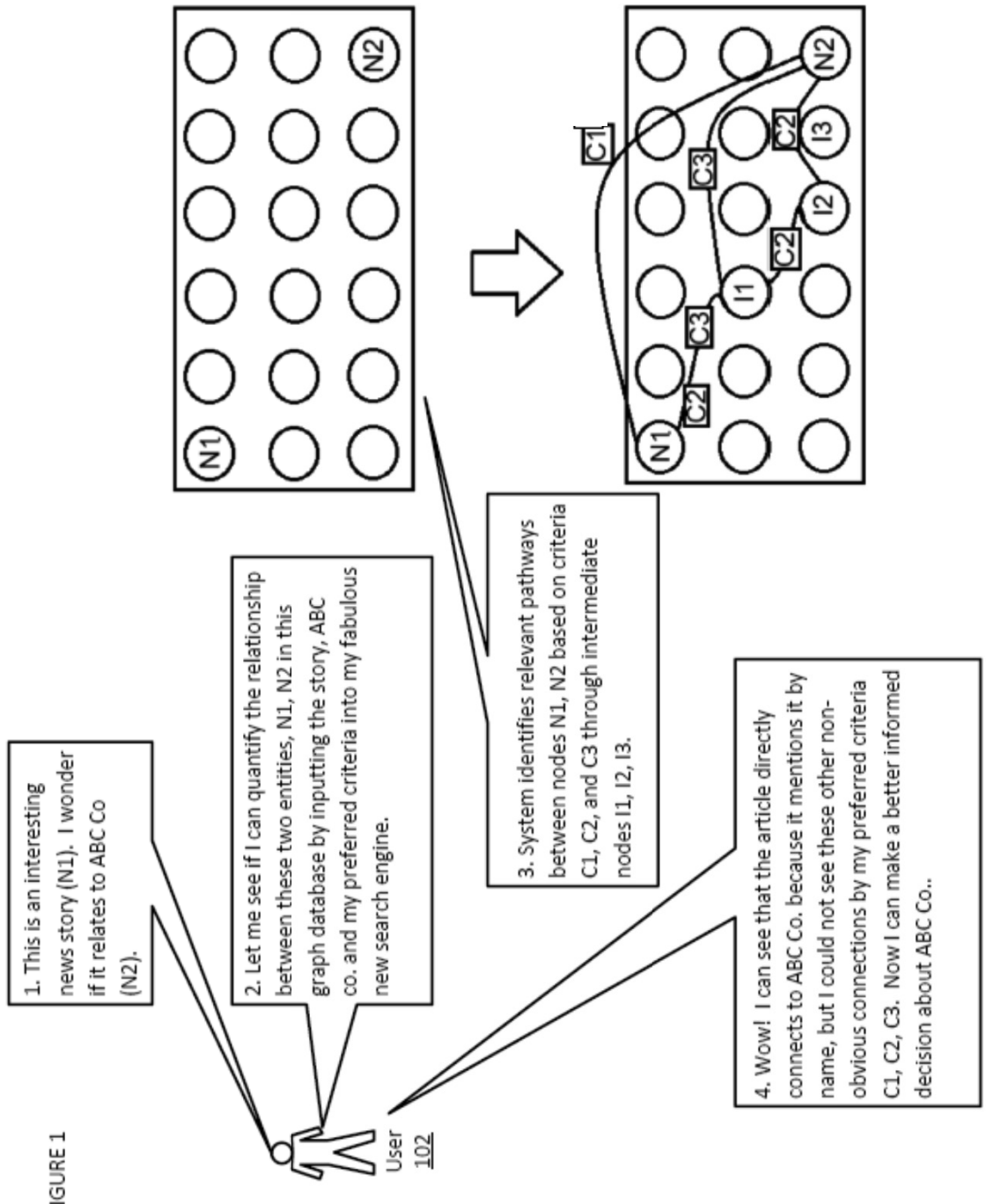
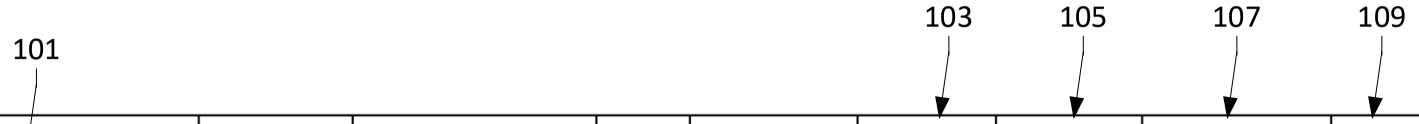

