

<u>Thursd</u>	ay, November 8	
8:30	Registration	
9:00	SCFA Framework, Financial Statements – Jim Rice, MIT CTL	
10:30	Break	
10:45	Cost Systems/ABC – Jim Rice, MIT CTL	
12:15	Lunch	
1:15	Class Photo	
1:30	Dakota Office Products Case Discussion – Jim Rice, MIT CTL	
2:45	Break	
3:00	Break	
3:15	Supply Chain Finance Introduction – Prof. Anne Lange, LCL	
4:45	Adjourn	

Pro	gramme Agenda		
<u>Friday,</u>	November 9		
8:30	SC Finance at Procter & Gamble – Jim Rice, MIT CTL		
9:45	Break		
10:00	Working Capital & Cash Conversion Cycle (CCC) – Prof. Anne Lange, LCL		
11:15	Cash Conversion Cycle Analysis – Jim Rice, MIT CTL		
12:00	Lunch		
1:00	Working Capital Simulation – Jim Rice, MIT CTL		
2:00	Working Capital Simumation Debrief – Jim Rice, MIT CTL		
2:45	Summary		
3:00	Adjourn		
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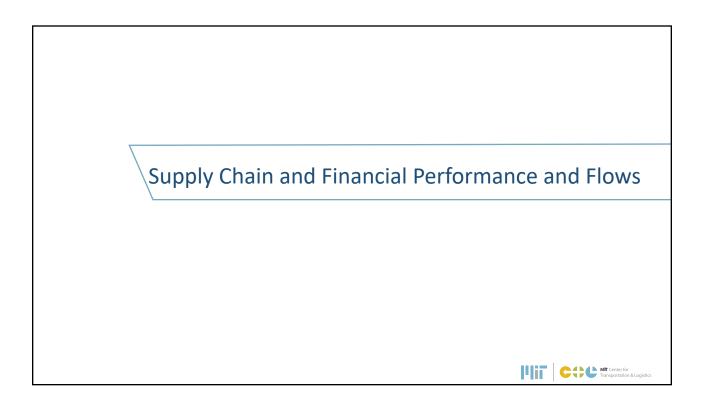
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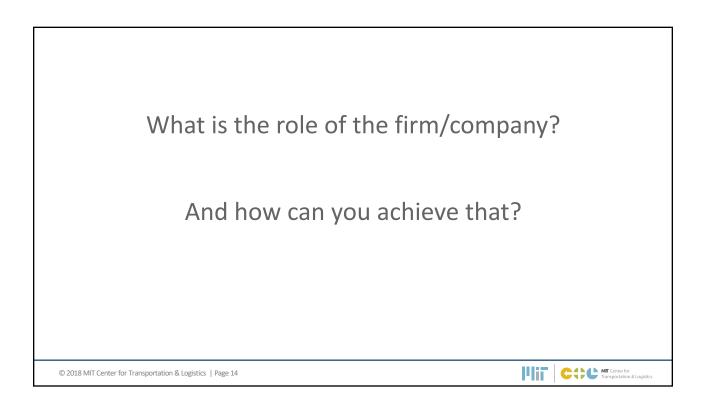
# Getting the most out of the programme....

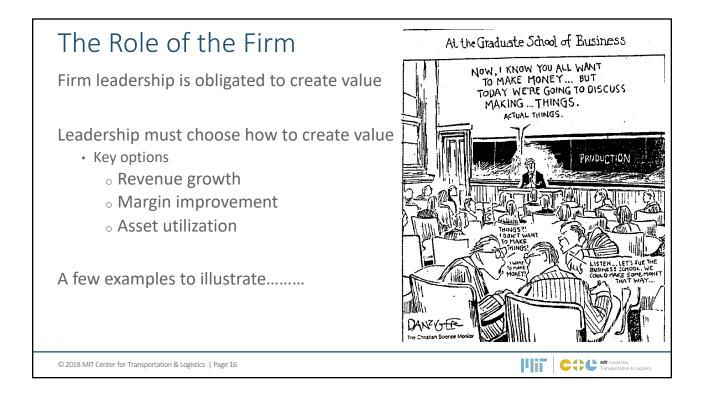
- Read the cases in advance of class.
- Bring laptop and power supply Friday
- Build your network, get to know all the other participants
- Gateway Page:
  - <u>https://ctl.mit.edu/supply-chain-financial-analysis-lcl-executive-</u> education
- Share experiences with others .....but
  - This session includes discussions among various stakeholders in global supply chains (e.g. shippers, carriers, forwarders, 3PLs). Our focus is on education.
  - Participants should not sell their services or discuss pricing, costing, rate, tariff or other confidential information here.

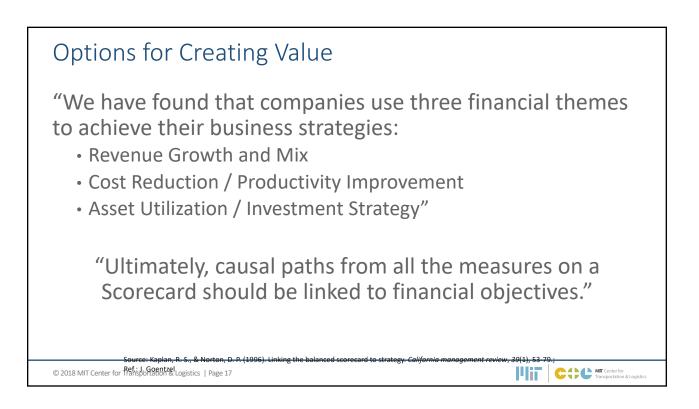
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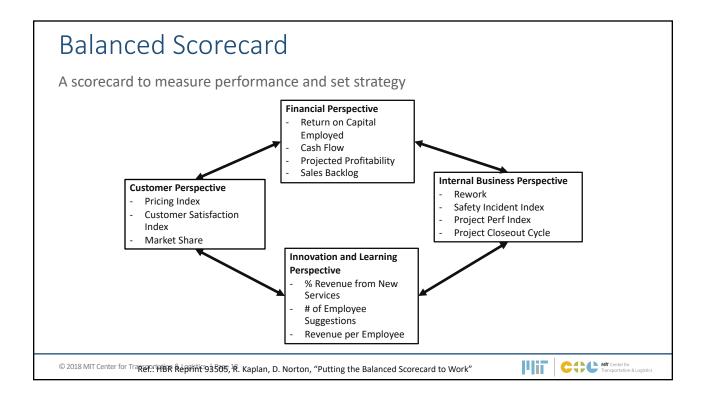












# Creating Value Through Revenue Growth

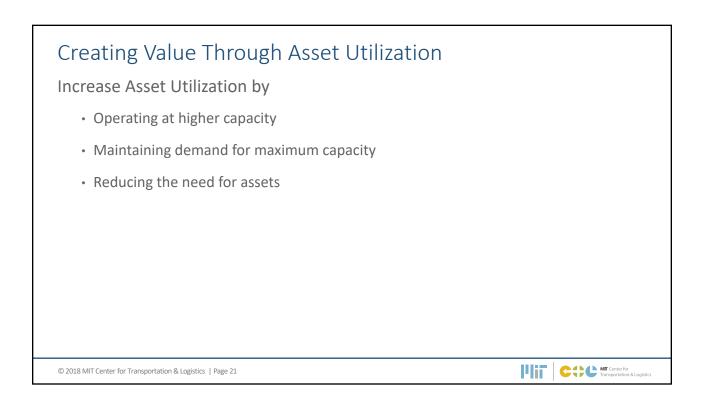
Grow (increase) revenue (sales) by

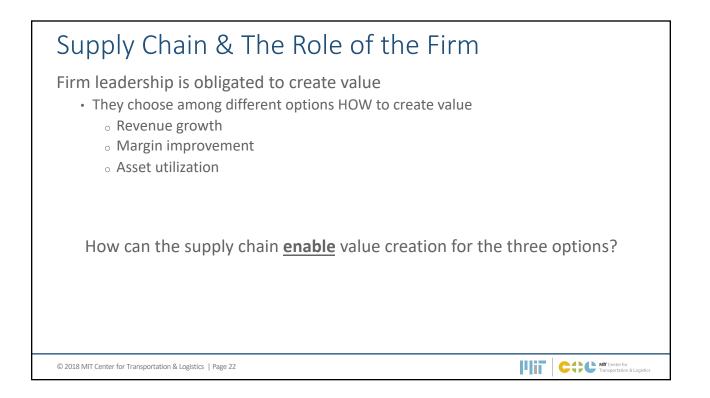
- Selling increased volumes of current product line
- Introducing and selling new, different products
- · Offering additional services to support the products
- · Sell the products and services at a higher price

