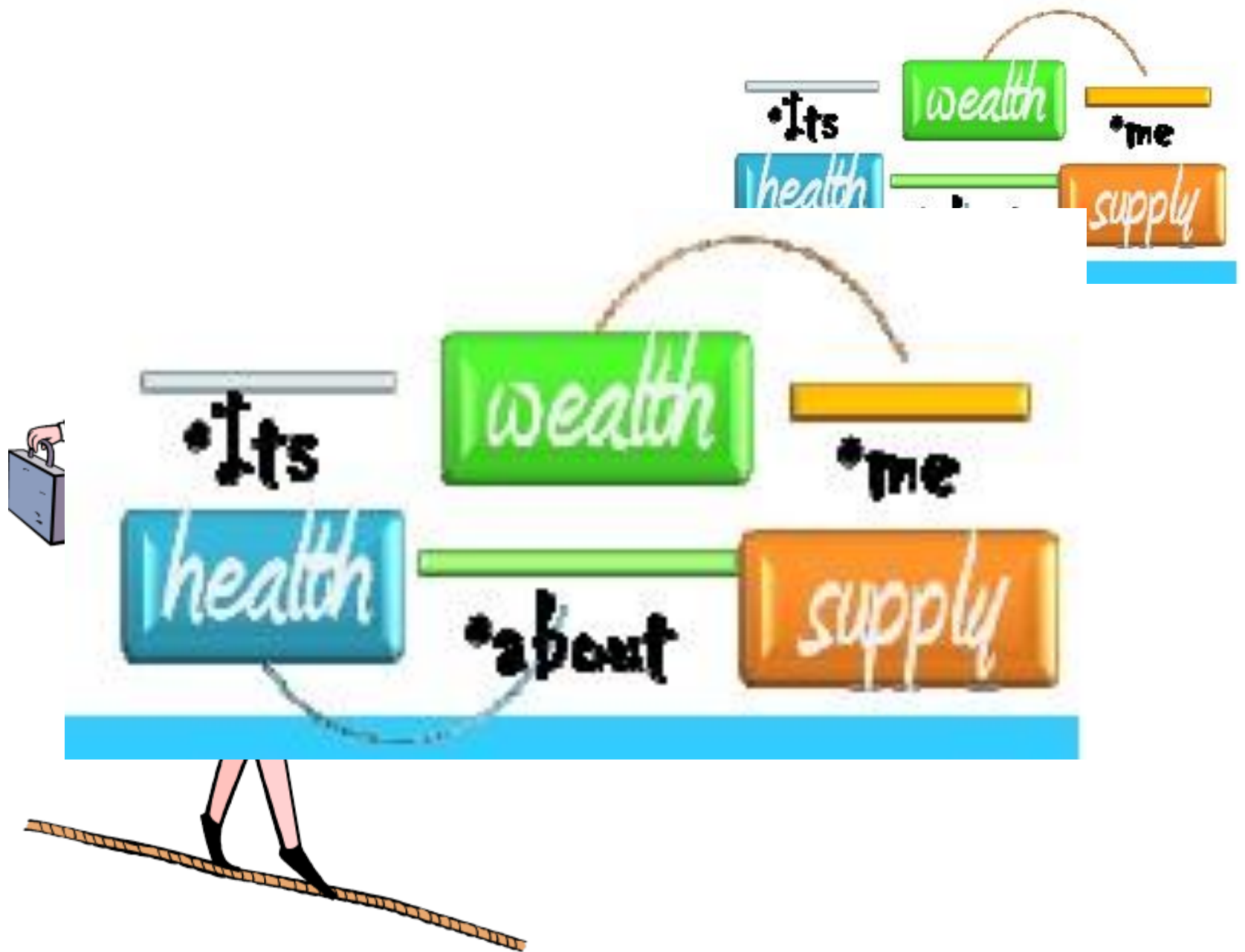
Peter Wilson
Melbourne Health
October 2011



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Enabling technology

Equipment and/or methodology that, alone or in combination with associated technologies, provides the means to generate giant leaps in performance and capabilities of the user.