1. This is an interesting news story (N1). I wonder if it relates to ABC Co (N2).
2. Let me see if I can quantify the relationship between these two entities, N1, N2 in this graph database by inputting the story, ABC co. and my preferred criteria into my fabulous new search engine.
3. System identifies relevant pathways between nodes N1, N2 based on criteria C1, C2, and C3 through intermediate nodes I1, I2, I3.
4. Wow! I can see that the article directly connects to ABC Co. because it mentions it by name, but I could not see these other non-obvious connections by my preferred criteria C1, C2, C3. Now I can make a better informed decision about ABC Co..
User 102
N1
N2
C1
C2
C3
I1
I2
I3

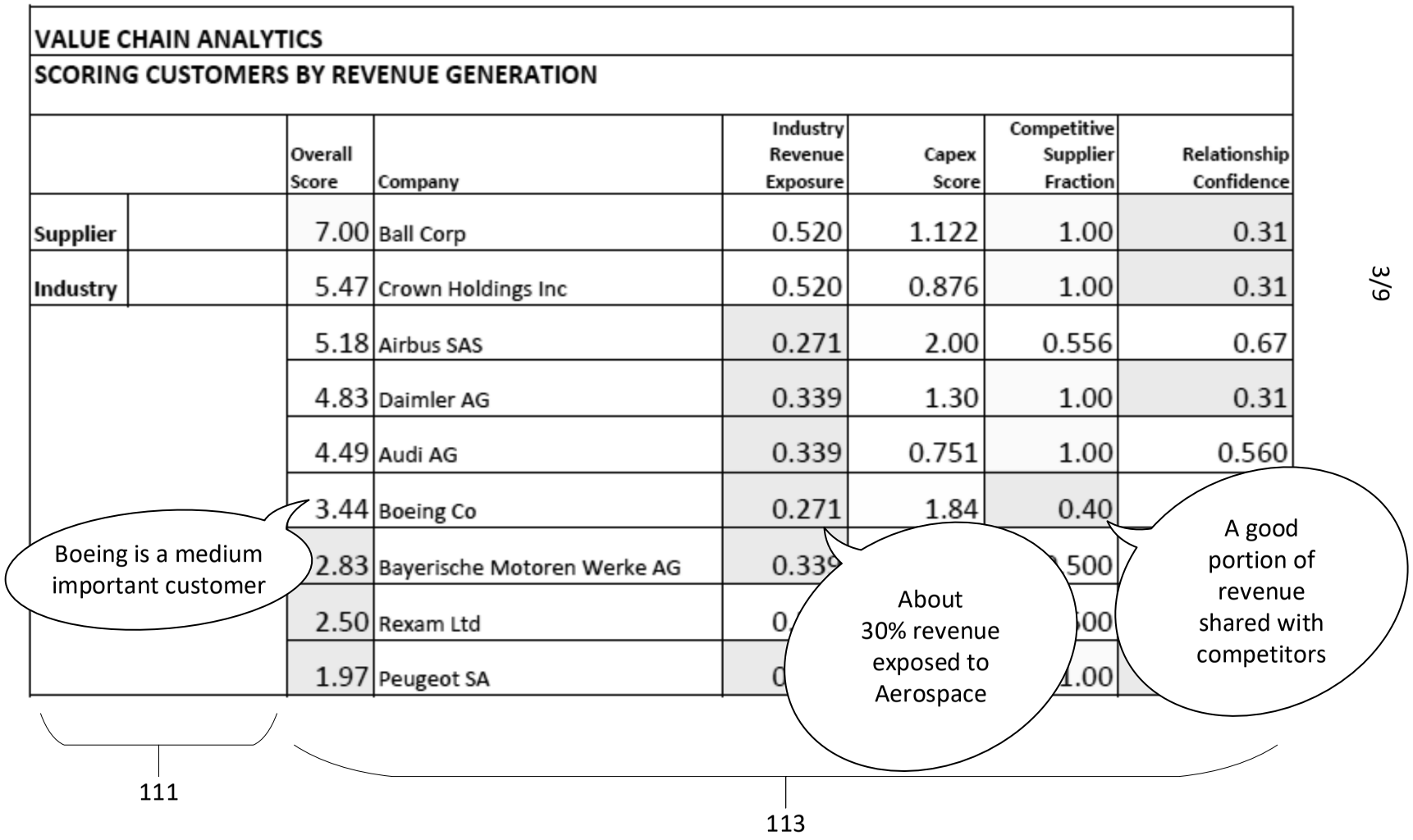
FIGURE 1

FIGURE 2A



	permid	industry(TRBC2)	country	rel_confidence	ind_rev_exp	capex_score	suppl_rank_fract	score
common_name								
Ball Corp	4.295904e+09	Containers & Packaging	US	0.31	0.520200	1.122222	1.000000	0.583780
Crown Holdings Inc	4.295904e+09	Containers & Packaging	US	0.31	0.520200	0.875926	1.000000	0.455657
Daimler AG	4.295870e+09	Automobiles & Auto Parts	DE	0.31	0.338713	1.304414	1.000000	0.441822
