

SEPARATELY MANAGED ACCOUNT COLUMBIA SELIGMAN TECHNOLOGY AND INFORMATION STRATEGY

Delivers a conviction-weighted portfolio

Invests in 50-75 technology or technology related stocks and ADRs across all market capitalizations to diversify and attempt to mitigate portfolio risk

Follows a valuation-aware philosophy

Selects investments based on rigorous bottom-up fundamental analysis and aims to identify undervalued and misunderstood companies through a growth-at-a-reasonable-price (GARP) style

Offers a long-tenured investment team

Uses insights of an analyst team averaging over 20 years of experience to find companies that appear to offer enduring intellectual property, strong management teams, high-profit revenue growth and potential for growth over the long term

Portfolio Management

Paul H. Wick	35 years of experience
Sanjay Devgan	27 years of experience
Shekhar Pramanick	29 years of experience
Jeetil Patel	27 years of experience
Israel Hernandez	26 years of experience
Vimal Patel	26 years of experience

Investment Objective

The strategy seeks long-term capital appreciation.

Strategy Details

Composite Inception	12/31/20
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Average Annual Total Returns (%)

	QTD (cum.)	YTD (cum.)	1-year	Since Inception
Seligman Technology and Information SMA composite (pure gross)	4.97	-30.59	-30.59	-1.81
Seligman Technology and Information SMA composite (net)	4.20	-32.71	-32.71	-4.72
S&P North American Technology Sector Index	1.54	-35.36	-35.36	-9.61

Calendar Year Composite Track Record

Calendar Year	Pure Gross-of-fees Return (%)	Net-of-fees Return (%)	Index Return (%)
2022	-30.59	-32.71	-35.36
2021	38.91	34.90	26.40

Source: Columbia Management Capital Advisers

Investing involves risk including the risk of loss of principal. There is no guarantee the objective will be achieved or that any return expectations will be met.

† Portfolio parameters are internal guidelines used by the investment team and are subject to change without notice. Formal investment parameters are set forth in the investment management agreement.

Past performance is not a guarantee of future results. Returns reflect the reinvestment of income and capital gains and are calculated and stated in US dollars, and periods over one year are annualized. Pure gross of fees performance does not include trading costs, management fees, or other expenses that would be incurred by a participant portfolio, but does reflect the expenses of any underlying fund and ETF investments. Net of fees performance reflects deduction of the maximum annual wrap fee of 3%. Investors should contact their financial advisor or program sponsor for fees applicable to their account.

The **S&P North American Technology Sector Index** is a modified-capitalization-weighted index of technology-related stocks. It is not possible to invest directly in an index.

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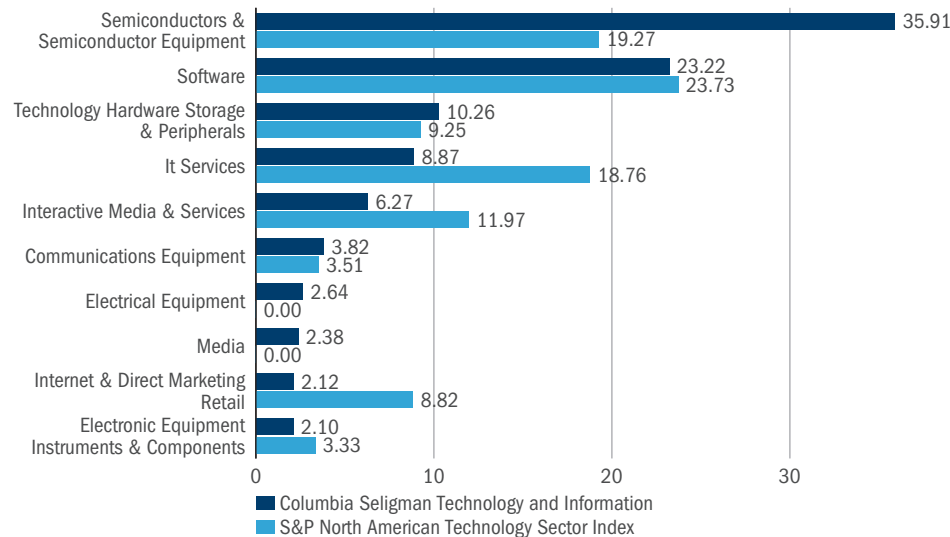
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Not FDIC or NCUA Insured	No Financial Institution Guarantee	May Lose Value
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Industry Allocation (% of investments)



Top Holdings (% of assets)[†]

Security description	Portfolio	Over/under relative to benchmark
Lam Research	6.20	5.57
Apple	5.55	-2.58
Broadcom	5.12	2.64
Microsoft	3.78	-4.87
Teradyne	3.78	3.63
Synopsys	3.73	3.20
Alphabet-CI A	3.59	-0.86
JPMorgan US Govt Capital Shares 12/30/2049	3.48	3.48
Applied Materials	3.37	2.45
Analog Devices	3.25	2.33

Portfolio Characteristics[†]

	Portfolio	Index
Number of holdings	63	328
Annual turnover, % (guideline range)	25-75	—
Average market capitalization (\$b)	274.32	525.35
P/E (weighted average, trailing 12 months)	19.77	23.73
Price to book ratio (trailing 12 months)	3.47	4.48

[†] vs S&P North American Technology Sector Index

Investment risks — Market risk may affect a single issuer, sector of the economy, industry or the market as a whole. The products of **technology** companies may be subject to severe competition and rapid obsolescence, and their stocks may be subject to greater price fluctuations. Investments in **small- and mid-cap** companies involve risks and volatility greater than investments in larger, more established companies. Investments **concentrated** in a particular sector or industry have a greater impact on performance, positive or negative, and may lead to increased volatility of the portfolio.

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The firm's fees are available on request and may also be found in Part 2A of the Columbia Management Investment Advisers, LLC Form ADV. To receive a list of composite descriptions of Columbia Management Capital Advisers and/or a presentation that complies with the GIPS standards, contact the Columbia Threadneedle Investments sales desk at 800.426.3750 or salesinquiries@columbiathreadneedle.com.

The strategy invests primarily in securities of companies operating in the technology sector and technology related industries. Individual security exposure is comprised mainly of US stocks and US exchange-traded ADRs. The benchmark is the Standard & Poor's North American Technology Sector Index.

Price-to-book ratio is a stock's price divided by its book value, and may help determine if it is valued fairly. **Price-to-earnings (P/E) ratio** is a stock's price divided by after-tax earnings over a trailing 12-month period, which serves as an indicator of value based on earnings.

Portfolio characteristics are based on the model portfolio and are subject to change. This information does not constitute investment advice and is issued without regard to specific investment objectives or the financial situation of any particular recipient. Individual portfolio performance and holdings may differ from information shown due to decisions made by the program sponsor, the size and timing of cash flows and client-specific investment guidelines and objectives.

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