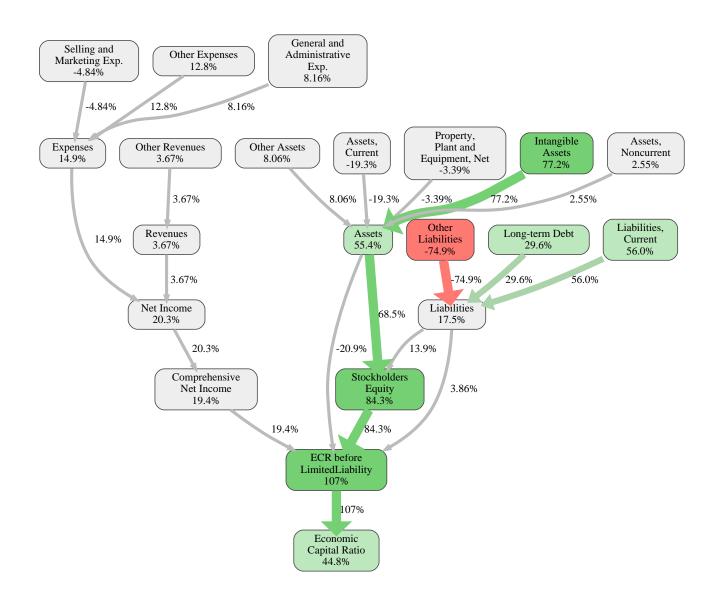


SERVICES-PREPACKAGED SOFTWARE 2020



PTC INC. Rank 52 of 127





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The relative strengths and weaknesses of PTC INC. are analyzed with respect to the market average, including all of its competitors. We analyzed all variables having an effect on the Economic Capital Ratio.

The greatest strength of PTC INC. compared to the market average is the variable Stockholders Equity, increasing the Economic Capital Ratio by 84% points. The greatest weakness of PTC INC. is the variable Other Liabilities, reducing the Economic Capital Ratio by 75% points.

The company's Economic Capital Ratio, given in the ranking table, is 376%, being 45% points above the market average of 332%.

Input Variable	Value in 1000 USD
Assets, Current	782,621
Assets, Noncurrent	140,130
General and Administrative Exp.	127,919
Intangible Assets	1,408,128
Liabilities, Current	638,155
Long-term Debt	102,495
Other Assets	228,178
Other Compr. Net Income	-25,125
Other Expenses	491,140
Other Liabilities	721,940
Other Net Income	305
Other Revenues	1,255,631
Property, Plant and Equipment, Net	105,531
Research and Development Exp.	246,888
Selling and Marketing Exp.	417,449

Output Variable	Value in 1000 USD
Liabilities	1,462,590
Assets	2,664,588
Expenses	1,283,396
Revenues	1,255,631
Stockholders Equity	1,201,998
Net Income	-27,460
Comprehensive Net Income	-52,585
ECR before LimitedLiability	190%
Economic Capital Ratio	376%