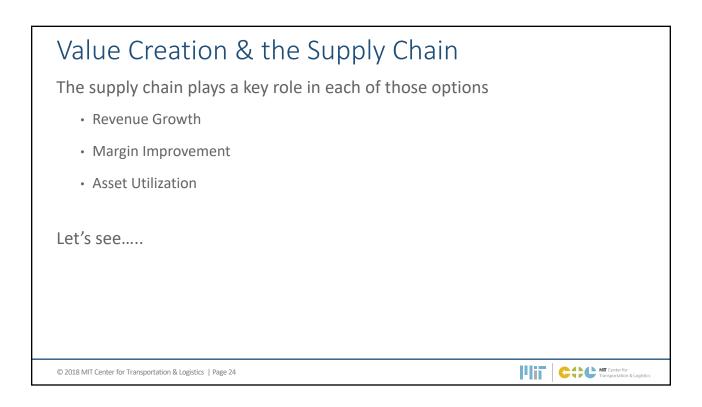
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Creating Value Through Margin Improvement		
Improve margins by		
Lowering supply costs		
Reducing operating costs		
Lowering distribution costs		
Raising prices		
<ul> <li>Eliminating redundant activities</li> </ul>		
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### Supply Chain Enables Revenue Growth The supply chain... Grow revenue Selling increased volumes of current Produces more product as needed product line Introducing and selling new, Launches New Product Introductions (NPI) as needed – in time to satisfy different products (unknown) market demand Offering additional services to Creates a new supply chain to provide support the products the service • Sell the products and services at a Produces, delivers high quality product higher price on demand MIT Center for Transportation & Logistic © 2018 MIT Center for Transportation & Logistics | Page 25

# Supply Chain Enables Margin Improvement

Improve margins by

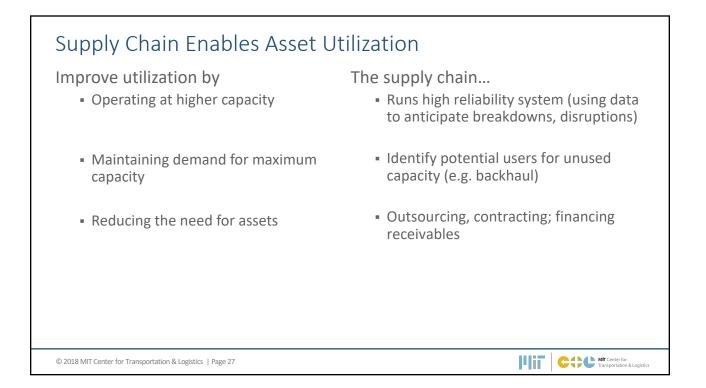
- Lowering supply costs
- Reducing operating costs
- Lowering distribution costs
- Raising prices
- Eliminating redundant activities

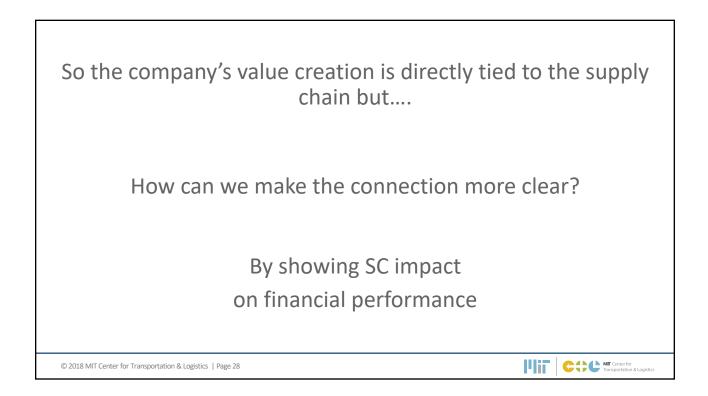
The supply chain...

- Sources for lower cost supply
- Improves operations, eliminating redundancy
- Uses different distribution channels, optimizing internal, external resources
- Produces, delivers high quality product on demand
- Redesigns for effective and efficient operation

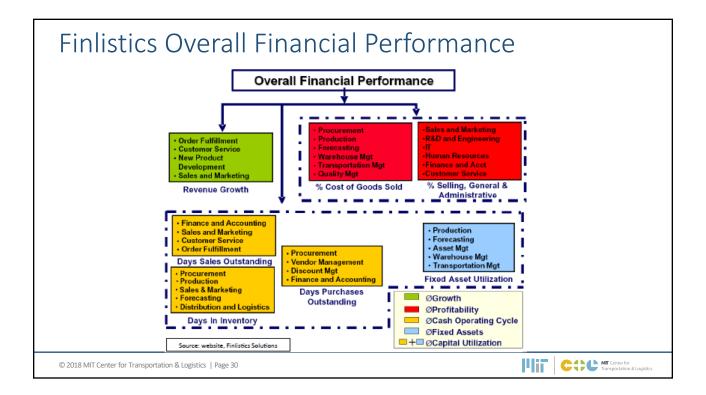
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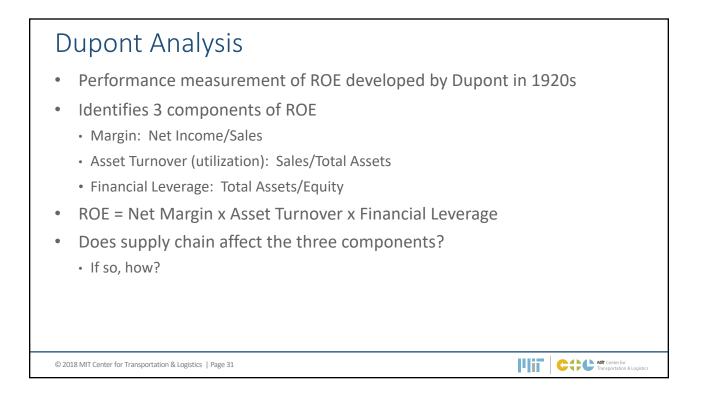
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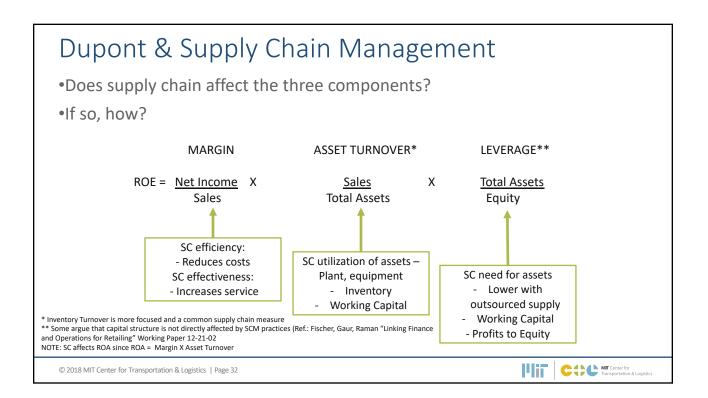


