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## Overview

Following up on our collaboration with the GMX community to set the [genesis parameter values](#) for V2, we are excited to launch the GMX V2 Synthetics Risk Hub, expanding our existing [V1 GLP Risk Hub](#) to provide complete coverage, including all protocol versions.

## GMX V2 Synthetics

Risk Hub: Platform Deep Dive

The V2 Risk Hub is integrated with both Arbitrum and Avalanche deployments. Using the protocol selector, navigating between V2 and V1 deployments is easy.

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Protocol Switcher provides easy navigation between all V1 and V2 GMX deployments.

## Overview

The Overview section provides high-level information about the protocol, including TVL, Fees, Trading Volume, and Open Interest. These are shown as aggregated metrics as well as a time series. Furthermore, the portal allows viewing granular position details (long/short) and market breakdowns, surfacing asset or market-level anomalies.

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The overview screen provides high-level information aggregated from all pools and markets, including TVL, Fees, Trading Volume, and Open Interest.

## Markets

The markets tab offers a broad perspective on all GMX V2 markets, presenting critical data such as the short and long market assets, Open Interest, amount of Short and Long positions, and the average leverage size for each side.

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The market tab displays overview information, including long market assets, the amount of Open Interest, the number of Short and Long positions, and the average leverage size on each side.

## Market Detail

When users choose a specific market, they are taken to a more comprehensive view where they can access detailed analytics. The Market Detail page provides insights into short and long open interest, open interest imbalances, counters for long and short positions, and the average leverage on each side. Additionally, this page grants access to time series data for asset prices and open interest distribution, allowing for a deeper dive into market performance.

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Market details page showing in-depth and over-time data about the market.

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The Positions section within the market page lists all currently open positions within that market.

## Historical and Real-Time Pools Configurations

Each GMX V2 market is backed by an isolated GM pool that provides liquidity for the market positions. To reflect that, we've introduced a brand-new feature that sheds light on the pools backing each market within the GMX V2 protocol. This screen provides users valuable insights into the liquidity supporting specific markets, offering transparency and a deeper understanding of the ecosystem. The pool page shows pool status, configuration, and usage.

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The Pool page within the market shows relevant information about the GM pool, providing liquidity to positions in that market, including pool status, configuration, and usage.

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The Pool config section shows current pool parameters, such as fee and price impact factors, with up-to-date values.

## Positions

The positions page is a search engine for all positions within the GMX protocol, including open and settled positions. Users can easily search for specific wallet addresses or take advantage of the advanced filtering options, which allow filtering positions by assets, profit and loss, leverage, and type (long or short). This comprehensive view ensures users have access to all relevant data related to protocol positions.

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The positions tab shows all currently opened and recently closed positions, with high-level information about each.

## Account Details

By selecting a specific row in the positions page, users will be directed to the account details page, which displays all active and closed positions in GLP for that account, thereby enabling a comprehensive analysis of a trader's status and history.

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The account details page lists all open and closed positions of a specific wallet.

## Liquidations

The liquidations page provides consolidated metadata on protocol liquidations, covering 7, 30, and 90 days. Additionally, the page includes a graphical representation of daily observed liquidation events and a table displaying relevant liquidation details. Users can choose a specific liquidation event, which will then take them to the Position Detail page of the corresponding account for a more thorough analysis.

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The liquidations tab shows all recent protocol liquidation events with details about each liquidation event and data aggregation by market.

## Risk Explorer

The Risk Explorer tool empowers users to run simulations on one or multiple assets, allowing them to simulate price drops and assess the potential impact on protocol positions and expected profit and loss (PnL). This functionality proves valuable for understanding the risk exposure associated with a position, particularly in market volatility.

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Risk Explorer enables simulations of adverse market conditions, such as significant price drops in one or more assets.

## Alerts

The alerts tab offers real-time notifications on GMX protocol activity. Each alert features a link to the corresponding account detail page. Furthermore, users can click on the Join Telegram Channel button or use this [link](#) to receive updates directly in Telegram.

Currently, the following list of alerts is supported for GMX V2:

1. Price Alerts for all traded assets
2. notifying about significant price volatility.
3. Peg Stability Alerts for all protocol-supported stable-coins
4. notifying about any deviation from the peg. Additional information about how stable depeg is handled by the protocol can be found in the [GMX V2 Docs](#).
5. Whale Alerts
6. notifying about any large position opened or closed.
7. Pool Utilization Alerts for all pools
8. notifying about any pool reaching its max Long or Short capacity, in which case no new positions can be opened.
9. Pool Cap Utilization Alerts for all pools
10. notifying about any pool Short or Long amount reaching its Max Pool Amount.

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The alerts tab shows all alerts that can filter open and historic alerts. Clicking on See Details redirects to the relevant screen within the Risk Hub to get additional context about the specific alert.

## Next steps

Our platform is constantly evolving and growing to meet our users' needs. We invite the GMX community to explore the platform and provide your feedback.

If you have any questions or comments, feel free to [contact us](#), reach out on [Twitter](#) or email us at [gmx@chaoslabs.xyz](mailto:gmx@chaoslabs.xyz).