



Echo Shield

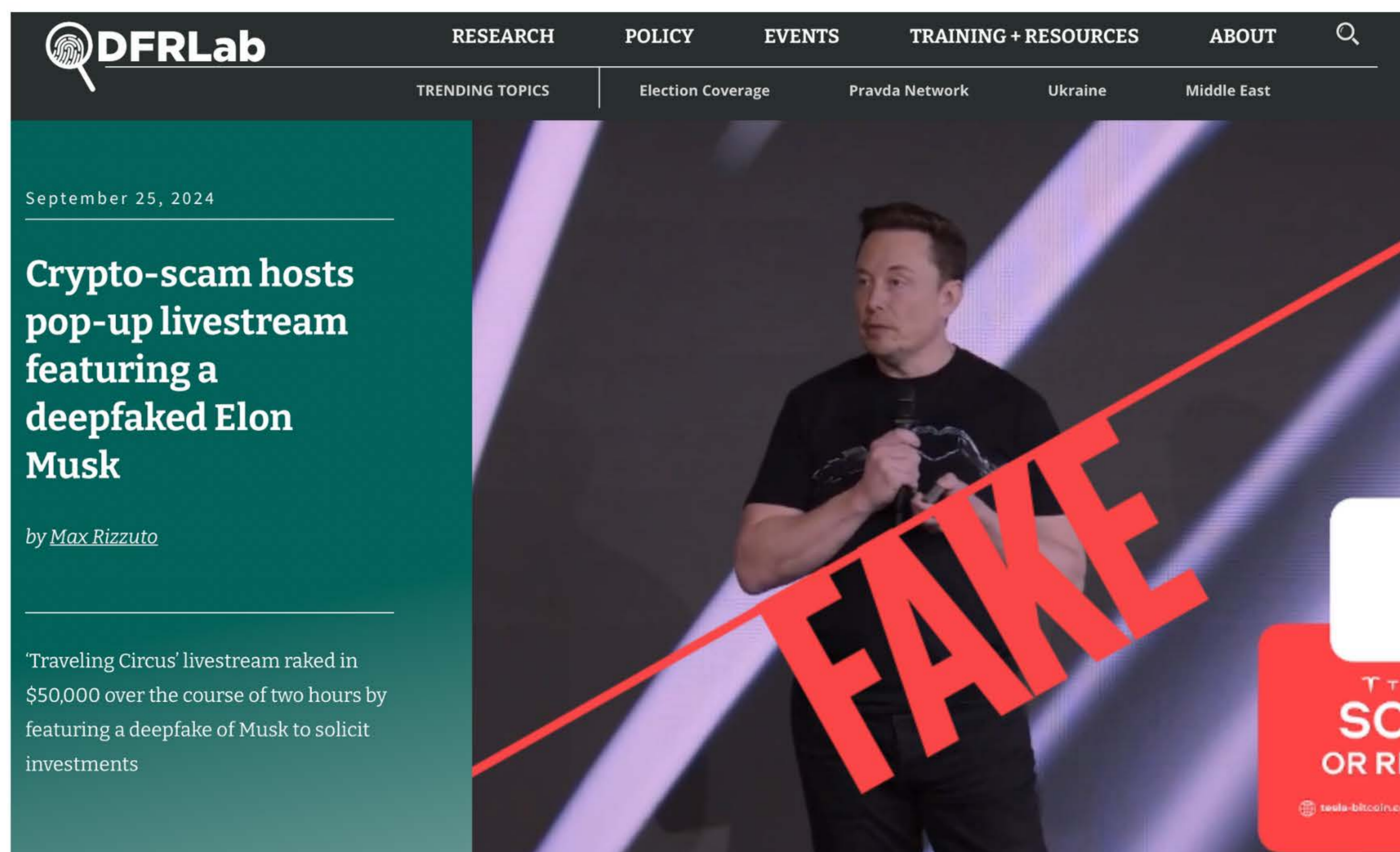
Your deepfake video detection assistant for day traders

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JOHNS HOPKINS
WHITING SCHOOL
of ENGINEERING