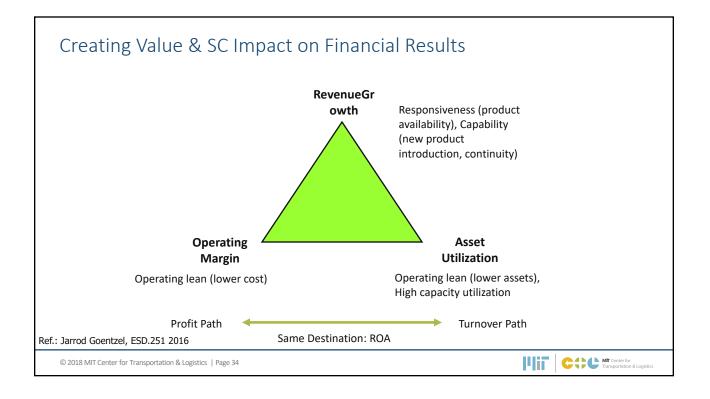


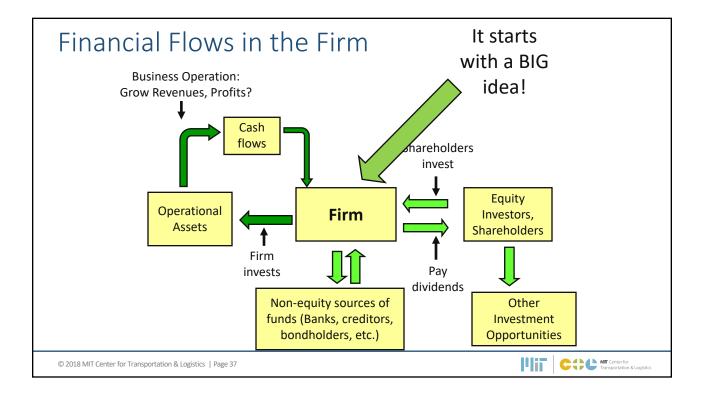


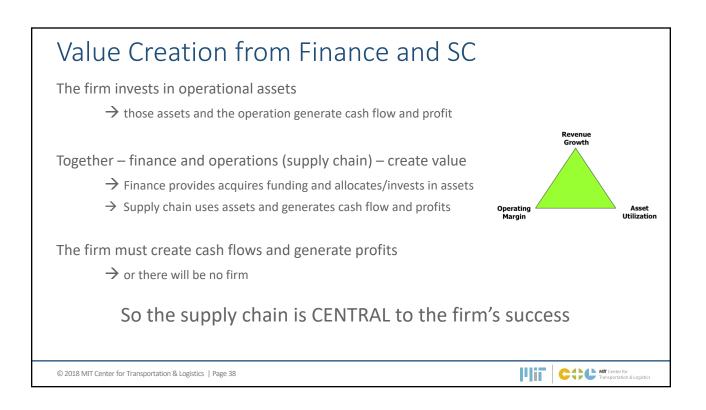


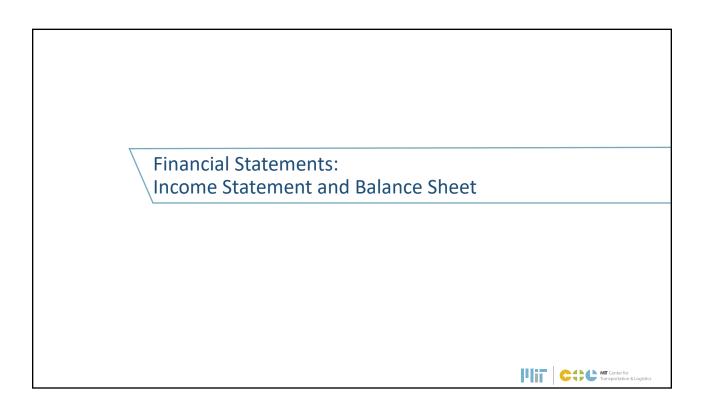






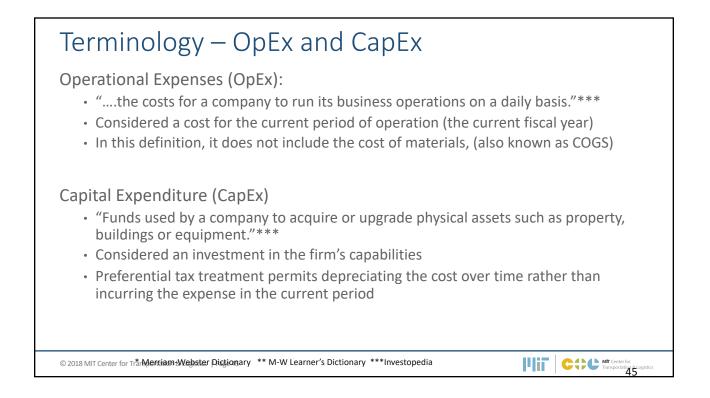


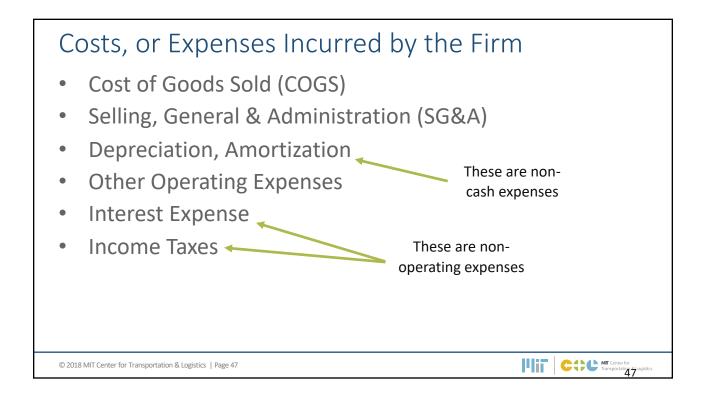




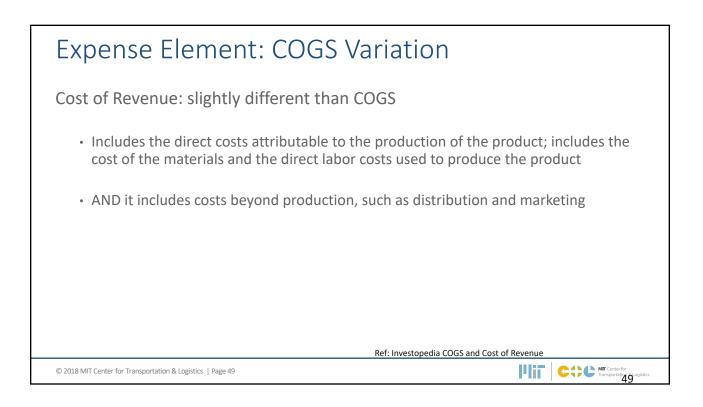
Many Important Financial Statements
<ul> <li>Income Statement</li> <li>Balance Sheet</li> <li>10K</li> <li>Annual Report</li> <li>Statement of Changes in Financial Position</li> <li>Etc.</li> </ul>
In this segment we will focus on the Income Statement and the Balance Sheet
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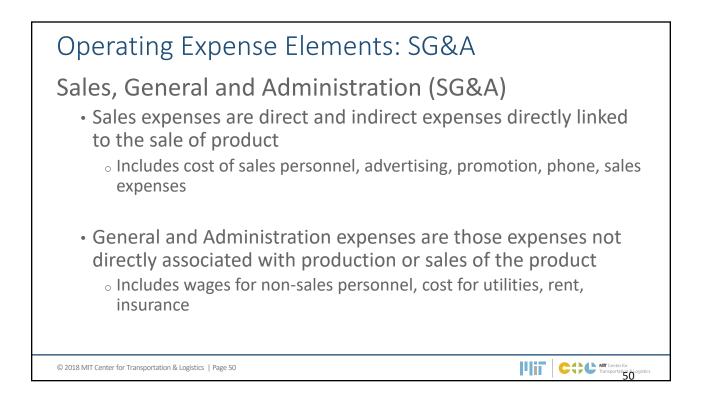
Income Sta	itement
activities • Over a st	ement presents a summary of income-generating ated period of time ed of 3 (or 4) components
<ul><li> Revenues</li><li> Expenses</li><li> Profit/Loss</li></ul>	(also know as sales, turnover, proceeds) (variations include cost of goods sold, operating expense, depreciation) (variations include income, gross profit, net profit, EBIT)
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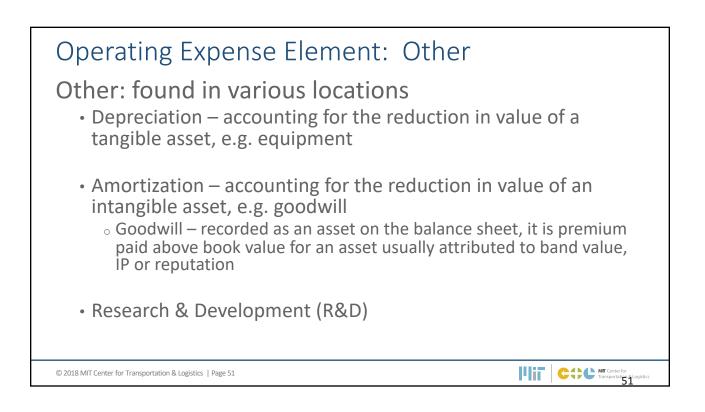