1/2 Price

\$4.12

SAVE \$4.13 ~~WAS \$8.25~~

Kirks Soft Drink Varieties 10x375mL
\$2.10 per litre

\$12

SAVE \$4.49 ~~WAS \$16.49~~

Coca-Cola Soft Drink Varieties 15x375mL \$2.13 per litre

\$3

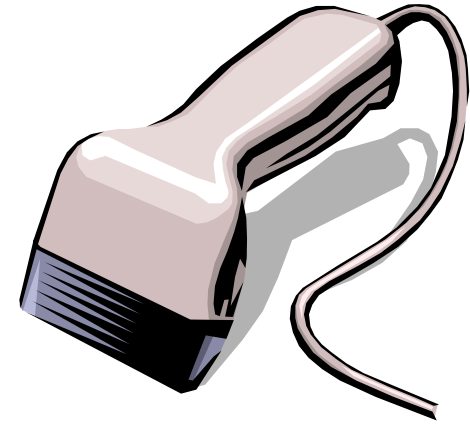
\$1

SAVE 88¢ ~~WAS \$1.88~~

Nestlé Medium Bars 35g-65g
Excludes Kit Kat King Size 65g

00 per litre

The humble Barcode



A barcode represents numbers and letters (data) in a machine-readable format

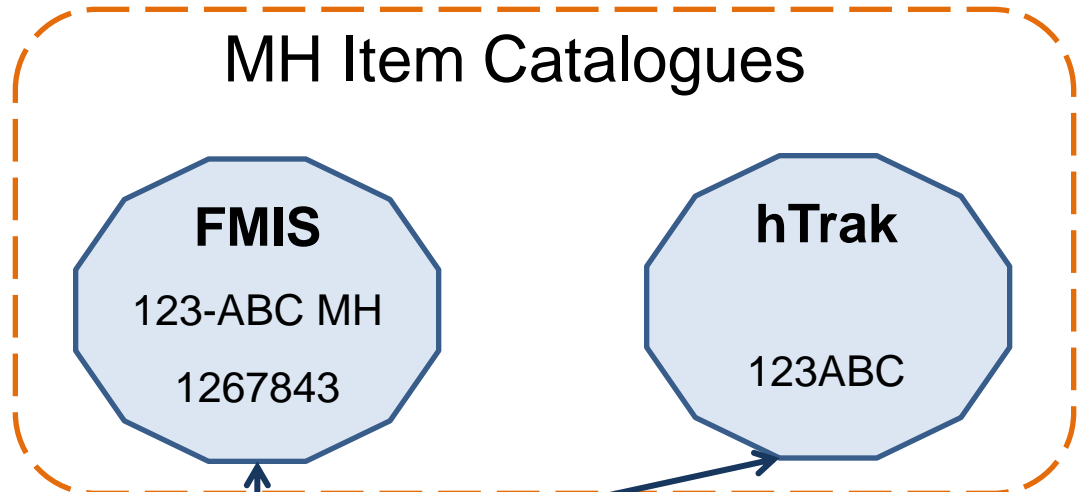
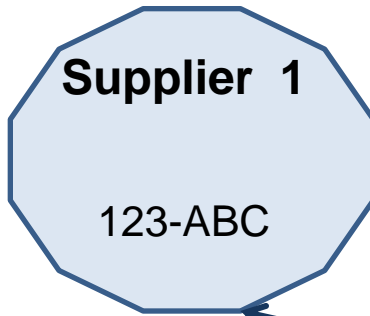


