Dynamic M-ELO is the first exchange AI powered order type designed to improve fill rates and lower market impact in equities markets. Calculated on a symbol-by-symbol basis, this new functionality analyzes 140+ data points every 30 seconds to detect market conditions and optimize the holding period prior to which a trade is eligible to execute.

The dynamic M-ELO AI timer learns to simultaneously improve both liquidity and execution quality outcomes – usually thought to be in tradeoff – by watching market behavior and adjusting based on its objective function.

Benefits:
- Increase fill rates
- Reduce market impact
- Improve quote stability after trades
- Protect for volatility

Dynamic M-ELO Timer:
- AI model evaluates and adapts holding periods every 30 seconds, focused on higher fill rates and lower markouts
- Each symbol holding period starts the day at 1.25ms and ranges from .25 - 2.5ms
- If market instability occurs, then market instability detectors will default symbol timer updates to 12ms until market conditions improve

nasdaq.com/solutions/midpoint-extended-life-order-m-elo
Why AI for M-ELO?

Discover the research from Nasdaq's Core AI Group:
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Sales & Support

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