Expense Element: COGS
Cost of Goods Sold (or Cost of Sales):
<ul> <li>Includes the direct costs attributable to the production of the products sold by the company; includes the cost of the materials and the direct labor costs used to produce the product</li> </ul>
<ul> <li>Does not include indirect expenses, expenses that are not attributable to specific products, such as distribution costs and sales force costs</li> </ul>
Ref: Investopedia COGS and Cost of Revenue
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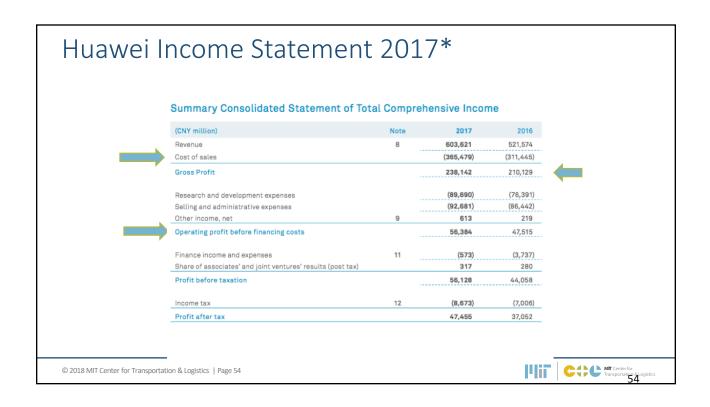






Revenue		
	Cost of Goods Sold (COGS)	
Gross Ma	rgin	
	Sales, General & Administration (SG&A)	
	Depreciation	
	Other Operating Expenses	
Operating	g Margin	
	Interest Expense	
Gross Pro	fit	
	Tax Expense	
Net Profit		
Key Meas		
Gross Ma		
EBIT	Earnings before interest and tax	
	= Operating Margin	
EBITDA	Earnings before interest, tax, depreciation and amortization	
	= Operating Margin + Depreciation and Amortization	

Ruenn	e+Nagel Income S	later	пеп	201	/	
	Income Statement					
	CHF million	Note	2017	2016		
	Net turnover	19	18,594	16,525		
	Net expenses for services from third parties		-11,571	-9,975		
	Gross profit	19	7,023	6,550		
	Personnel expenses	20	-4,243	-3,957		
	Selling, general and administrative expenses	21	-1,643	-1,525		
	Other operating income/expenses, net	22	13	42		
	EBITDA		1,150	1,110		
	Depreciation of property, plant and equipment	26	-172	-161		
	Amortisation of other intangibles	27	-41	-31		
	EBIT		937	918		
	Financial income	23	16	12		
	Financial expenses	23	-4	-3		
	Result from joint ventures and associates		6	8		
	Earnings before tax (EBT)		955	935		
	Income tax	24	-215	-215		
	Earnings for the year		740	720		