Airbus SAS	4.297548e+09	Aerospace & Defense	FR	0.67	0.271137	2.313528	0.555556	0.348491
Rexam Ltd	4.295895e+09	Containers & Packaging	GB	0.56	0.520200	1.122222	0.500000	0.291890
Audi AG	4.295869e+09	Automobiles & Auto Parts	DE	0.56	0.338713	0.750928	1.000000	0.254349
Boeing Co	4.295903e+09	Aerospace & Defense	US	0.64	0.271137	1.840141	0.400000	0.199572
Peugeot SA	4.295867e+09	Automobiles & Auto Parts	FR	0.31	0.338713	0.527791	1.000000	0.178770
Bayerische Motoren Werke AG	4.295869e+09	Automobiles & Auto Parts	DE	0.63	0.338713	0.859912	0.500000	0.145632

FIGURE 2B


VALUE CHAIN ANALYTICS
SCORING CUSTOMERS BY REVENUE GENERATION
Overall Score
Company
Industry Revenue Exposure
Capex Score
Competitive Supplier Fraction
Relationship Confidence
Supplier
Industry
7.00 Ball Corp 0.520 1.122 1.00 0.31
5.47 Crown Holdings Inc 0.520 0.876 1.00 0.31
5.18 Airbus SAS 0.271 2.00 0.556 0.67
4.83 Daimler AG 0.339 1.30 1.00 0.31
4.49 Audi AG 0.339 0.751 1.00 0.560
3.44 Boeing Co 0.271 1.84 0.40
2.83 Bayerische Motoren Werke AG
2.50 Rexam Ltd
1.97 Peugeot SA
Boeing is a medium important customer
About 30% revenue exposed to Aerospace
A good portion of revenue shared with competitors
111
113

