

# **Sarna Risk Navigator Overview**



# The Sarna Technologies Risk Navigator Platform:

- Provides coverage for millions of accounts via horizontal scaling
- Boasts an average processing time of 10ms to 50ms, depending on strategy
- Multiple hosting options
- Clearing firm agnostic



# Portfolio View

Sarna Trading Dev x Sarna Trading Stage x + https://trade-s10e.stage.sarnafinance.com/risk InPrivate

Portfolio View

AI Assistant

Custom Risk Profiles & Account Grouping

Multiple pricing models

Upload portfolios

Filter Px Shock % IV Shock % Direction Both Advanced Shock Risk Profile 1 Account Groups

Accounts Advanced & Global Shocks

Custom column selection

Expand, collapse and filter

Hover-over for more info

Delta: 0.43  
Vega: 0.06  
IV: 0.51  
Gamma: 0.05  
Theta: -0.01  
Multiplier: 100  
Underlying Price: 27.38

> PortMargin (1SN10001)		62,791	50,024	0	7,4					55,381	-4,744	-2,043	-3,483	-1,551	-1,075	-2,230	-501	-421							
Primary (1SN10007)		937,895	825,819	0	18,417	112,075			1.96%	919,478	-17,038	-13,501	-11,393	-10,139	-6,771	-5,756	-3,405	-33							
AA					-728	728	5,069			0.08%		-728	-441	-492	-324	-214	-278	-112	-33						
AA TT							2,738	27.38	0		-411	-329	-274	-246	-164	-137	-82	0							
AA TT	100						2,738	27.38	0		-411	-329	-274	-246	-164	-137	-82	0							
AA Sep 19, 25 C 30 TT	-1					-204	2.03			108	93	84	57	47	26	0									
										47	108	28	84	57	-2	26	-16								
										161	108	118	84	57	63	26	16								
AA Sep 19, 25 C 30 TT	-1									38	129	108	93	84	57	47	26	0							
										47	108	28	84	57	-2	26	-16								
										161	108	118	84	57	63	26	16								
> GE						-3,754	3,754	25,028		0.4%	-3,754	-3,003	-2,503	-2,253	-1,502	-1,251	-751	0							

Search

Dashboard

Risk

Tasks

Settings

# Audit Trail

## BP Audit Trail

AI Assistant  

PORTFOLIO STRATEGY SYMBOL BP AUDIT TRAIL ACCOUNT GRAPHS SUMMARY GRAPHS

Search Account 1SN10001  Search by date and time range Date Jun 4, 2025 - 15:14 SEARCH

Display Chart  Monitor

Custom Visualization



Requirement Monitor Select Displayed Events

Jun 4 2025, 9:00:00 Eastern ⚠ View JSON requests and responses Select Events for Chart Display

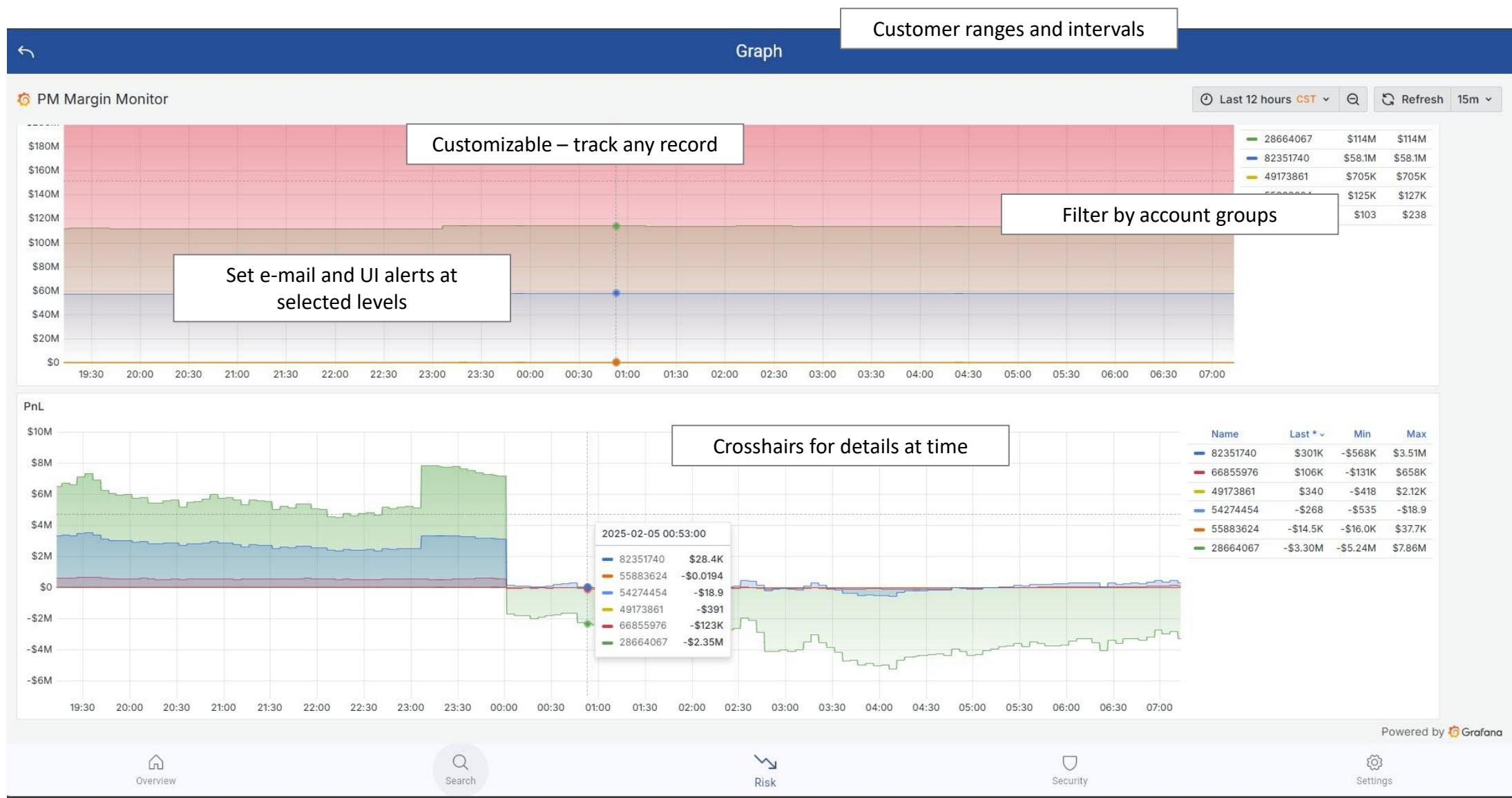
Jun 4 2025, 9:56:28 Eastern Request Type: Monitor  
Requirement: \$14,330 Credit Utilization: 14.63% Net Liquidity: \$97,929

