Figure 1, shown below, is a representation of a supply chain from the supplier to the sales floor. Readers are placed at the following locations represented by the red circles:

- R1 Into Distribution Center
- R2 Out of Distribution Center
- R3 Store Back Room
- R4 Store Sales Floor



Figure 1

Figure 2 is an example of a daily report generated by WPC – EPCIS (Electronic Product Code Information Service) to show the velocity of a given set of product through the supply chain. Information for each EPC read is summarized and correlated to the GTIN they represent for each business location.

<b>Distribution Center</b>	
Cases In	Number of EPC's read for a given GTIN at reader 1
Cases Out	Number of EPC's read for a given GTIN at reader 2
Dwell Time	Average time the "Cases Out" EPC's spent between readers 1 & 2
Store	
Cases In	Number of EPC's read for a given GTIN at reader 3
Sales Floor*	Number of EPC's read for a given GTIN at reader 4
<b>Transit Time</b>	Average time the "Cases In" EPC's spent between readers 2 & 3
Dwell Time	Average time the "Sales Floor" EPC's spent between readers 3 & 4

<sup>\*</sup> Some EPC may flow back and forth between the Store Back Room and Sales Floors therefore; any EPC event for the Sales Floor that also has a subsequent EPC event in the Back Room will be ignored.



RFID Case Movement for : 21 Feb 2005 to 22 Feb 2005 Reported on : Tue, 22 Feb 2005 00:02:13 -0700

GTIN	Description	UPC		UDEX		
00013130002448	MILK BONE LARGE	01313	30002448	ANIMAI	L/PET TREATS/BONI	ES/CHEWS
	<u>Location</u>		Cases	In	Dwell Time	Cases Out
	Distribution Center			72	6d 4h 11m	1
	<u>Location</u>	Transit Time	Cases	In	Dwell Time	Sales Floor
	Store 4279 - Burleson	0d 7h 12m		1	0d 1h 51m	1
00013130002035	MILK BONE MEDIUM	01313	30002035	ANIMAI	L/PET TREATS/BONI	ES/CHEWS
	Location		Cases	In	Dwell Time	Cases Out
	Distribution Center			45	0 <b>d</b> 0h 0m	0
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