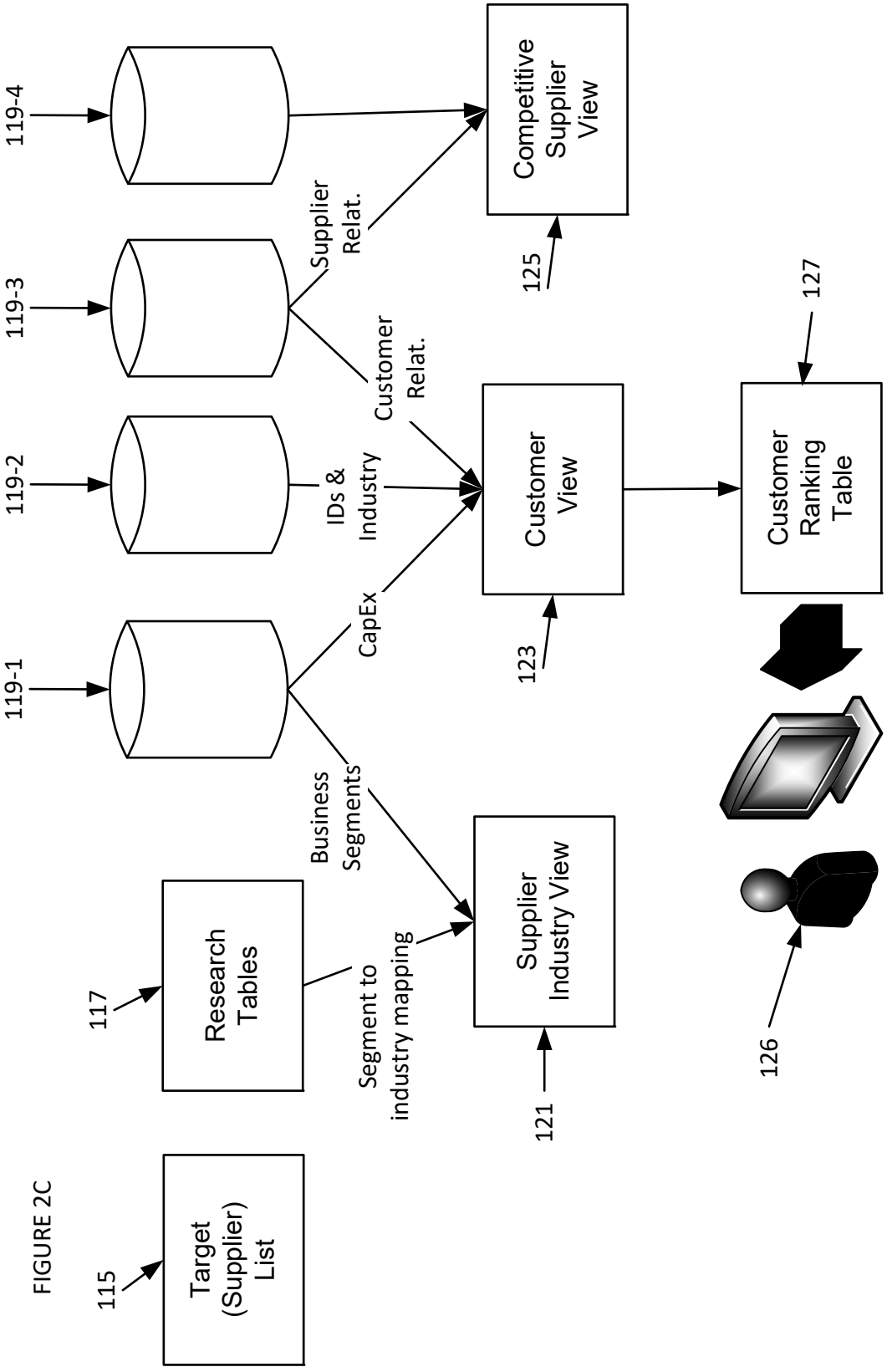

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Competitive Supplier View
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FIGURE 2C

FIGURE 2D

common_name	comp_supplier_count	comp_supplier_names	suppl_up_permids	suppl_ranks	suppl_rank_values	suppl_rank_fract
Crown Holdings Inc	1	[Constellium NV]	[5039650639]	[0]	[1]	1.000000
Audi AG	1	[Constellium NV]	[5039650639]	[0]	[1]	1.000000
Daimler AG	1	[Constellium NV]	[5039650639]	[0]	[1]	1.000000
Boeing Co	3	[Arconic Inc, Constellium NV, Kaiser Aluminum ...	[5000003748, 5039650639, 4295904352]	[3, 0, 4]	[0.8, 1, 0.7]	0.400000
Airbus SAS	2	[Arconic Inc, Constellium NV]	[5000003748, 5039650639]	[3, 0]	[0.8, 1]	0.555556
Peugeot SA	1	[Constellium NV]	[5039650639]	[0]	[1]	1.000000
Ball Corp	1	[Constellium NV]	[5039650639]	[0]	[1]	1.000000
Bayerische Motoren Werke AG	2	[Constellium NV, Hindalco Industries Ltd]	[5039650639, 4295873625]	[0, 1]	[1, 1]	0.500000
Rexam Ltd	2	[Hindalco Industries Ltd, Constellium NV]	[4295873625, 5039650639]	[1, 0]	[1, 1]	0.500000