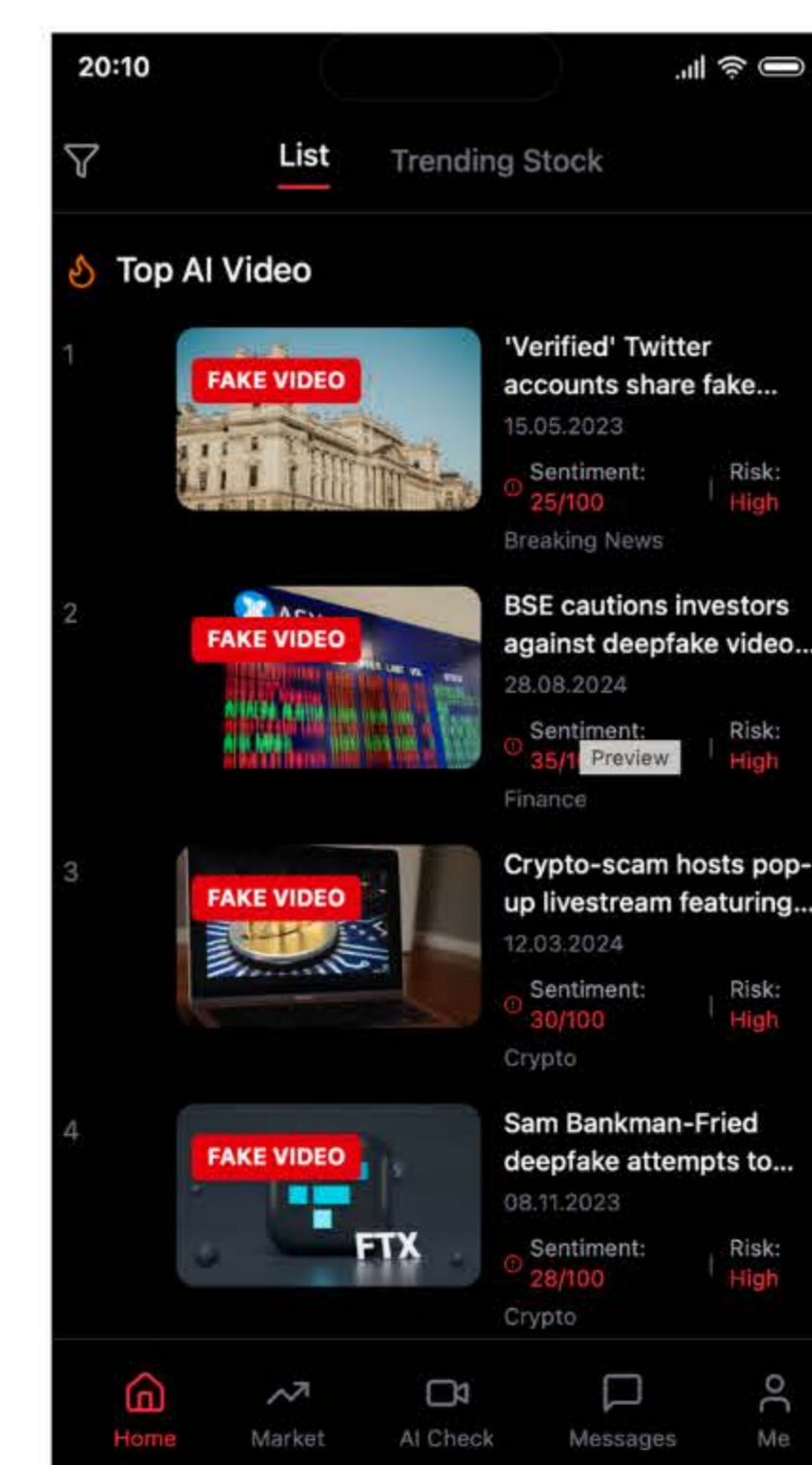
Problem



AI-generated fake videos are no longer just misinformation—they are actively manipulating financial markets. Retail investors are making decisions based on content they can't verify.