REQUEST RESPONSE PORTFOLIO Download records as CSV

Jun 4 2025, 9:56:17 Eastern Request Type: Risk Manager  
Requirement: \$4,919 Credit Utilization: 5.02% Net Liquidity: \$97,929

REQUEST RESPONSE PORTFOLIO View buying power and quotes as customers saw them

Dashboard Search Risk Tasks Settings



# Strategy View

Strategy View

AI Assistant

PORTFOLIO STRATEGY SYMBOL BP AUDIT TRAIL ACCOUNT GRAPHS SUMMARY GRAPHS

Filters Px Shock 10 % IV Shock 40 % Direction Both Advanced Shock Risk Profile Account Groups 1

Add Account Advanced & Global Shocks

Upload portfolios

Custom Risk Profiles & Account Grouping

Accounts Available Funds Net Liq Options BP Stock BP Cash Quantity Quantity Opened Today SMA Day Change Day P/L Requirements Net Exposure Gross Exposure Credit Utilization Excess Risk Type

SPY - - - - - - - - - - 1,191 1,192 -1 -1 - - - - - - - -

TSLA - - - - - - - - - - 65,770 - - - - - - - - - - - -

Px: -10% 900,366 926,743 900,366 3,001,219 - - - - - - - - - - - - - - - - - -11,151 - - - - -

Px: -5% 904,618 932,319 904,618 3,015,395 - - - - - - - - - - - - - - - - - -5,576 - - - - -

Px: 0% 908,871 937,895 908,871 3,029,570 - - - - - - - - - - - - - - - - - 0 - - - - -

Px: 5% 913,124 943,470 913,124 3,043,745 - - - - - - - - - - - - - - - - - 5,576 - - - - -

Px: 10% 917,358 949,046 917,358 3,057,862 - - - - - - - - - - - - - - - - - 11,151 - - - - -

Level2Account (TS2) 52,577 61,224 52,577 52,577 52,577 - - - - - 8,647 8,783 0 -136 -1.57% -0.00% 0 -865 - 0% 61,224 RegT Cash

Level3Account (TS3) 801,643 836,510 801,643 2,672 - - - - - 82,572 76,764 0 5,808 7.03% 0.01% 15,902 -27,405 - 1.9% 820,608 RegT Margin

Level4Account (TS4) 884,290 998,102 884,290 2,947,635 549,127 - - - - - 448,975 446,549 0 2,426 0.54% 0.00% 133,054 -37,483 - 13.33% 865,047 RegT Margin

Base -

Px: -10% 854,356 960,618 854,356 2,847,853 - - - - - - - - - - - - - - - - -37,483 - - - - -

Universal spread pairings

Real-time updates

Custom column selection

Search

Dashboard

Risk

Tasks

Settings

←
BP Symbol Risk Control for SPXS
⚙️

# Symbol SPXS

Custom settings for any symbol

# CUSIP 25460E265

Enter and save override

View defaults

# External Security ID 1804147

View defaults

Fetch from BP Symbol Requirements

View defaults

No House Override

Exchange Default

RegT Maint Req Short

RegT Maint Req Long

RegT Maint Req Short: -

Long: -

Firm Maint Req Short

Firm Maint Req Long

Firm Maint Req Short: -

Long: -

RegT Principal Short

RegT Principal Long

RegT Principal Short: -

Long: -

Firm Principal Short

Firm Principal Long

Firm Principal Short: -

Long: -

Minimum Maint Points Short

Minimum Maint Points Long

Minimum Maint Points Short: -

Long: -

ETF Addl Margin Percentage

Designate for portfolio margin

ETF Addl Margin Percentage 3.00

Margin Code

Margin Code 1.00

Is PM Eligible

View defaults

 Risk
 Overview
 Search
 Security
 Settings

**Contact:**  
[info@sarna.io](mailto:info@sarna.io)