SegmentName	SegmentRevenue	SegmentRevPct
Automotive Structures & Industry	1002000000	0.2086630
Packaging & Automative Rolled Products	2498000000	0.5202000
Aerospace & Transportation	1302000000	0.2711370

FIGURE 2E

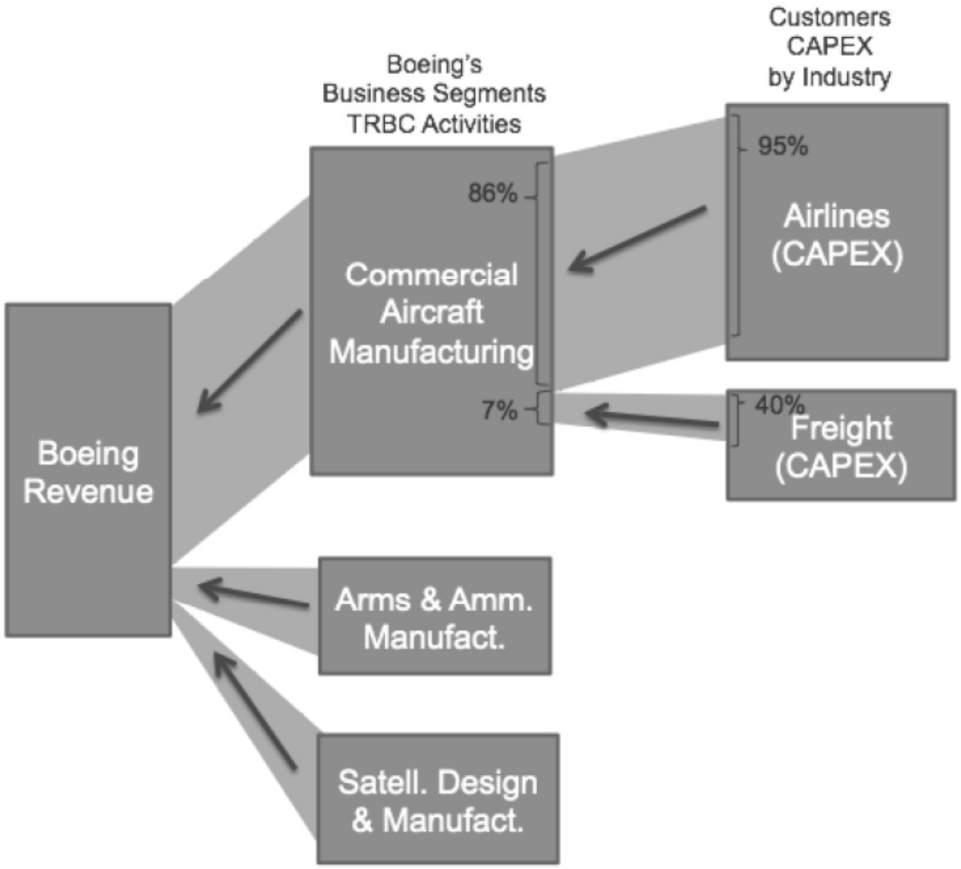
segment	target_industry	importance	importance_score
Automative Structures & Industry	Automobiles & Auto Parts	1	1.00
Packaging & Automotive Rolled Products	Containers & Packaging	1	1.00
Packaging & Automotive Rolled Products	Automobiles & Auto Parts	3	0.25
Aerospace & Transportation	Aerospace & Defense	1	1.00