(01)09312345017416

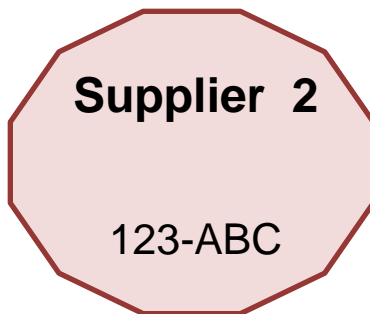




The language of Item Codes



GTIN
Global Trade Item Number

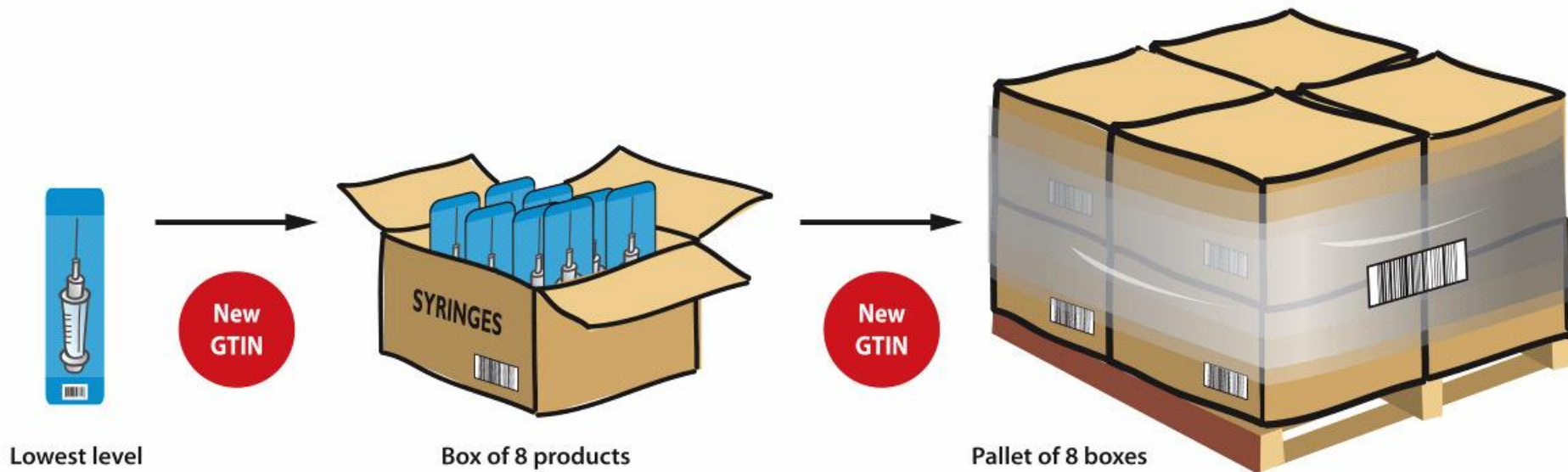


Note:

To simplify this example, I have chosen to ignore distributors & their codes

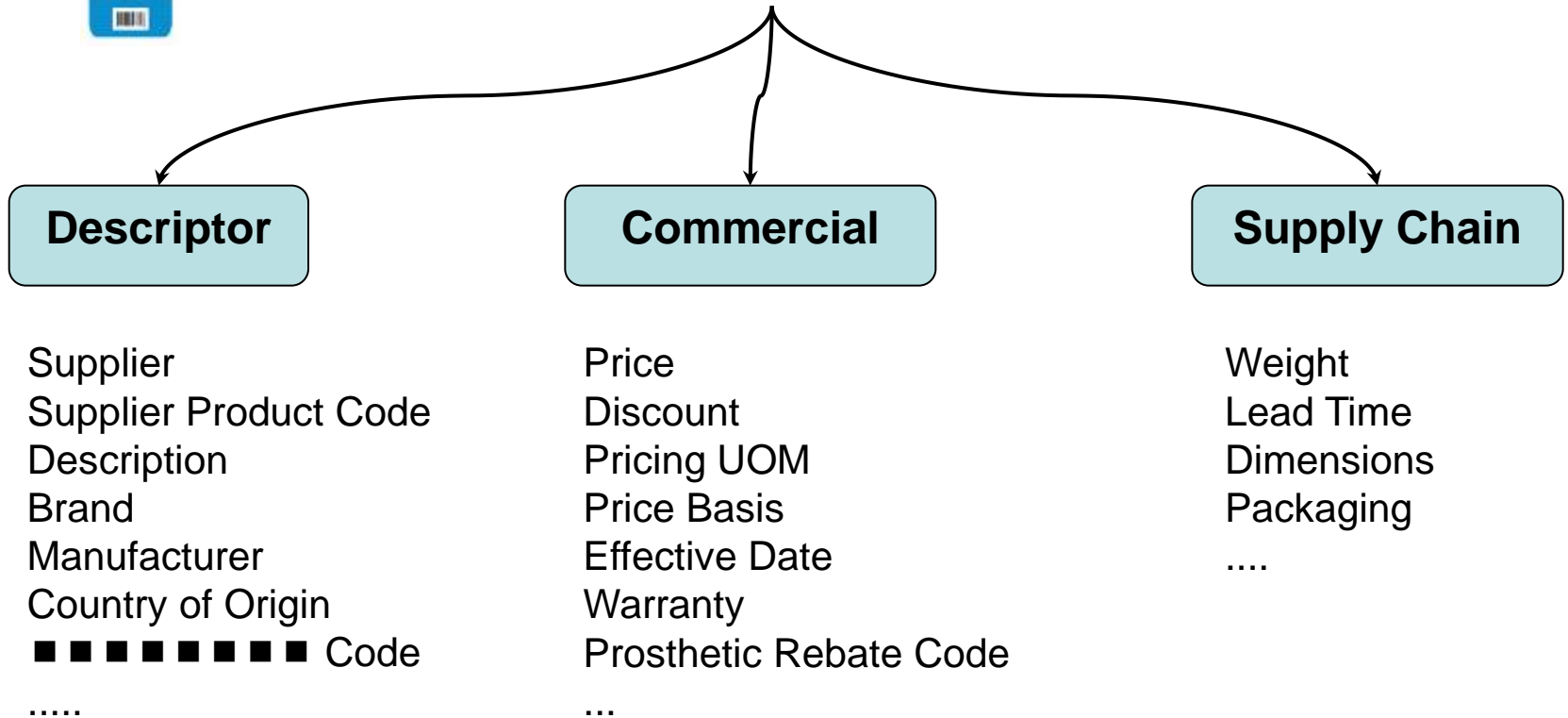
GTIN - Global Trade Item Number “Barcode”

