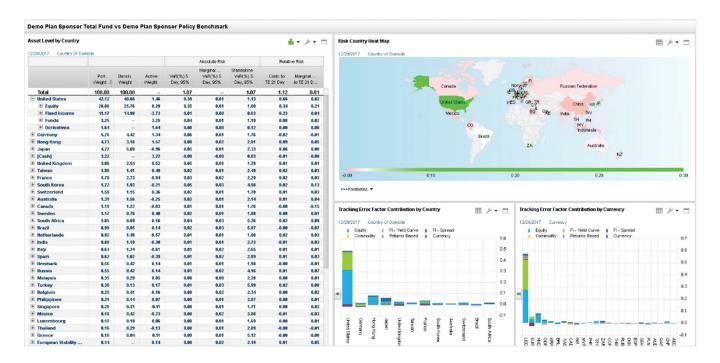
Solutions for Asset Owners

Enhance every stage of your workflow with FactSet's multi-asset class portfolio analytics and robust research management solutions. Identify new investments, and evaluate the impact of proposed adjustments on your plan's asset allocation, direct investments, and investments in external managers.



POWER YOUR WORKFLOW WITH ROBUST, ACCURATE DATA

Combine your proprietary holdings or manager-supplied data with FactSet's unique content and third-party data sources, including the industry's broadest selection of benchmark data and FactSet's proprietary multi-asset class risk model. Integrate portfolio information from any third-party source, FactSet's manager holdings database, or request direct feeds from external managers via the FactSet Investor Network. Leverage FactSet's innovative portfolio reconciliation and remediation service to ensure secure, accurate, and consistent portfolio data.

GAIN AN ENTERPRISE DATA MANAGEMENT SOLUTION WITH FACTSET'S MATRIX IDM INTEGRATION

Take ownership of your data management and support investment decision-making with Matrix Investment Data Management's turnkey FactSet integration. Leverage the industry's leading agile cloud-based enterprise data management solution, designed specifically for global asset owners and fund managers. Together, FactSet and Matrix deliver unparalleled look-through and rebalancing abilities alongside sophisticated asset allocation and exposure management. Access enhanced investment and product intelligence through elevated data management.

UNDERSTAND THE PERFORMANCE AND RISK OF YOUR TOTAL PLAN

Gain a comprehensive, consolidated view into your plan's public and private investments. Reduce reliance on inconsistent third-party portfolio reports. Confidently dissect a manager's allocation and risk exposures, and their effects on the performance of an individual portfolio or the entire plan.

- Measure and decompose predicted risk at the portfolio, group, factor, and asset level
- Evaluate the risk of your alternative investments including real assets, hedge funds, and private equity
- Capture the impact of strategic and tactical asset allocation decisions, manager selection, and fees
- Apply custom factor shocks to forecast portfolio performance
- · Enhance your LDI process

FACTSET) SEE THE ADVANTAGE



CONDUCT THOROUGH MANAGER RESEARCH

Use FactSet's powerful analytics to easily identify new investment opportunities based on qualitative and quantitative factors, and access a comprehensive overview of your existing managers.

- View performance, composition, analytics, characteristics, and risk in custom reports
- Create alerts for portfolios that have crossed performance and compliance thresholds
- Search for fund managers that meet your criteria on a quantitative and qualitative basis

OPERATIONALIZE THE INVESTMENT AND DUE DILIGENCE PROCESS

Make more informed decisions with efficient and transparent research management processes.

- Leverage a centralized repository that gives quick and easy access to internal research and facilitates communication across your firm
- Create repeatable workflows for onboarding managers, and document ongoing due diligence for every manager
- Automatically categorize and generate tasks based on incoming documents from managers and prospects

PERFORM STRATEGIC AND TACTICAL MARKET RESEARCH

Analyze complex relationships and interpret macroeconomic data with robust content and powerful tools.