FIGURE 2F

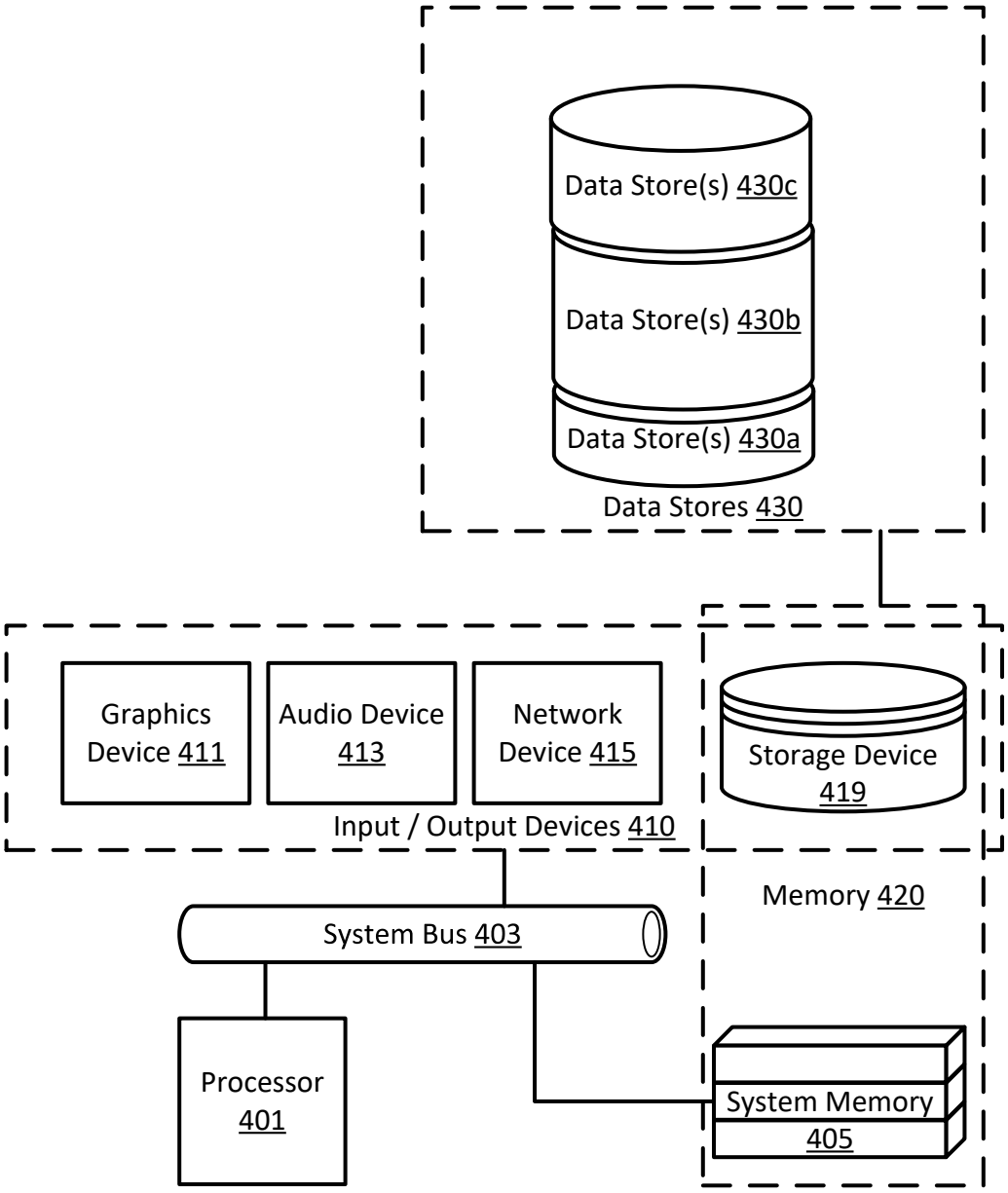
	SegmentRevenuePct	ind_rev_exp
customer_industry		
Containers & Packaging	0.520200	0.520200
Automobiles & Auto Parts	0.728863	0.338713
Aerospace & Defense	0.271137	0.271137