- ❖ A unique identification of trade items worldwide
- ❖ Brand Owners allocate and maintain GTIN's to enable trading partners to distinguish products

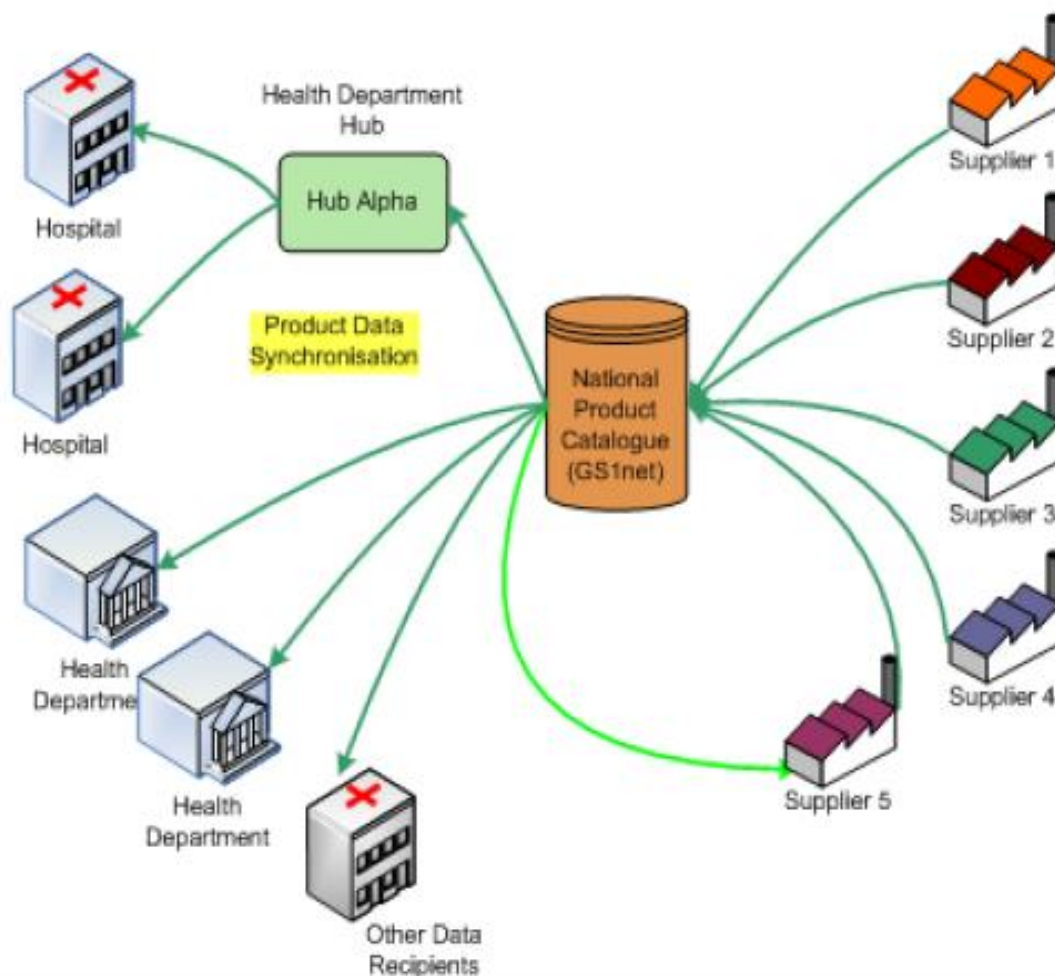


Any packaging level that is ***priced*** or ***ordered*** or ***invoiced*** at any point in any Supply Chain should receive its own GTIN.