- Access global economic coverage along with on-demand regional and country-specific analytical reports for easy comparison
- Monitor the performance and characteristics of any asset class on both a current and historical basis
- Dig deep into market-moving news with FactSet StreetAccount's streamlined market summaries and macro news coverage

Plan Risk Monitor Last Run Time: 04-JAN-2018 11:00:41 AW												
		Equity Characteristics		Fixed income Characteristics		Plac Characteristics	Stress Tests					
Pattices	Pot Ending Market Wive					Tracking Brace (%) 21 Dees Annualized	Active Return (Drent Wight)					
		Diedond Yield	Price to Earnings	Coupon Rate	Effective Duration		54P 500 30% Declare	USDIEUR FX Bate 22% Desire	Crade Oil 30% Rose	Oold (UEO) 30% Increase	Tressury Elond 10 19 Yeld +100kes	Eq. Wellson Fig Out
□ Domo Plan Sponsor Sotal Fund	11,822,576	2.51	17.4	0.996	5.75	1.62	-1.00	-0.60	0.43	-0.15	1.69	
H Domo Alternothes Siesve	785,638				-	3.92	-3.69	-2.79	0.67	4.79	0.97	
Demo Alternatives Poetistio	18,000,000	-		-	-	4.00	-5.56	-3.05	0.65	4.63	131	
Demo Hedge Fund Sleene	100,000,000	-	-	-	-	3.57	-3.00	-2.58	0.67	4.05	0.05	
III Domo Balanced Shreve	1,267,400	2.12	20.2	2.913	6.05	0.79	1.09	1.46	6.37	0.49	1.01	
Demo Global Balanced Strategy	112,131,720	2.12	20.2	2.313	6.85	1.92	9.38	5.78	-0.48	131	-3.24	
H Demo Equity Sleeve	5,906,500	2.62	17.4			1.25	0.17	0.00	0.19	6.09	8.51	
Demo Developed ex US Passive Portfolio	66,868,029,715	1.38	40.7			0.10	0.02	0.00	-681	-6.01	4.02	
Demo Emerging Market Country Alpha Portfolio	24,553,509,017	7.41	12.0			4.50	1.50	0.11	-6.31	6.00	-0.41	
Demo Emerging Market Passive - China Titt Ports.	16,100,095,102	8.83	10.6			2.38	2.21	1.45	-0.06	-0.50	4.02	
Demo-Global Developed Passale Forticia	314,100,102	2.09	20.3			0.15	-0.02	0.05	-0.00	-8.00	-0.01	
Demo US Core Passive Portfolio	88,504,611,330	2.09	19.8		-	0.03	-0.01	-0.01	0.00	-8.00	0.01	
Demo US Long Short Portiols	1,000,102,199	3.35	11.0	-	-	9.16	.7.63	-0.10	1.83	6.29	3.27	
Demo US Sector Alpha Forficile	338,048,977	2.59	19.5	-	-	1,97	0.50	-0.12	-0.84	8.06	-0.04	
8 Demo Food Income Sleeve	3,279,050		10.3	0.905	5.70	1.54	0.59	-4.09	0.29	0.97	0.01	
Demo Euro Japan Fixed Income Portfolio	100			0.607	5.45	1.45	-5.12	-1.83	0.23	4.07	0.46	
Demo-dissuiAAA Fixed Income Portisio	18,009,658			2.882	6.45	1.43	-0.40	-3.78	6.21	0.95	0.23	
Demo US Securitzed Portfolio	9,049,295			3.025	5.40	2.09	0.95	0.47	0.31	0.40	3.42	
Demo Value Corporates Podfolio	1,929,213		10.3	6.331	2.75	19.33	-8.31	-2.10	6.79	6.22	5.36	
H Demo Macra Overlay	512,670	-	-	-) =	7.57	-11.90	-6.93	154	4.02	2.00	
Demo ETF Overlay	14,331,509	1.78	-	-	-	7.75	-12.23	-5.62	1.20	-1.96	2.83	
Demotracio Futures Cuertay	51,025,105	-	-	-	-	13.84	-19.37	-0.12	3.15	5.36	2.69	
F Danie Private Equity Sterve	855,865	141	15.0		100	2.00	4.96	473	0.70	0.82	184	