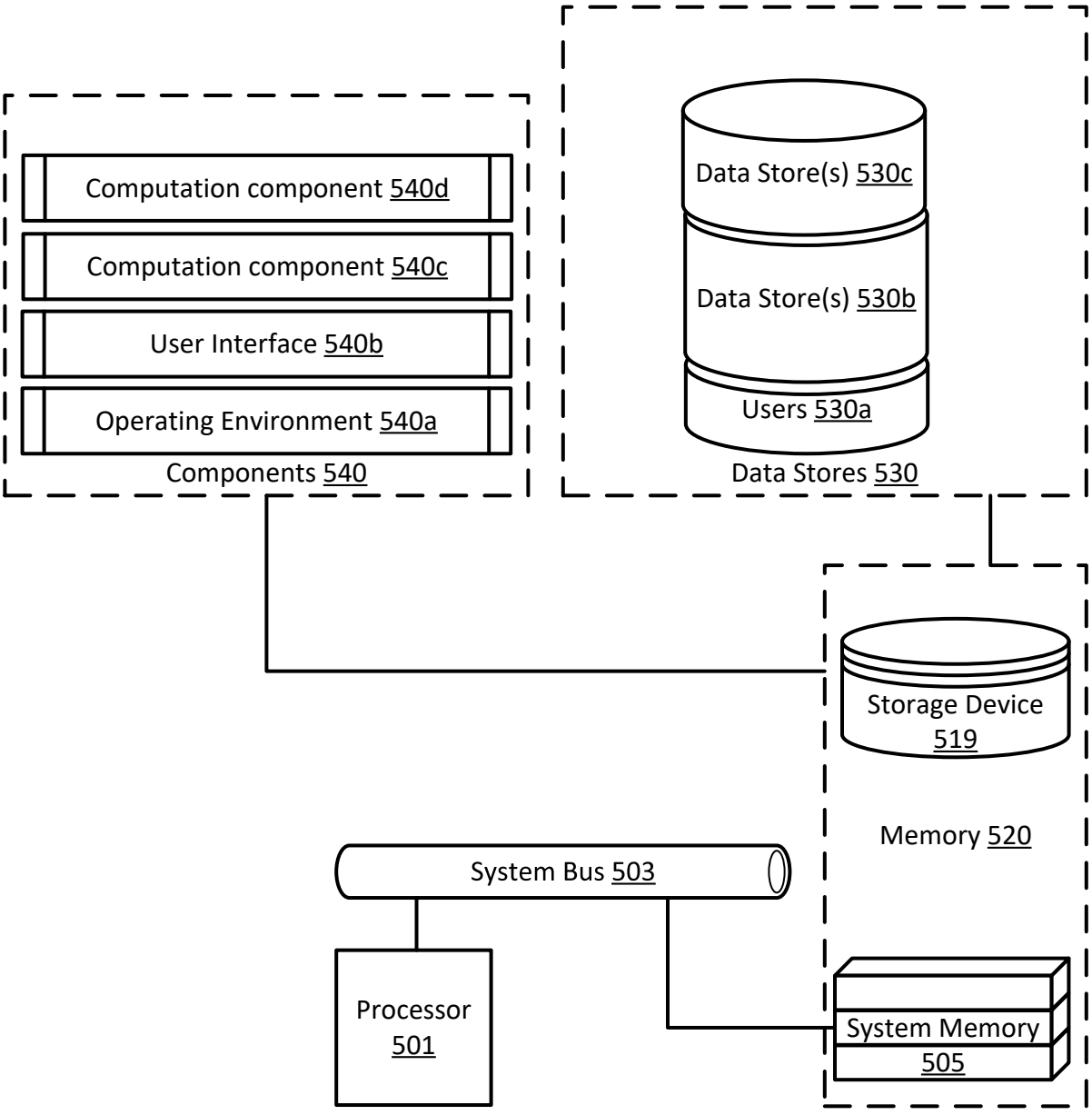
FIGURE 2G

FIGURE 3



industry	activity	dependency
Airlines	CAM	95% CAPEX
Freight	CAM	40% CAPEX
Aerospace & Defense	CAM	5% CAPEX
Aerospace & Defense	AAM	20% CAPEX
Satellite Service Oper.	SDM	80% CAPEX
…		


Data Store(s) 430c
Data Store(s) 430b
Data Store(s) 430a
Data Stores 430
Graphics Device 411
Audio Device 413
Network Device 415
Storage Device 419
Input / Output Devices 410
Memory 420
System Bus 403
Processor 401
System Memory 405


Computation component 540d
Computation component 540c
User Interface 540b
Operating Environment 540a
Components 540
Data Store(s) 530c
Data Store(s) 530b
Users 530a
Data Stores 530
Storage Device 519
Memory 520
System Bus 503
Processor 501
System Memory 505