The NPC – Data Synchronisation



Product data is common to all - Price data is customer specific

So

if we have a common language,
then surely we can communicate (electronically)



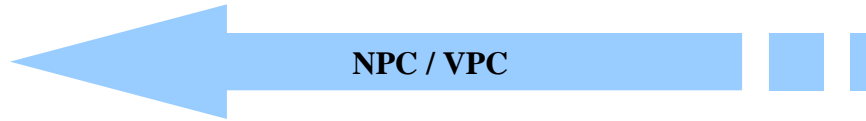


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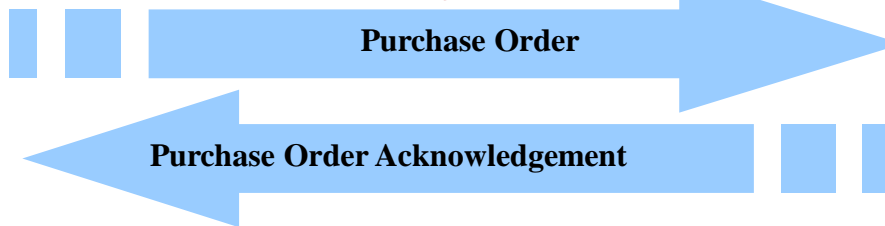
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HEALTH SERVICE

