

# Ocelloids Monitoring Tool

## 4 - DeFi Monitoring

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| Overview            | 1        |
| <b>Deliverables</b> | <b>2</b> |

## Overview

This milestone expands the platform's DeFi monitoring and analytics capabilities with support for **Polkadot AssetHub** and **Acala**.

Leveraging Hyperion's existing reactive monitoring architecture, the platform provides parametrizable alerting templates for DEX liquidity pool TVL, trade volumes, and protocol health metrics. The Console UI has been updated to render TVL, volume, and liquid staking analytics for the newly added chains, giving users full visibility and direct configuration of automated alerting rules.

# Deliverables

| Tasks                       | Deliverables                                                                                                                                                                                                                                                                                                                                                                                                                   | Links                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 4.a Documentation           | User guides, documentation and support materials                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Hyperion README</a>                                            |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Hyperion API Docs</a>                                          |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">User guide</a>                                                 |
| 4.1 AssetHub                | We added indexing for Polkadot Asset Hub pallet-asset-conversion swap events and pool reserves. This integration provides real-time analytics for USD-denominated pool TVL and swap volumes.                                                                                                                                                                                                                                   | <a href="#">Implementation</a>                                             |
| 4.2 Acala                   | We added indexing of Acala LDOT issuance and staking exchange rates, as well as Acala DEX / AMM pool liquidity and swap volume analytics.                                                                                                                                                                                                                                                                                      | <a href="#">Implementation</a>                                             |
| 4.3 DeFi Alerting Templates | <p>We updated Hyperion's parametrizable alerting templates for newly indexed protocols:</p> <ul style="list-style-type: none"> <li>• DEX Liquidity Pool TVL &amp; Volume: Parametrizable rules for liquidity drops, TVL shifts, and volume anomalies.</li> <li>• Liquid Staking Rate Watch: Parametrizable alerting on LDOT exchange rate deviations and redemption volumes.</li> </ul>                                        | <a href="#">Implementation</a>                                             |
| 4.4 Console UI              | <p>Updated Console UI (3rd iteration) including for Asset Hub and Acala:</p> <ul style="list-style-type: none"> <li>• DEX pool TVL, TVL change, and time series analytics.</li> <li>• Overall protocol swap volume and volume change over selected time ranges.</li> <li>• LDOT issuance and staking exchange rate analytics.</li> <li>• Parametrizable rule configuration panel for user-defined alert thresholds.</li> </ul> | <a href="#">Asset Hub Dashboard</a><br><br><a href="#">Acala Dashboard</a> |