Income State	ement: Intel 2014				
	INTEL CORPORATION CONSOLIDATED STATEMENTS OF INCOME				
	Three Years Ended December 27, 2014 (In Millions, Except Per Share Amounts)	2014	2013	2012	
	Net revenue	\$ 55,870 20,261	\$ 52,708 21,187	\$ 53,341 20,190	
	Gross margin Research and development	35,609 11,537	31,521 10,611	33,151 10,148	
	Marketing, general and administrative	8,136 295	8,088 240	8,057	
	Amortization of acquisition-related intangibles		291 19,230	308	
	Operating income Gains (losses) on equily investments, net	15,347 411	<b>12,291</b> 471	<b>14,63</b> 8 141	
	Interest and other, net Income before taxes Provision for taxes	15,801	(151) 12,611 2,991	94 14,873 3,868	
	Net income	\$ 11,704	\$ 9,620	\$ 11,005	
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28.82       + 0.29(1.00%)       11 40AM EDT - Nasdaq Real Time Price         Income Statement       cet income Statement for:       Corr         View Annual Data   Quarterly Data       All numbers in thousands         Price Annual Data   Quarterly Data       Dec 31, 2013       Dec 31, 2013       Dec 31, 2013         View Annual Data   Quarterly Data       165, 229,000       156, 227,000       156, 228,000         Cost of Revenue       142, 121,000       137, 373,000       141, 443,000         Gross Porfit       13, 888,000       18, 084,000       10, 081,000         Monge Expenses       -       -       -         Total Operating Expenses Net       1,025,000       51,010,00       506,000         Expenses Revelopment Times       1,025,000       551,000       596,000 <th><b>28.82 *</b> 0.29 (1.00%) 11.40AM EDT - Nasdaq Real Time Price</th>	<b>28.82 *</b> 0.29 (1.00%) 11.40AM EDT - Nasdaq Real Time Price
View: Annual Data   Quarterly Data         All numbers in thousands           Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Period Ending         155, 229,000         155, 227,000         152, 2256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13, 808,000         18, 054,000         108, 013,000           Operating Expenses         Research Development         12, 156,000         12, 382,000         144, 031,000           Non Recurring         120,000         541,000         27, 145,000         127, 145,000         120,000         144,030,000         27, 145,000         103, 363,000         103, 363,000         103, 363,000         103, 363,000         104, 014,000         27, 145,000         103, 363,000         104, 014,000         27, 145,000         103, 363,000         104, 014,000         27, 145,000         103, 363,000         104, 014,000         27, 145,000         103, 363,000         103, 363,000         103, 363,000         103, 363,000         103, 363,000         103, 363,000         104, 314,000         27, 145,000         103, 363,000         104, 314,000         27, 145,000         103, 363,000         104, 314,000         27, 145,000         104, 314,000         27, 145,000         104, 314,000	
Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,888,000         18,054,000         108,13,000           Ferrating Expenses         -         -         -           Research Development         -         -         -           Selling General and Administrative         12,158,000         14,031,000         27,145,000           Others         -         -         -         -           Total Operating Expenses         -         -         -           Others         -         -         -           Total Operating Expenses         -         -         -           Total Other Income of Loss         1,530,000         5,131,000         (30,363,000)	Income Statement Oct Income Statement for: GO
Total Revenue         165,929,000         155,427,000         152,286,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,888,000         10,805,000         143,183,000           Operating Expenses         Selling General and Administrative         12,158,000         541,000         27,1465,000           Others         12,000,00         541,000         27,145,000         27,145,000         26,110,000         27,145,000           Others         0         5,131,000         (30,363,000)         10,035,000         20,000         5,131,000         (30,363,000)           Income from Continuing Operations         Total Other Income Expenses Net         1,025,000         851,000         595,000	
Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,868,000         18,054,000         10,813,000           Operating Expenses         12,158,000         12,382,000         14/,031,000           Non Recurring         12,020,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Total Operations         1,025,000         651,000         595,000	View: Annual Data   Quarterly Data All numbers in thousands
Gross Profit         13,808,000         18,054,000         10,813,000           Operating Expenses         -         -         -           Seling General and Administrative         12,158,000         12,382,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Income from Continuing Operations         -         -         -           Total Other Income Expenses Net         1,025,000         851,000         595,000	
Operating Expenses           Research Development         12,158,000         12,382,000         14,031,000           Selling General and Administrative         12,000         541,000         27,145,000           Others         10         10         27,145,000           Others         10         10         10           Total Operating Income From Continuing Operations         10,025,000         5130,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,255,000
Research Development         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         165,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000
Selling General and Administrative         12,158,000         12,382,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Operating Income or Loss         1,530,000         5,131,000         (30,363,000)           Income from Continuing Operations         -         -         -	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,888,000         18,054,000         10,813,000
Non Recurring         120,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Operating Income or Loss         1,530,000         6,131,000         (30,363,000)           Income from continuing Operations         -         -         -           Total Other Income Expenses Net         1,025,000         851,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,258,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,888,000         18,054,000         10,813,000
Others         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td>Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         18,084,000         10,813,000           Operating Expenses         Research Development         14         14,100</td>	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         18,084,000         10,813,000           Operating Expenses         Research Development         14         14,100
Operating Income or Loss         1,530,000         5,131,000         (30,383,000)           Income from Continuing Operations	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,829,000         155,427,000         152,258,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         18,064,000         10,813,000           Operating Expenses         Research Development         12,158,000         14,031,000
Total Other Income/Expenses Net 1,025,000 851,000 595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 929,000         155, 427,000         152, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13, 808,000         18, 064,000         10, 813,000           Selling General and Administrative         12, 156,000         12, 382,000         14, 031,000           Non Recurring         120,000         641,000         27, 145,000         127, 156,000
Total Other Income/Expenses Net         1,025,000         851,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,529,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         10,813,000         10,813,000           Seling General and Administrative         12,156,000         12,382,000         14,031,000           Non Recurring         120,000         541,000         27,145,000
	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 259,000         155, 427,000         152, 258,000           Gross Profit         13, 2013,000         141, 433,000           Gross Profit         13, 808,000         18, 843,000           Main Research Development         1         1           Selling General and Administrative         12, 158,000         141, 031,000           Non Recurring         120,000         1541,000         27, 145,000           Other Research         -         -         -
Earnings Before Interest and Taxes 4 649 000 7 792 000 (28 206 000)	Period Ending Total Revenue         Dec 31, 2014 155, 282, 000         Dec 31, 2013 155, 282, 000         Dec 31, 2013 155, 282, 000           Gross Profit         156, 282, 000         156, 282, 000         152, 285, 000           Gross Profit         13, 308, 000         187, 373, 000         141, 433, 000           Memory Ending Excensesi         -         -         -           Seting General and Administrative         12, 156, 000         12, 382, 000         144, 031, 000           Other Seting Expenses         -         -         -           Total Operating Expenses         -         -         -           Operating Income or Loss         1,530,000         5,131,000         (30,363,000)
	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,959,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         18,062,000         10,813,000           Development         12,158,000         14,031,000         10,813,000           Seling General and Administrative         12,158,000         14,031,000         27,145,000           Others         -         -         -         -           Total Operating Expenses         -         -         -           Income
	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 259, 000         156, 227, 000         152, 258, 000           Cost of Revenue         142, 121, 000         137, 373, 000         141, 43, 000           Gross Profit         13, 808, 000         18, 624, 000         163, 830, 000           Seling General and Administrative         12, 159, 000         14, 431, 000           Non Recurring         120, 000         14, 14, 000           Others         -         -           Total Operating Expenses         -
	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 828,000         156, 427,000         152, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13, 808,000         18, 054,000         18, 13,000           Main Recurring         12, 156,000         12, 382,000         14, 01,000           Non Recurring         120,000         14, 03,000         14, 03,000           Others         -         -         -           Others         -         -         -           Others         -         -         -           Total Operating Expenses         -         -         -           Total Operating Expenses Net         1,520,000         5,131,000         (30,363,000)           Income Func Continuing Operations         -         -         -           Total Other Income/Expenses Net         1,025,000         851,000         595,000           Earni
	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,252,000         156,427,000         152,258,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,888,000         18,084,000         141,443,000           Operating Expenses         12,158,000         12,382,000         141,443,000           Oth Recurring         120,000         142,382,000         144,031,000           Oth Recurring         120,000         12,382,000         144,031,000           Oth Recurring         120,000         12,382,000         144,031,000           Others         120,000         12,382,000         144,031,000           Others         120,000         12,382,000         144,031,000           Others         120,000         141,031,000         12,382,000           Others         120,000         541,000         22,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Total Operating Betroe Interest And Taxes         4,640,000         7,745,000         (28,206,000)           Interem Expense         403,000         34
Income Tax Expense 228,000 2,127,000 (34,831,000)	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,952,000         156,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,430,000           Gross Profit         13,808,000         18,064,000         10,813,000           Development         2,158,000         141,431,000           Non Recurring         120,000         12,382,000         141,431,000           Others         -         -         -           Total Operating Expenses         1,025,000         581,000         595,000           Earnings Expenses         4,040,000         7,742,000         (28,206,000)           Interest Expense         403,000         334,000         489,000           Incorem Eark Expense
Interest Expense 403,000 334,000 489,000	Period Ending Total Revenue         Dec 31, 2014 155, 222,000         Dec 31, 2013 156, 427,000         Dec 31, 2012 156, 427,000           Cost of Revenue         142, 121,000         1137,373,000         114,144,000           Gross Profit         13,808,000         18,084,000         108,132,000           Gross Profit         13,808,000         18,084,000         10,813,000           Mon Recurring Others         12,158,000         12,382,000         14,031,000           Operating Expenses         541,000         27,145,000         27,145,000           Operating Expenses         -         -         -           Total Operating Expenses         -         -         -           Operating Income or Loss         1,530,000         6,131,000         (30,385,000)
Income Before Tax 4 246 000 7 458 000 (28 695 000)	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 322,000         155, 427,000         152, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13, 380,000         168, 064,000         10, 313,000           Persing Expenses         -         -         -           Research Development         -         -         -           Seling Coneral and Administrative         12, 150,000         12, 382,000         14, 031,000           Others         -         -         -         -           Total Operating Expenses         -         -         -           Total Operating Expenses Net         1,025,000         651,000         595,000           Earnings Before Interest And Taxes         4,049,000         77,792,000         (28,200,000)           Interest Expense         403,000         334,000         489,000
	Period Ending Total Revenue         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 427,000         155, 427,000         155, 427,000         155, 427,000           Cost of Revenue         142,121,000         137,373,000         141,143,000         10,813,000           Gross Profit         13,808,000         18,064,000         10,813,000         10,813,000           Persing Expenses         -         -         -         -           Research Development         -         -         -         -           Seling Greenal and Administrative         12,150,000         12,382,000         14,031,00           Others         -         -         -         -         -           Total Operating Expenses         -         -         -         -         -           Total Operating Expenses         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -
IICONG DEVICE BAN 7,2000 7,000 (20,000,000)	Period Ending Total Revenue         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 222,000         1152, 225,000         1252, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 143,000           Gross Profit         13,808,000         18, 854,000         10,813,000           Persing Expenses         -         -         -           Research Development         -         -         -           Seling Greenal and Administrative         12,150,000         12,382,000         14,031,000           Others         -         -         -         -           Total Operating Expenses         -         -         -           Total Operating Expenses Net         1,532,000         541,000         695,000           Earnings Before Interest And Taxes         4,649,000         7,792,000         (28,206,000)           Interest Expense         403,000         3334,000         489,000
	Period Ending Total Revenue         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,822,000         155,427,000         152,255,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         18,085,000         18,084,000         18,083,000           Periading Expenses         -         -           Research Development         12,158,000         12,382,000         14,031,000           Oth Recurring         120,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Total Operating Expenses         -         -         -           Total Operating Expenses         1,530,000         6,131,000         (30,363,000)           Others         -         -         -         -           Total Operating Expenses Net         1,025,000         (28,208,000)         (28,208,000)           Earnings Before Interest And Taxes         4,649,000         7,782,000         (28,208,000)           Interest Expense         4033,000         334,000         489,000           Income Before Tax         4,246,000
Income Tax Expense 228,000 2,127,000 (34,831,000)	Period Ending Total Revenue         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,822,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,806,000         18,084,000         18,03,000           Periading Expenses         -         -         -           Research Development         -         -         -           Seling General and Administrative         121,158,000         123,882,000         140,31,000           Others         -         -         -         -           Total Operating Expenses         -         -         -         -           Total Operating Expenses         -         -         -         -           Total Operating Expenses         -         -         -         -           Total Operating Expenses Net         1,025,000         551,000         595,000           Earning Selore Interest And Taxes         4,646,000         7,745,000         628,0600           Interest Expense         403,000         334,000         469,000           Incorres Braix         4,246,000         7,455,000         (28,895,000)