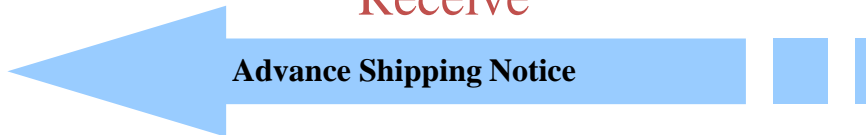
Item & Price Synchronisation



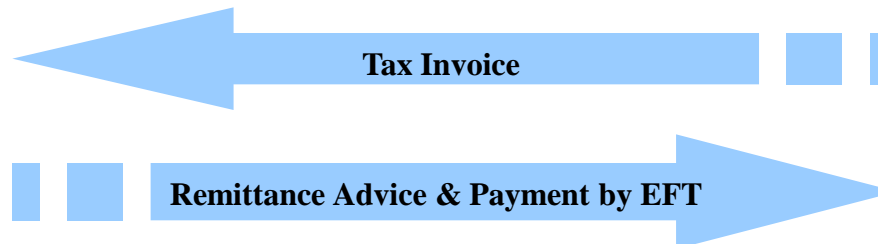
Buy



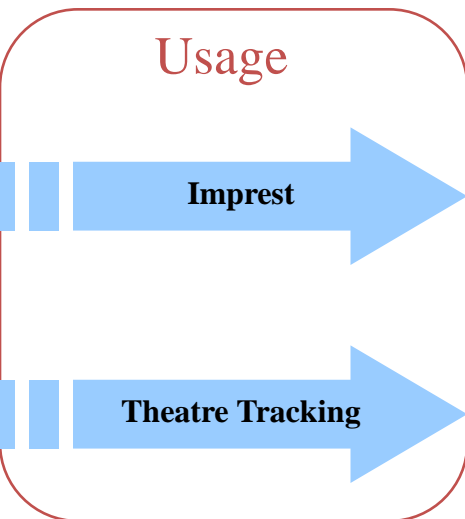
Receive



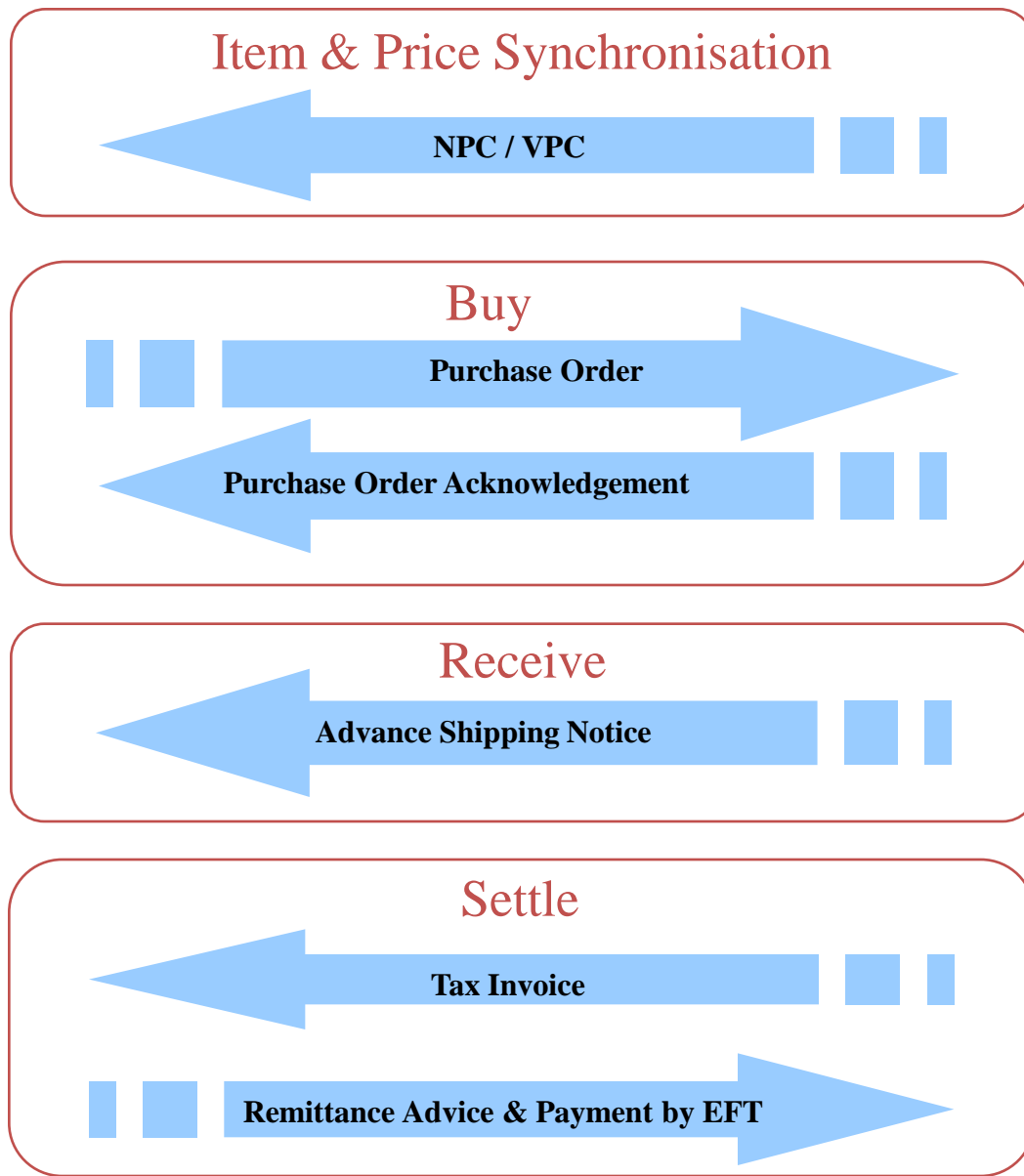
Settle



SUPPLIER



HEALTH SERVICE



SUPPLIER



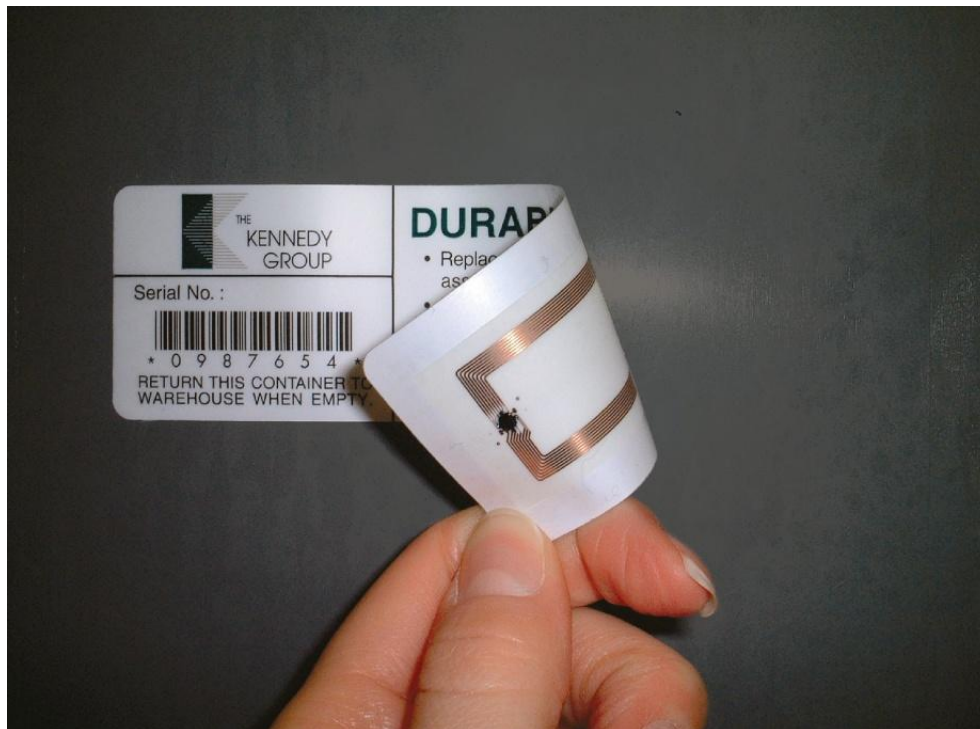
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Integration

- **Speed**
- **Integrity (Accuracy)**
- **Efficiency (Less duplication/manual work)**
- **Consistency**



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Radio-frequency identification (RFID)

Radio frequency identification (RFID) is a method of remotely storing and retrieving data using devices called RFID tags.

