



Featured Stocks in May's Most Attractive/Most Dangerous Model Portfolios

10 new stocks make our Most Attractive list this month, and eight new stocks fall onto the Most Dangerous list this month. May's Most Attractive and Most Dangerous stocks were made available to members on May 2, 2019.

Get the best fundamental research

The successes of these model portfolios highlight the value of our machine learning and AI [Robo-Analyst technology](#)¹, which helps clients fulfill the [fiduciary duty of care](#) and make smarter investments².

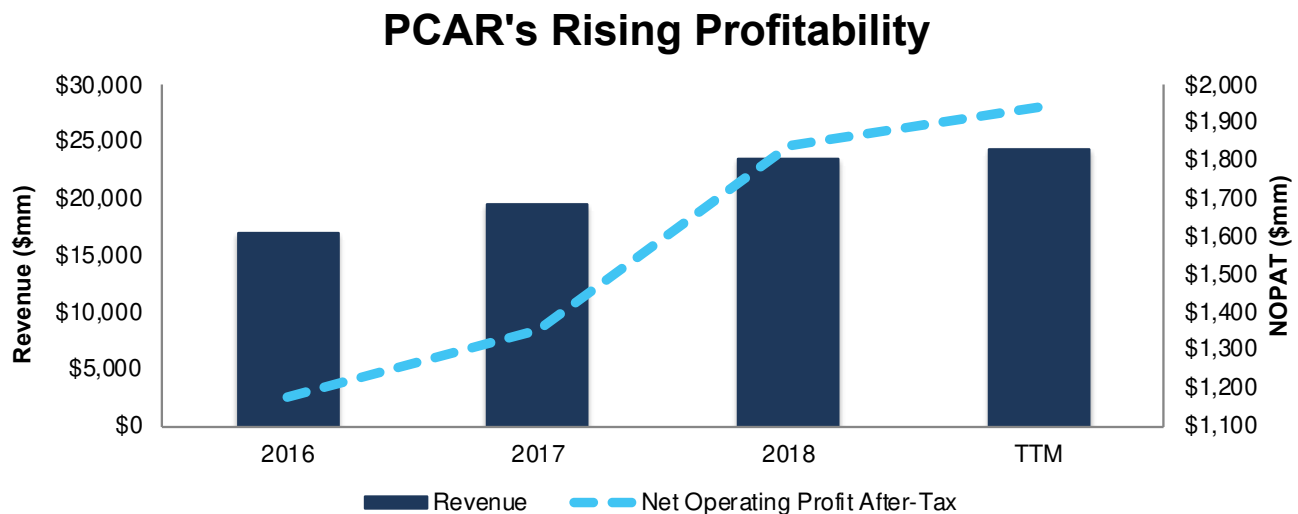
Our Most Attractive stocks have high and rising returns on invested capital (ROIC) and low [price to economic book value ratios](#). Most Dangerous stocks have [misleading earnings](#) and long [growth appreciation periods](#) implied by their market valuations.

Most Attractive Stocks Feature for May: PACCAR Inc. (PCAR: \$69/share)

PACCAR Inc. (PCAR) is the featured stock from May's [Most Attractive Stocks Model Portfolio](#).

Since 2016, PCAR has grown revenue by 17% and after-tax operating profit (NOPAT) by 25% compounded annually. PCAR's \$1.9 billion NOPAT over the trailing twelve months (TTM) is up 20% over the prior TTM period. Profit growth has been fueled by rising NOPAT margins, which are up from 7% in 2016 to 8% TTM. PCAR's return on invested capital (ROIC) has improved from 14% to 19% over the same time.

Figure 1: PCAR Revenue & NOPAT Since 2016



Sources: New Constructs, LLC and company filings

PCAR Valuation Provides Significant Upside

At its current price of \$69/share, PCAR has a price-to-economic book value (PEBV) ratio of 1.0. This ratio means the market expects PCAR's NOPAT never to grow from its current level. This expectation seems overly pessimistic for a firm that has grown NOPAT by 8% compounded annually since 1998.

¹ Harvard Business School features the powerful impact of our research automation technology in the case [New Constructs: Disrupting Fundamental Analysis with Robo-Analysts](#).

² Ernst & Young's recent white paper "[Getting ROIC Right](#)" demonstrates the superiority of our stock research and analytics.



If PCAR can maintain TTM NOPAT margins (8%) and grow NOPAT by just 4% compounded annually for the next decade, the stock is worth \$83/share today – a 20% upside. [See the math behind this dynamic DCF scenario.](#)

Critical Details Found in Financial Filings by Our [Robo-Analyst Technology](#)

As investors [focus more](#) on fundamental research, research automation technology is needed to analyze all the critical financial [details in financial filings](#). Below are specifics on the adjustments we make based on Robo-Analyst findings in PACCAR's 2018 10-K:

Income Statement: we made \$374 million of adjustments, with a net effect of removing \$354 million in [non-operating expenses](#) (2% of revenue). You can see all the adjustments made to PCAR's income statement [here](#).

