

Columbia VP Seligman Global Technology — Class 2

Investment Strategy from investment's prospectus

The investment seeks long-term capital appreciation. The fund generally invests at least 80% of its net assets (including the amount of any borrowings for investment purposes) in equity securities of U.S. and non-U.S. companies with business operation

Past name: Seligman Portfolios Global Technology 2.

Category Description: Technology

Technology portfolios buy high-tech businesses. Most concentrate on computer, semiconductor, software, networking, and Internet stocks. A few also buy medical-device and biotechnology stocks, and some concentrate on a single technology industry.

Operations

Fund Inception Date	05-01-00
Initial Share Class Inception Date	05-01-96
Advisor	Columbia Mgmt Investment Advisers, LLC
Subadvisor	—

Fees and Expenses as of 05-01-23

Gross Prospectus Expense Ratio	1.4200%
Net Prospectus Expense Ratio	1.2100%

Waiver Data	Type	Exp.Date	%
Expense Ratio	Contractual	04-30-24	0.21

Portfolio Manager(s)

Shekhar Pramanick, Ph.D., North Carolina State University. B.S., National Institute of Technology. Since 2014.
 Sanjay Devgan, M.B.A., Santa Clara University. B.S., University of California. Since 2014.

Portfolio Analysis as of 11-30-23

Composition as of 11-30-23

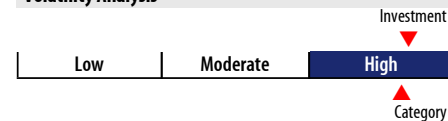


Top 10 Holdings as of 11-30-23

Company	% Assets
Lam Research Corp	6.35
Microsoft Corp	5.51
Apple Inc	5.29
Broadcom Inc	5.13
Alphabet Inc Class A	4.30
Columbia Short-Term Cash	4.19
Applied Materials Inc	3.52
Synopsys Inc	3.26
Renesas Electronics Corp	3.18
GoDaddy Inc Class A	2.97
Dropbox Inc Class A	2.76
Teradyne Inc	2.64
Visa Inc Class A	2.58
Bloom Energy Corp Class A	2.50
Marvell Technology Inc	2.36
Synaptics Inc	2.26
Analog Devices Inc	2.21
NetApp Inc	2.14
Gen Digital Inc	2.06
Oracle Corp	2.02

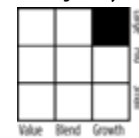
Total Number of Stock Holdings	65
Total Number of Bond Holdings	—
Annual Turnover Ratio %	15.00
Total Fund Assets (\$mil)	158.77

Volatility Analysis



In the past, this investment has shown a wide range of price fluctuations relative to other investments. This investment may experience significant price increases in favorable markets or undergo large price declines in adverse markets. Some of this risk may be offset by owning other investments that follow different investment strategies.

Morningstar Style Box™ as of 11-30-23



Market Cap	% Mkt Cap
Giant	33.40
Large	27.88
Medium	27.32
Small	9.13
Micro	2.26

Statistics as of 11-30-23

Statistic	Stk Port Avg	S&P 500	Category
P/E Ratio	19.32	19.85	24.57
P/B Ratio	4.62	3.83	6.55
P/C Ratio	14.15	13.90	17.89
GeoAvgCap(\$mil)	79,484.08	241,605.20	229,124.97

Risk Measures as of 12-31-23

Metric	Port Avg	S&P 500	Category
3 Yr Std Dev	24.71	17.54	25.92
3 Yr Sharpe Ratio	0.45	0.49	0.08
3 Yr Alpha	5.06	—	-4.10
3 Yr Beta	1.34	—	1.26
3 Yr R-squared	79.96	—	66.16

Morningstar Sectors as of 11-30-23

Sector	%Fund	S&P 500 %
Cyclical	4.95	28.24
Basic Materials	0.00	2.19
Consumer Cyclical	1.86	11.01
Financial Services	2.70	12.52
Real Estate	0.39	2.52
Sensitive	95.04	50.65
Communication Services	10.05	8.58
Energy	0.00	3.89
Industrials	5.46	8.37
Technology	79.53	29.81
Defensive	0.02	21.12
Consumer Defensive	0.00	6.11
Healthcare	0.02	12.67
Utilities	0.00	2.34

Notes

This material is authorized for client use only when preceded or accompanied by a Disclosure Statement, a product prospectus, a fund prospectus and/or informational brochure containing more complete information. These can be obtained from your investment professional and should be read carefully before investing or sending money.

NOT A DEPOSIT — NOT FDIC INSURED — NOT INSURED BY ANY FEDERAL GOVERNMENT AGENCY — NOT GUARANTEED BY THE INSTITUTION — MAY GO DOWN IN VALUE