An RFID tag is a small object, such as an adhesive sticker, that can be attached to or incorporated into a product. RFID tags contain antennas to enable them to receive and respond to radio-frequency queries from an RFID transceiver.



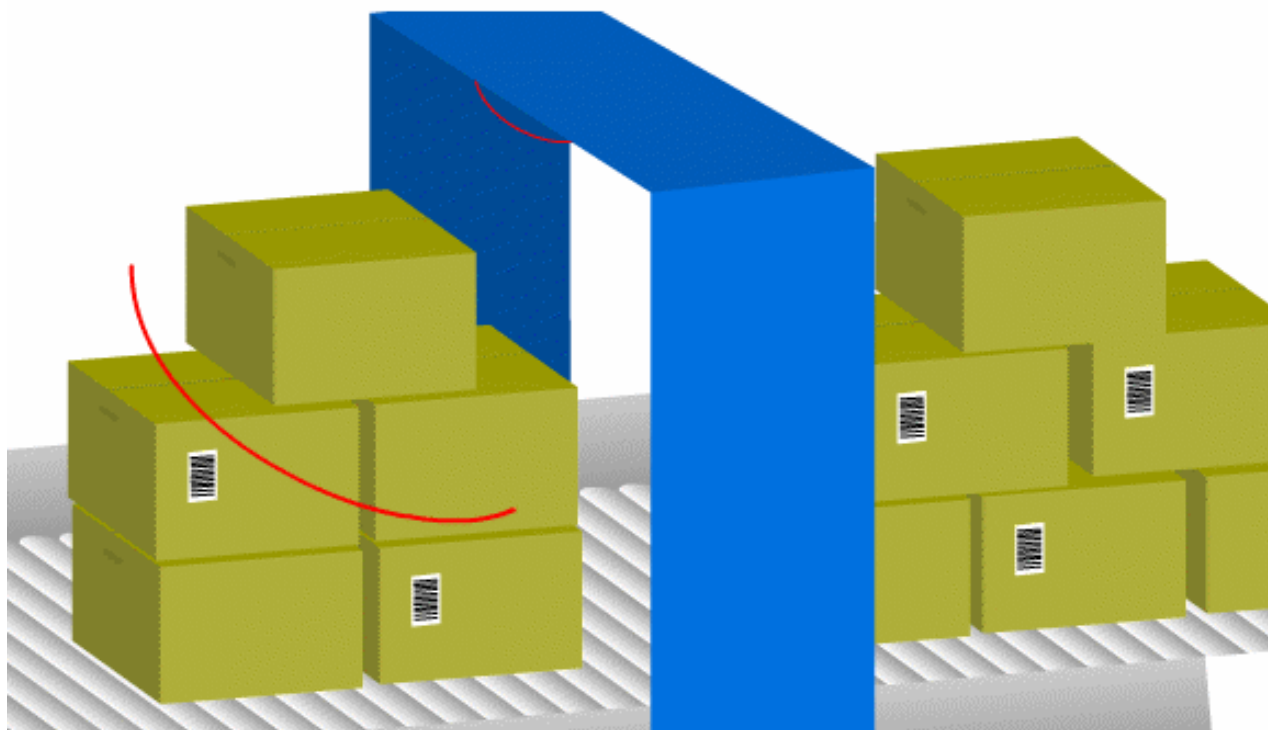
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RFID Tunnel (Loan Kits)