	Period Ending Total Revenue         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Cost of Revenue         155, 427,000         152, 256,000         152, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13, 868,000         180, 864,000         1081,300           Deparating Expenses
	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 228,000         155, 228,000         152, 286,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13, 868,000         16, 864,000         10, 813,000           Cost of Revenue         12, 158,000         16, 248,000         10, 813,000           Gross Profit         13, 868,000         10, 813,000         14, 031,000           Seling General and Administrative         12, 158,000         12, 382,000         14, 031,000           Non Recurring         120,000         154,000         27, 145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Volta Operating Expenses         -         -         -           Total Operating Expenses         -         -         -
	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 259, 000         156, 427, 000         152, 256, 000           Cost of Revenue         142, 121, 000         137, 373, 000         141, 443, 000           Gross Profit         13, 808, 000         18, 864, 000         10, 813, 000           Operating Expenses         12, 156, 000         12, 382, 000         14, 031, 000           Non Recurring         120, 000         14, 031, 000         27, 145, 000           Other ating Expenses         -         -         -           Total Operating Expenses         -         -         -           Operating Income or Loss         1, 530, 000         5, 131, 000         (30, 363, 000)           Income from Continuung Operations         -         -         -           Total Other Income/Expenses Net         1, 025, 000         595, 000           Earning Shore Interest And Taxes         4, 649, 000         7, 752, 000         (28, 206, 000)
	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,282,000         156,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,868,000         16,844,000         10,813,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,868,000         10,813,000         10,813,000           Marcine Search Development         -         -         -           Selling Ceneral and Administrative         12,158,000         12,382,000         14,031,000           Others         -         -         -         -           Total Operating Expenses         -         -         -         -           Total Operating Expenses         -         -         -         -         -           Operating Expenses         -         -         -         -         -         -           Total Operating Expenses         -         -         -         -         -         -           Operating Expenses         -         -         -         -         -         -         -         -<
	Period Ending Total Revenue         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Cost of Revenue         155, 427,000         155, 427,000         152, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13, 806,000         18, 064,000         10, 0813,000           Messand Information         12, 152,000         12, 382,000         144, 001,000           Selling General and Administrative         12, 152,000         12, 382,000         144,031,000           Non Recurring         120,000         541,000         27, 145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Operating Expenses         -         -         -         -           Total Operating Expenses Net         1,025,000         551,000         595,000
	Period Ending Total Revenue         Dec 31, 2014 155, 322,000         Dec 31, 2013 155, 427,000         Dec 31, 2012           Cost of Revenue         142, 121,000         137,373,000         142, 265,000           Gross Profit         13,806,000         16,064,000         10,813,000           Operating Expenses         -         -         -           Research Development         -         -         -           Seling General and Administrative         12,156,000         141,030,00         27,145,000           Others         -         -         -         -           Total Operating Expenses         -         -         -           Total Operating Expenses         -         -         -           Operating Expenses         -         -         -           Total Operating Expenses         -         -         -           Incorme from C
Earnings Before Interest And Taxes 4 649 000 7 792 000 (28 206 000)	Period Ending Total Revenue         Dec 31, 2014 155, 322,000         Dec 31, 2013 155, 427,000         Dec 31, 2012           Cost of Revenue         142, 121,000         137,373,000         142, 226,000           Cost of Revenue         142, 121,000         137,373,000         141,443,000           Gross Profit         13,808,000         16,064,000         10,813,000           Deparating Expenses         -         -         -           Research Development         -         -         -           Seling General and Administrative         12,158,000         14,031,00         27,145,000           Others         -         -         -         -           Total Operating Expenses         -         -         -           Income from Continuing Operations         -         -         -
Earnings Refore Interest And Taxes 4 649 000 7 792 000 (28 206 000)	Period Ending Total Revenue         Dec 31, 2014 155, 227,000         Dec 31, 2013 155, 227,000         Dec 31, 2012           Cost of Revenue         145, 227,000         145, 227,000         142, 226,000           Cost of Revenue         124, 212,000         137, 373,000         141, 443,000           Gross Profit         13,808,000         18,084,000         10,813,000           Mon Recurring Others         -         -         -           Total Operating Expenses         -         -         -           Operating Income or Loss         1,530,000         6,131,000         (30,383,000)
	Period Ending Total Revenue         Dec 31, 2014 155, 227,000         Dec 31, 2013 155, 427,000         Dec 31, 2012           Cost of Revenue         145, 427,000         1165, 427,000         1162, 256,000           Gross Profit         13,806,000         18,084,000         141,414,000           Gross Profit         13,806,000         18,084,000         10,813,000           Non Recurring Other S         12,156,000         12,382,000         14,031,000           Other S         12,000         541,000         27,145,000           Operating Expenses         -         -         -           Total Operating Expenses         -         -         -           Operating Expenses         -         -         -
	Period Ending Total Revenue         Dec 31, 2014 155, 227,000         Dec 31, 2013 155, 427,000         Dec 31, 2012 155, 427,000           Cost of Revenue         142, 121,000         135, 327,000         144, 430,000           Gross Profit         13,808,000         18,084,000         10,813,000           Gross Profit         13,808,000         18,084,000         14,013,000           Mon Recurring         12,150,000         12,382,000         14,031,000           Otherses         12,000         541,000         27,145,000           Otherses         -         -         -           Total Operating Expenses         -         -         -
Total Other Income/Expenses Net         1,025,000         851,000         595,000	Period Ending Total Revenue         Dec 31, 2014 155, 222,000         Dec 31, 2013 155, 427,000         Dec 31, 2012 155, 427,000           Gost of Revenue         145, 427,000         1162, 256,000           Gross Profit         13, 3080,000         18, 084,000           Operating Expenses         12, 158,000         14, 031,000           Non Recurring         12, 158,000         12, 322,000         14, 031,000           Other Research Development         12, 158,000         12, 322,000         14, 031,000           Non Recurring         120,000         541,000         27, 145,000           Others         -         -         -
Total Other Income/Expenses Net         1,025,000         851,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         18,864,000         10,813,000           Operating Expenses         -         -         -           Research Development         12,158,000         14,031,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -
Total Other Income/Expenses Net         1,025,000         851,000         595,000	Period Ending Total Revenue         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Cost of Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         10,813,000         10,813,000           Selling General and Administrative Non Recurring         12,156,000         12,382,000         14,031,000           Others         12,000         251,100         27,145,000         00,000
Total Other Income/Expenses Net         1,025,000         851,000         595,000	Period Ending Total Revenue         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Cost of Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         10,813,000         10,813,000           Selling General and Administrative Non Recurring         12,156,000         12,382,000         14,031,000           Others         12,000         251,100         27,145,000         00,000
Total Other Income/Expenses Net         1,025,000         851,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         10,813,000         10,813,000           Period Ending Expenses         12,158,000         14,031,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -
Total Other Income/Expenses Net         1,025,000         851,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         10,813,000         10,813,000           Period Ending Expenses         12,158,000         14,031,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -
Total Other Income/Expenses Net 1,025,000 851,000 595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         10,813,000         10,813,000           Period Ending Expenses         12,158,000         14,031,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -
Total Other Income/Expenses Net 1,025,000 851,000 595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         10,813,000         10,813,000           Period Ending Expenses         12,158,000         14,031,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -
Operating Income or Loss         1,530,000         5,131,000         (30,383,000)           Income from Continuing Operations	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155 928 000         155, 427,000         152, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13,808,000         18,054,000         10,813,000           Besearch Development         12,152,000         12,382,000         140,31,000           Non Recurring         120,000         541,000         27,145,000
Total Operating Expenses         -         -           Operating Income or Loss         1,530,000         5,131,000         (30,363,000)           Income from Continuing Operations         -         -         -         -           Total Other Income/Expenses Net         1,025,000         851,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,822,000         155,427,000         152,255,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,805,000         18,804,000         18,804,000           Persenting Expenses         12,158,000         12,382,000         14,031,000
Total Operating Expenses         -         -           Operating Income or Loss         1,530,000         5,131,000         (30,363,000)           Income from Continuing Operations         -         -         -         -           Total Other Income/Expenses Net         1,025,000         851,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         18,054,000         10,813,000           Depending Expenses         Research Development         1         1         1
Others         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td>Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         197,373,000         141,443,000           Gross Profit         13,808,000         18,054,000         10,813,000           Depending Expenses         Research Development         1         1         1</td>	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         197,373,000         141,443,000           Gross Profit         13,808,000         18,054,000         10,813,000           Depending Expenses         Research Development         1         1         1
Others         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td>Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 229,000         155, 427,000         152, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13,808,000         18,854,000         10,813,000</td>	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 229,000         155, 427,000         152, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13,808,000         18,854,000         10,813,000
Non Recurring         120,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Operating Income or Loss         1,530,000         6,131,000         (30,363,000)           Income from continuing Operations         -         -         -           Total Other Income Expenses Net         1,025,000         851,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 229,000         155, 427,000         152, 256,000           Cost of Revenue         142, 121,000         137, 373,000         141, 443,000           Gross Profit         13,808,000         18,854,000         10,813,000
Selling General and Administrative         12,158,000         12,382,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Operating Income or Loss         1,530,000         5,131,000         (30,363,000)           Income from Continuing Operations         -         -         -	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,808,000         18,054,000         10,813,000
Research Development         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	Period Ending         Dec 31,2014         Dec 31,2013         Dec 31,2012           Total Revenue         155,525,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000
Operating Expenses           Research Development         12,158,000         12,382,000         14,031,000           Selling General and Administrative         12,000         541,000         27,145,000           Others         10         27,145,000         12,03,000         12,03,000           Others         1         10,000         541,000         12,03,000           Operating Income or Loss         1,530,000         5,131,000         (30,363,000)           Income from Continuing Operations         Total Other Income Expenses Net         1,025,000         851,000         595,000	Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155, 929,000         155, 427,000         152, 256,000
Gross Profit         13,808,000         18,054,000         10,813,000           Operating Expenses         -         -         -           Seling General and Administrative         12,158,000         12,382,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Income from Continuing Operations         -         -         -           Total Other Income Expenses Net         1,025,000         851,000         595,000	Period Ending Dec 31, 2014 Dec 31, 2013 Dec 31, 2012
Gross Profit         13,808,000         18,054,000         10,813,000           Operating Expenses         -         -         -           Seling General and Administrative         12,158,000         12,382,000         14,031,000           Non Recurring         120,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Income from Continuing Operations         -         -         -           Total Other Income Expenses Net         1,025,000         851,000         595,000	
Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,868,000         18,054,000         10,813,000           Operating Expenses         12,158,000         12,382,000         14/,031,000           Non Recurring         12,020,000         541,000         27,145,000           Others         -         -         -           Total Operating Expenses         -         -         -           Total Operations         1,025,000         651,000         595,000	
Total Revenue         165,929,000         155,427,000         152,286,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,888,000         10,805,000         143,183,000           Operating Expenses         Selling General and Administrative         12,158,000         541,000         27,1465,000           Others         12,000,00         541,000         27,145,000         27,145,000         26,110,000         27,145,000           Others         0         5,131,000         (30,363,000)         10,336,000         20,336,000         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,336,000         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,00         20,300,	
Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,888,000         18,054,000         108,13,000           Ferrating Expenses         -         -         -           Research Development         -         -         -           Selling General and Administrative         12,158,000         12,082,000         14,031,000           Others         -         -         -         -           Total Operating Expenses         -         -         -           Others         -         -         -           Total Operating Expenses         -         -         -           Total Other Income of Loss         1,530,000         5,131,000         (30,363,000)	
Period Ending         Dec 31, 2014         Dec 31, 2013         Dec 31, 2012           Total Revenue         155,929,000         155,427,000         152,256,000           Cost of Revenue         142,121,000         137,373,000         141,443,000           Gross Profit         13,888,000         18,054,000         108,13,000           Ferrating Expenses         -         -         -           Research Development         -         -         -           Selling General and Administrative         12,158,000         12,082,000         14,031,000           Others         -         -         -         -           Total Operating Expenses         -         -         -           Others         -         -         -           Total Operating Expenses         -         -         -           Total Other Income of Loss         1,530,000         5,131,000         (30,363,000)	Income Statement Get Income Statement for. GO