Balance Sheet: we made \$5.9 billion of adjustments to calculate invested capital with a net decrease of \$1.9 billion. One of the largest adjustments was \$1.2 billion in [deferred tax](#). This adjustment represented 11% of reported net assets. You can see all the adjustments made to PCAR's balance sheet [here](#).

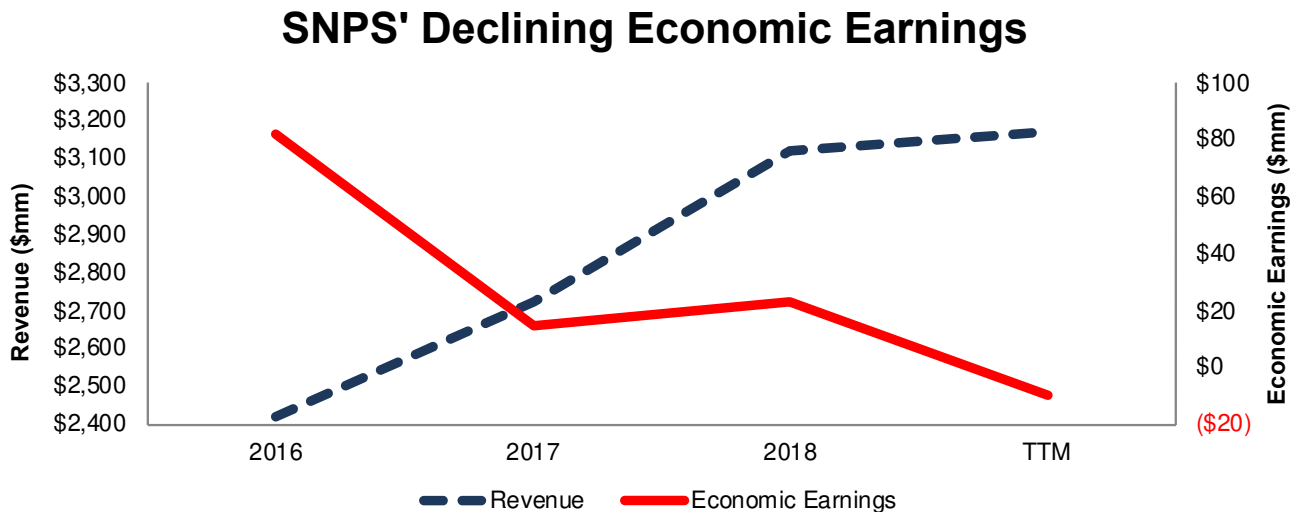
Valuation: we made \$3.2 billion of adjustments with a net effect of increasing shareholder value by \$2.1 billion. The largest adjustment to shareholder value was \$2.6 billion in [excess cash](#). This adjustment represents 11% of PCAR's market cap. See all adjustments to PCAR's valuation [here](#).

Most Dangerous Stocks Feature: Synopsys Inc. (SNPS: \$120/share)

Synopsys Inc. (SNPS) is the featured stock from May's [Most Dangerous Stocks Model Portfolio](#).

Since 2016, SNPS has grown revenue by 14% compounded annually. However, economic earnings, the true cash flows of the business, have declined from \$82 million in 2016 to -\$10 million TTM. SNPS may be growing revenue, but it's getting worse at turning that revenue into profit. SNPS' NOPAT margins fell from 12% in 2016 to 11% TTM while its ROIC fell from 9% to 7% over the same time.

Figure 2: SNPS' Economic Earnings Since 2016



Sources: New Constructs, LLC and company filings

SNPS Provides Poor Risk/Reward

Despite the deterioration in fundamentals, SNPS is still priced for significant profit growth and is overvalued.

To justify its current price of \$120/share, SNPS must maintain TTM margins (11%) and grow NOPAT by 15% compounded annually for the next 13 years. [See the math behind this dynamic DCF scenario.](#) This expectation seems lofty given that SNPS has grown NOPAT by just 6% compounded annually over the past decade.

Even if SNPS can maintain TTM margins and grow NOPAT by 8% compounded annually for the next decade, the stock is worth just \$52/share today – a 57% downside. [See the math behind this dynamic DCF scenario.](#)



Critical Details Found in Financial Filings by Our [Robo-Analyst Technology](#)

As investors [focus more](#) on fundamental research, research automation technology is needed to analyze all the critical financial [details in financial filings](#). Below are specifics on the adjustments we make based on Robo-Analyst findings in Synopsys' 2018 10-K:

Income Statement: we made \$306 million of adjustments, with a net effect of removing \$104 million in [non-operating income](#) (3% of revenue). You can see all the adjustments made to SNPS' income statement [here](#).

Balance Sheet: we made \$3.2 billion of adjustments to calculate invested capital with a net increase of \$791 million. One of the largest adjustments was \$463 million in [goodwill](#). This adjustment represented 11% of reported net assets. You can see all the adjustments made to SNPS' balance sheet [here](#).

Valuation: we made \$1.7 billion of adjustments with a net effect of decreasing shareholder value by \$880 million. The largest adjustment to shareholder value was \$437 million in [off-balance-sheet operating leases](#). This adjustment represents 2% of SNPS' market cap. See all adjustments to SNPS' valuation [here](#).