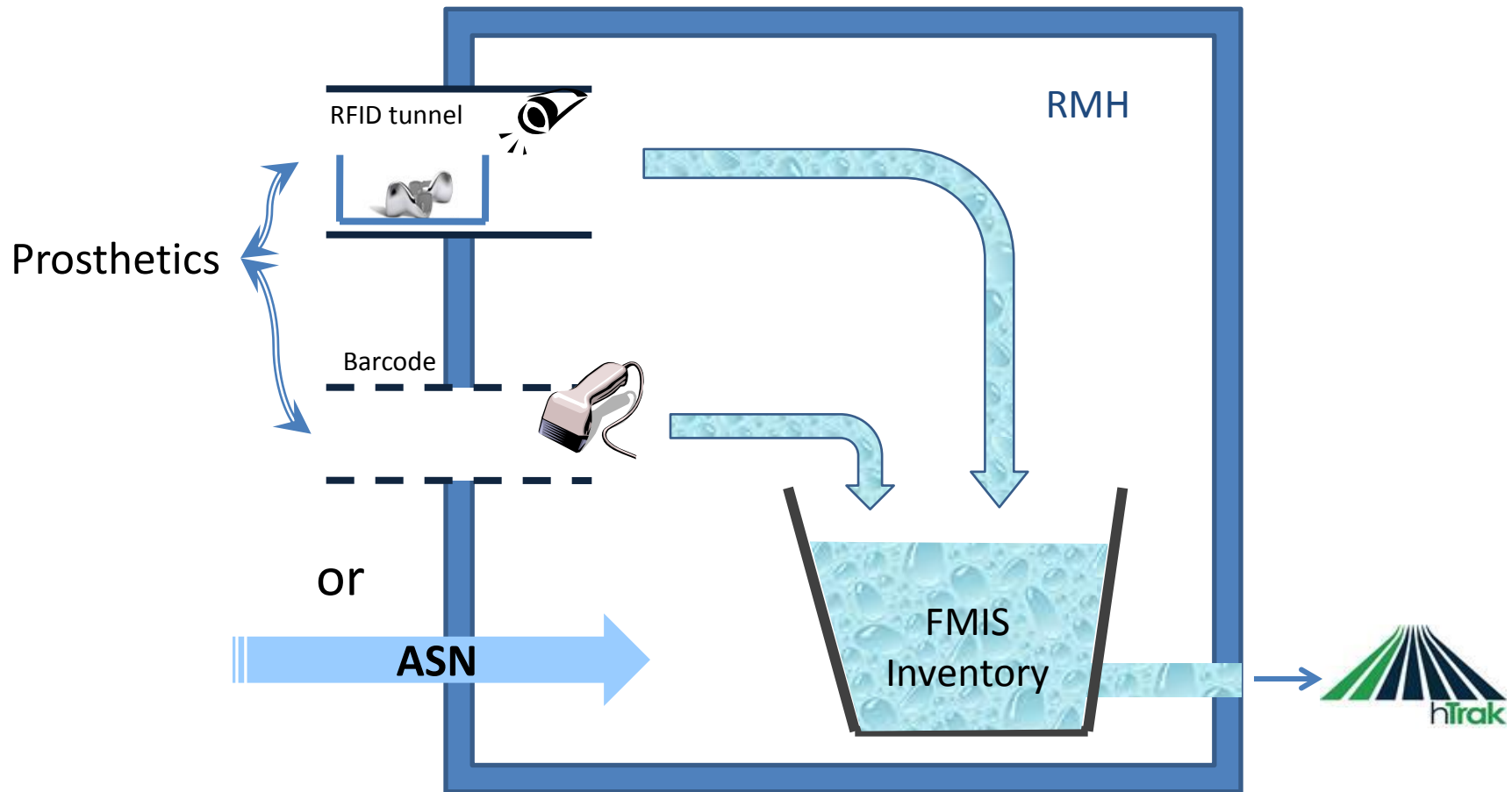
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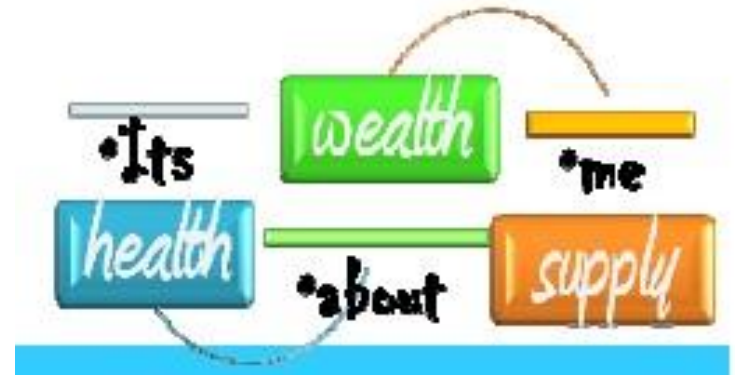
Prosthetic Items

Type of Stock	Theatre	Imaging	Cardio
MH owned	❖	❖	❖
Consignment	❖	❖	❖
Loan	❖		

RFID Tunnel

RMH Prosthetic Control (Vision)





So ... what about me ??





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Questions ?