# Balance Sheet Reports the financial condition of the business <u>at ONE</u> <u>point in time</u> Assets (something owned of measured value...but not always material) Liabilities (a claim against the assets)

### **Balance Sheet** Balance Sheet presents the financial condition of the business: At one point in time • Comprised of 2 'sides' that must be in balance: • • 1. Assets (something owned of measure value.....but not always material) 2. Liabilities and Equity (a claim against the assets) • Assets always equals Liabilities and Equity • Assets are recorded at the transaction (or book) value, not market value • There are different methods of valuing inventory (LIFO, FIFO) MIT Center for Transportation %Lo © 2018 MIT Center for Transportation & Logistics | Page 58

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Liabilities	
<ul> <li>Current Liabilities: obligations to be paid in the next accounting per</li> <li>Accounts Payable</li> <li>Accrued Expenses – an expense before it is paid (wages, interest in loans, so Notes Payable, Short-term Bank Debt (line of credit)</li> </ul>	
<ul><li>Long-term Liabilities</li><li>Debt (bonds, mortgage)</li></ul>	
<ul> <li>Equity (Owner's Equity): capital, funding for the firm from sources of Paid-in-capital (from initial investments)</li> <li>Retained Earnings (company income)</li> </ul>	other than liabilities
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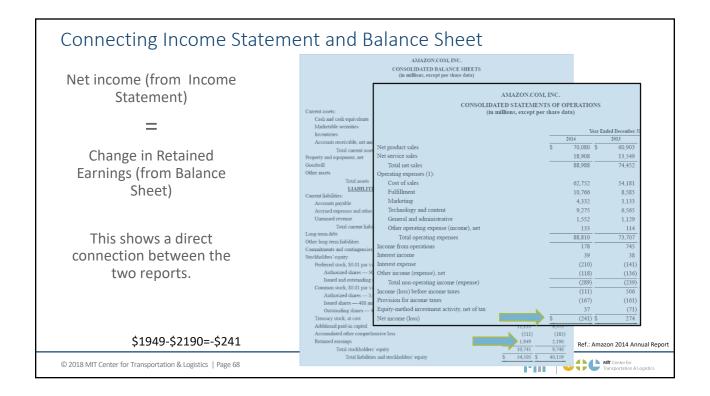
Balance Sheet	et Asso			
CHF million	Note	Dec. 31, 2017	Dec. 31, 2016	
Assets				
Property, plant and equipment	26	1,249	1,127	
Goodwill	27	849	758	
Other intangibles	27	96	82	
Investments in joint ventures	28	31	27	
Deferred tax assets	24	220	215	
Non-current assets		2,445	2,209	
Assets held for sale	26	-	66	
Prepayments		128	106	
Work in progress	29	418	300	
Trade receivables	30	3,537	2,605	
Other receivables	31	132	140	
Income tax receivables	31	77	64	
Cash and cash equivalents	32/33	720	841	
Current assets		5,012	4,122	
Total assets		7,457	6,331	

CHF million	Note	Dec. 31, 2017	Dec. 31, 2016	
Liabilities and equity				
Share capital		120	120	
Reserves and retained earnings		1,464	1,322	
Earnings for the year		737	718	
Equity attributable to the equity holders of the parent company		2,321	2,160	
Non-controlling interests		6	5	4
Equity	34	2,327	2,165	
Provisions for pension plans and severance payments	35	430	407	
Deferred tax liabilities	24	128	165	
Finance lease obligations	38	4	7	
Non-current provisions	40	58	60	
Non-current liabilities		620	639	
Bank and other interest-bearing liabilities	37/38	14	8	
Trade payables	39	1,890	1,544	
Accrued trade expenses/deferred income	39	1,493	968	
Income tax liabilities		133	108	
Current provisions	40	66	75	
Other liabilities	41	914	824	
Current liabilities		4,510	3,527	
Total liabilities and equity		7.457	6.331	

Summary Consolidated Statement of	of Financial Pos	sition		
		December 31,	December 31,	
(CNY million)	Note	2017	2016	
Assets				
Goodwill and intangible assets	14	5,327	4,795	
Property, plant and equipment	15	56,089	49,307	
Long-term leasehold prepayments	16	5,152	4,112	
Interests in associates and joint ventures	17	750	484	
Other investments, including derivatives	18	5,965	3,003	
Deferred tax assets	19	18,565	16,933	
Trade receivables	21	2,451	3,776	
Other assets	22	5,665	5,722	
Non-current assets		99,964	88,132	
Inventories	20	72,352	73,976	
Trade and bills receivable	21	107,595	107,957	
Other assets	22	25,371	27,916	
Other investments, including derivatives	18	24,596	22,606	
Cash and cash equivalents	23	175,347	123,047	
Current assets		405,261	355,502	
Total assets		505,225	443,634	

Equity				
Equity attributable to equity holders of the Company		175,585	140,094	
Non-controlling interests		31	39	
Total equity		175,616	140,133	
Liabilities				
Loans and borrowings	24	38,338	40,867	
Long-term employee benefits		19,073	19,652	
Deferred government grants		1,340	1,534	
Deferred tax liabilities	19	1,471	1,104	
Other liabilities	26	1,702	1,073	
Non-current liabilities		61,924	64,230	
Loans and borrowings	24	1,587	3,932	
Income tax payable		4,390	4,100	
Trade and bills payable	25	72,866	71,134	
Other liabilities	26	168,609	145,448	
Provisions	27	20,233	14,657	
Current liabilities		267,685	239,271	
Total liabilities		329,609	303,501	
Total equity and liabilities		505,225	443,634	

Balance Sheet	: Intel 2014				
	INTEL CORPORATION CONSOLIDATED BALANCE SHEETS				
	December 27, 2014, and December 28, 2013 (In Millions, Except Par Value)	2014	2013		
	Assets Current assets:				
·	Cash and cash equivalents	2,430	5,972		
	Trading assets . Accounts receivable, net of allowance for doubtful accounts of \$38 (\$38 in 2013) Inventories	. 4,427	3,582		
	Deferred tax assets	1,958	2,594		
	Total current assets	33,238	31,428		
	Marketable equity securities Other long-term investments Goodwill	2,023	1,473		
	Identified intangible assets, net Other long-term assets	4,446	5,150		
	Total assets	\$ 91,956	\$ 92,358		
	Current liabilities: Short-term debt Accounts pavable				
	Accounts parameters Accrued compensation and benefits Accrued advertising	3,475	3,123		
	Deferred income	4,895	4,078		
	Total current liabilities     Long-term debt.     Long-term debt.	12,107	13,165		
	Long-term deferred tax liabilities Other long-term liabilities Commitments and contingencies (Notes 17 and 25)	3,278			
	Temporary equily. Stockholders' equily. Preferred stock, \$0.001 par value, 50 shares authorized; none issued		-		
	Common stock, \$0.001 par value, 10,000 shares authorized; 4,752 shares issued and 4,748 shares outstanding (4,967 issued and outstanding in 2013) and capital in excess of par value	. 21,781			
	Accumulated other comprehensive income (loss) Rotained earnings Totai stockholders' equity	33,418	35,477		
	Total liabilities, temporary equity, and stockholders' equity	\$ 91,956	\$ 92,358		1
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## Gross Margin versus Operating Margin

**Gross Margin**: Measures the ability of the firm to produce a product at a cost in comparison to the revenue derived from selling that product.

