

Overview

Blocknative's real-time observability platform provides end-to-end transparency into the entire Web3 transaction lifecycle. With Blocknative you can:

- Go hands-on with [real-time mempool data](#)
- to monitor on-chain and pre-chain (mempool) activity with Ethernw. Watch as new transactions hit the public mempool and complete their journey to finalization.
- [Estimate Gas Prices](#)
- needed for your transactions with real-time precision.
- Delve into the historical [Mempool Data Archive](#)
- to help push Ethereum innovation forward.
- Protect yourself from MEV front running and sandwiching bots with [Transaction Boost](#)
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- Easily add [ready-to-connect wallets to your dapp](#)
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 - supporting hardware & software wallets.
- [Simulate, Pre-flight, or Preview](#)
- any transactions, see the results and affected balance changes.
- Create custom real-time data streams and deliver them to a webhook using [Mempool Explorer](#)
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Blocknative's global real-time web3 data platform benefits:

- L2s
 - : optimize settlement to the Ethereum L1 and proactively demonstrate your ecosystem's commitment to orderly and predictable transaction settlement. Leverage state-of-the-art data transparency best practices to stay ahead of regulator questions and concerns.
- Developers
 - : improve user experience through programmatic access to ephemeral real-time data, wallet connection, and gas estimation.
- Researchers
 - : enable [research](#)
 - into pre-chain and on-chain behavior via the capture and archiving of historical ephemeral data.
- Traders
 - : level the playing field to ensure that all network participants have equivalent data access.
- Institutional investors
 - : provide the necessary data transparency for institutional investors to fulfill their fiduciary responsibilities.
- End-Users
 - : provide end-users with the [clarity](#)
 - to transact with confidence.
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We strive to create a world class developer experience, so be sure to [join our Discord](#) to ask any questions, provide feedback, and tell us what else you would like to get from Blocknative.

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