This article originally published on [May 9, 2019](#).

Disclosure: David Trainer and Kyle Guske II receive no compensation to write about any specific stock, style, or theme.

Follow us on [Twitter](#), [Facebook](#), [LinkedIn](#), and [StockTwits](#) for real-time alerts on all our research.



New Constructs® - Research to Fulfill the Fiduciary Duty of Care

Ratings & screeners on 3000 stocks, 450 ETFs and 7000 mutual funds help you make prudent investment decisions.

New Constructs leverages the latest in machine learning to analyze structured and unstructured financial data with unrivaled speed and accuracy. The firm's forensic accounting experts work alongside engineers to develop proprietary NLP libraries and financial models. Our investment ratings are based on the best fundamental data in the business for stocks, ETFs and mutual funds. Clients include many of the top hedge funds, mutual funds and wealth management firms. David Trainer, the firm's CEO, is regularly featured in the media as a thought leader on the fiduciary duty of care, earnings quality, valuation and investment strategy.

To fulfill the Duty of Care, research should be:

1. **Comprehensive** - All relevant publicly-available (e.g. 10-Ks and 10-Qs) information has been diligently reviewed, including footnotes and the management discussion & analysis (MD&A).
2. **Un-conflicted** - Clients deserve unbiased research.
3. **Transparent** - Advisors should be able to show how the analysis was performed and the data behind it.
4. **Relevant** - Empirical evidence must provide [tangible, quantifiable correlation](#) to stock, ETF or mutual fund performance.

Value Investing 2.0: Diligence Matters: Technology is Key to Value Investing With Scale

Accounting data is only the beginning of fundamental research. It must be translated into economic earnings to truly understand profitability and valuation. This translation requires deep analysis of footnotes and the MD&A, a process that our [robo-analyst technology](#) empowers us to perform for thousands of stocks, ETFs and mutual funds.



DISCLOSURES

New Constructs®, LLC (together with any subsidiaries and/or affiliates, “New Constructs”) is an independent organization with no management ties to the companies it covers. None of the members of New Constructs’ management team or the management team of any New Constructs’ affiliate holds a seat on the Board of Directors of any of the companies New Constructs covers. New Constructs does not perform any investment or merchant banking functions and does not operate a trading desk.

New Constructs’ Stock Ownership Policy prevents any of its employees or managers from engaging in Insider Trading and restricts any trading whereby an employee may exploit inside information regarding our stock research. In addition, employees and managers of the company are bound by a code of ethics that restricts them from purchasing or selling a security that they know or should have known was under consideration for inclusion in a New Constructs report nor may they purchase or sell a security for the first 15 days after New Constructs issues a report on that security.

DISCLAIMERS

The information and opinions presented in this report are provided to you for information purposes only and are not to be used or considered as an offer or solicitation of an offer to buy or sell securities or other financial instruments. New Constructs has not taken any steps to ensure that the securities referred to in this report are suitable for any particular investor and nothing in this report constitutes investment, legal, accounting or tax advice. This report includes general information that does not take into account your individual circumstance, financial situation or needs, nor does it represent a personal recommendation to you. The investments or services contained or referred to in this report may not be suitable for you and it is recommended that you consult an independent investment advisor if you are in doubt about any such investments or investment services.

Information and opinions presented in this report have been obtained or derived from sources believed by New Constructs to be reliable, but New Constructs makes no representation as to their accuracy, authority, usefulness, reliability, timeliness or completeness. New Constructs accepts no liability for loss arising from the use of the information presented in this report, and New Constructs makes no warranty as to results that may be obtained from the information presented in this report. Past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, express or implied, is made regarding future performance. Information and opinions contained in this report reflect a judgment at its original date of publication by New Constructs and are subject to change without notice. New Constructs may have issued, and may in the future issue, other reports that are inconsistent with, and reach different conclusions from, the information presented in this report. Those reports reflect the different assumptions, views and analytical methods of the analysts who prepared them and New Constructs is under no obligation to insure that such other reports are brought to the attention of any recipient of this report.

New Constructs’ reports are intended for distribution to its professional and institutional investor customers. Recipients who are not professionals or institutional investor customers of New Constructs should seek the advice of their independent financial advisor prior to making any investment decision or for any necessary explanation of its contents.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would be subject New Constructs to any registration or licensing requirement within such jurisdiction.

This report may provide the addresses of websites. Except to the extent to which the report refers to New Constructs own website material, New Constructs has not reviewed the linked site and takes no responsibility for the content therein. Such address or hyperlink (including addresses or hyperlinks to New Constructs own website material) is provided solely for your convenience and the information and content of the linked site do not in any way form part of this report. Accessing such websites or following such hyperlink through this report shall be at your own risk.

All material in this report is the property of, and under copyright, of New Constructs. None of the contents, nor any copy of it, may be altered in any way, copied, or distributed or transmitted to any other party without the prior express written consent of New Constructs. All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service marks of New Constructs. Copyright New Constructs, LLC 2003 through the present date. All rights reserved.