Total sales revenue - Cost of goods sold (COGS)

Total sales revenue

Gross Margin compares production efficiency

**Operating Margin**: Measures the ability of the firm to produce, market, sell and deliver a product at a cost in comparison to the revenue derived from selling that product. (How much is left over after paying for materials and direct wages to make the product?)

Total sales revenue – Total Material and Operating Costs

Total sales revenue

**Operating Margin** compares pricing and operational efficiency

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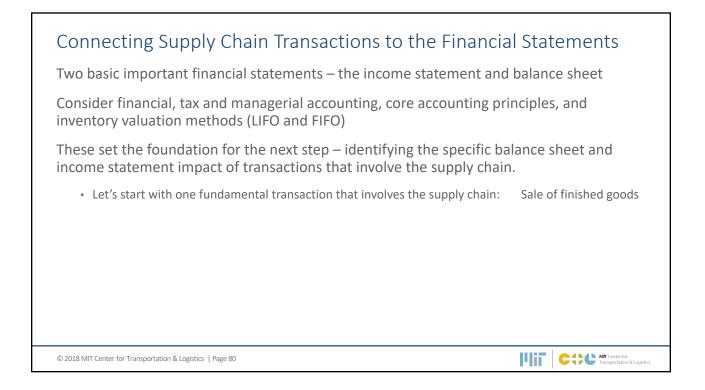
Transportation %

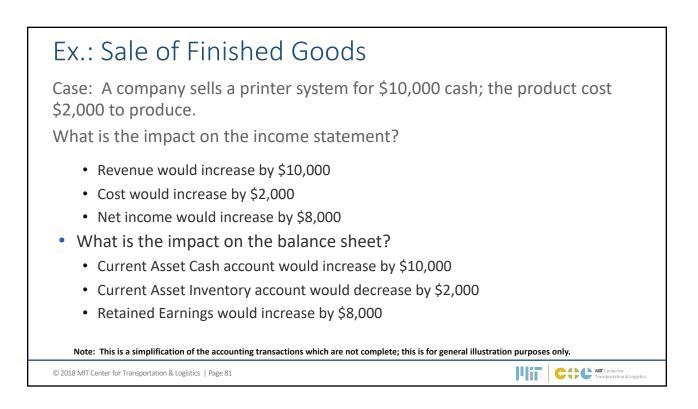
# **Key Points**

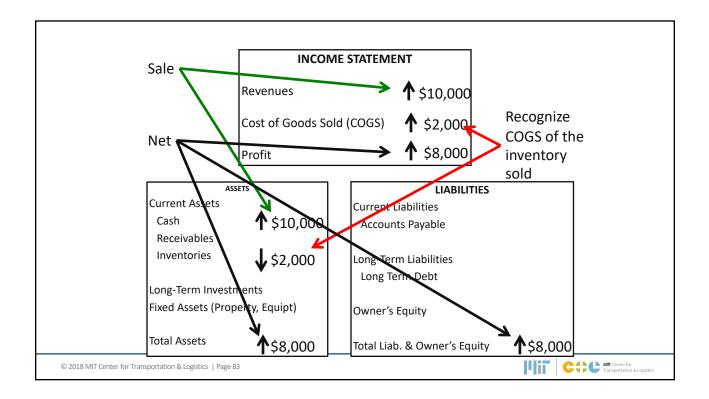
- The Income Statement provides a summary of the flows in (revenue) and out (expenses) of the firm over a period of time; the net difference between the revenue and expense being the profit or loss of the firm.
- The Balance Sheet gives a snapshot of the assets and obligations of the firm at a single moment in time.
- Together, the Income Statement and Balance Sheet provide a basic but not complete understanding of the performance of the firm.

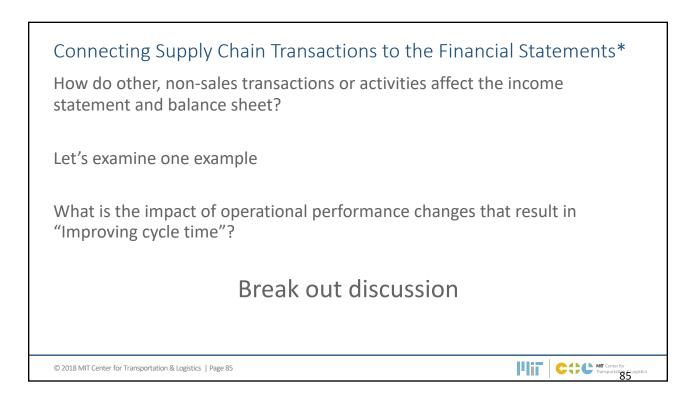
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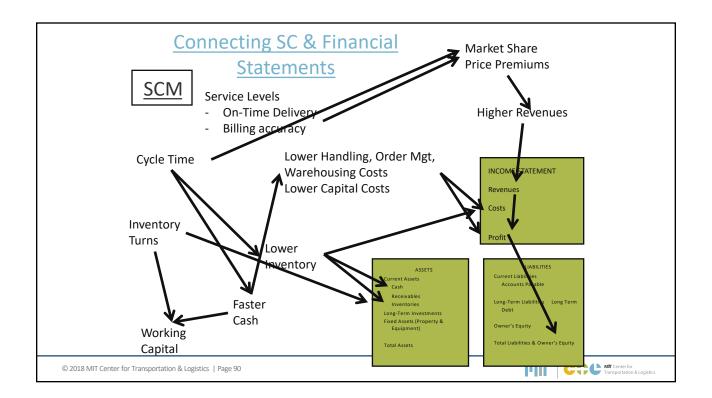






Connect the Dots: Improving Cycle Time#
<ul> <li>Improving cycle time: Product is produced/delivered faster</li> <li>Can fulfill order earlier → better service → marketplace advantage → more sales or higher price → higher revenue <ul> <li>Can bill earlier → Get paid sooner → lower working capital → Cash sooner, Accounts Receivable lower</li> <li>Cash sooner → lower working capital → lower financing cost</li> </ul> </li> <li>Could increase operational capacity (produce more in the same amount of time) → sell more → increase revenue, maybe margin <ul> <li>Can sell additional capacity for higher revenue, more margin</li> </ul> </li> <li>Need for shorter period of time → fewer resources → lower cost (if resources are reduced or redeployed)</li> <li>Less work in process <ul> <li>Lower WIP inventory → lower working capital requirement</li> <li>Detect problems faster → higher quality → lower cost (less waste)</li> </ul> </li> <li>Possible cost increase to achieve faster cycle time <ul> <li>How was the cycle time improvement achieved?</li> </ul> </li> </ul>
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SCM Impact	Linkage	Linkage	Financial Report
Order Cycle Time	Faster Cash Cycle		Cash, Accts Receivable
	Lower Invty Req't	Lower Capital Costs	Costs
	Less Handling	Lower Assets Lower Warehouse Costs	Current Assets Costs
	Competitive Advtg.	Higher Market Share Revenue	0303
	competitive Aurig.	Price Premiums	Revenue
On-Time Orders	Higher Cust. Sat.	Competitive Advantage	Revenue
	Reduce Delays	Lower Transportation Costs	Costs
As-ordered Orders	Higher Fill Rate	Faster Cash (no deductions)	Cash, Accts Receivable
Accurate Billing	Red Invoice Errors	Lower Order Mgt. Costs	Costs
Inventory Turns	Lower Assets		Assets
	Lower Invty Req't	Lower Capital Costs	Costs
		Lower Assets	Current Assets
	Less Handling Fewer DCs Req'd	Lower Warehouse Costs Lower PPE	Costs LT Assets



# **Key Points**

One can connect supply chain transactions directly to the income statement and the balance sheet

These enable the supply chain leader to communicate with company leaders in the language of business – finance

There is great power in developing the ability to communicate with business leaders in their language – and this is based on a solid understanding of the fundamental accounting concepts, principles and practical application in the supply chain

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