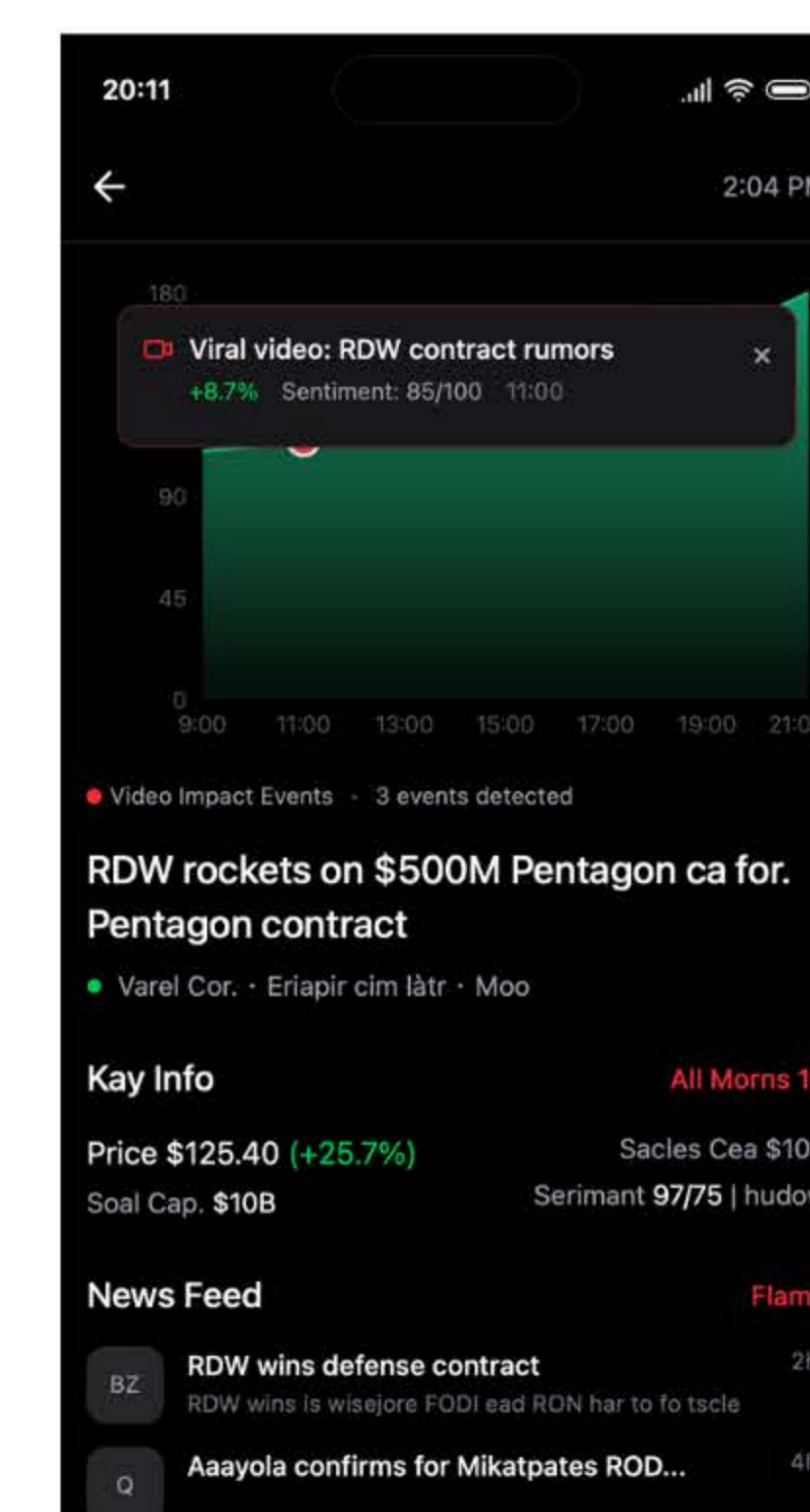
Our Product

TRENDING VIDEO LIST



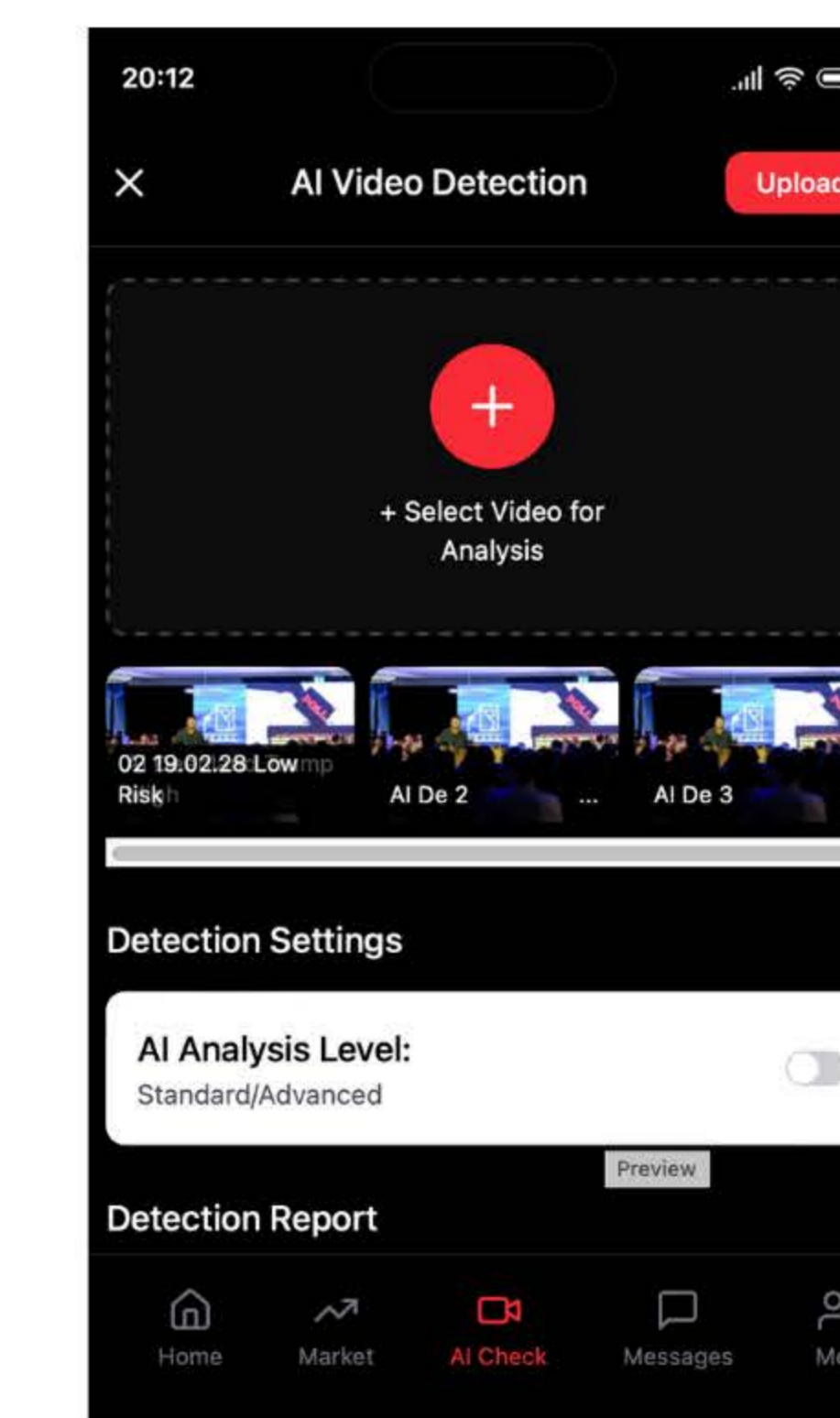
BROWSE A REAL-TIME FEED OF VIRAL VIDEOS IDENTIFIED AS POTENTIALLY MANIPULATED

FINANCIAL IMPACT ANALYSIS



INKS FLAGGED CONTENT TO REAL-TIME MARKET MOVEMENTS TO REVEAL POTENTIAL TRADING RISKS.

USER UPLOAD VERIFICATION



UPLOAD ANY VIDEO FOR INSTANT DEEPFAKE DETECTION AND RISK ASSESSMENT.

Market size

AI Financial Misinformation Detection Market

\$200 Million

The Market Size (Conservative) =

$$500 \text{ million} \times 20\% \times 30\% \times 2\% \times \$30 \times 12 \text{ months}$$

Total Individual Investors Short-term Active Trader Pay for Premium Info SMIMR (Social Media Misinfo Rate) Monthly Price

Echo Shield's initial target market includes active retail investors, day traders, and cryptocurrency investors who rely heavily on social media for market updates. These users trade frequently, are highly sensitive to breaking information, and make decisions quickly, which also makes them more vulnerable to suspicious financial videos and AI-generated misinformation. Over time, the platform can expand to professional traders, small trading teams, and institutional users.

BUSINESS MODEL

Freemium subscription SaaS model



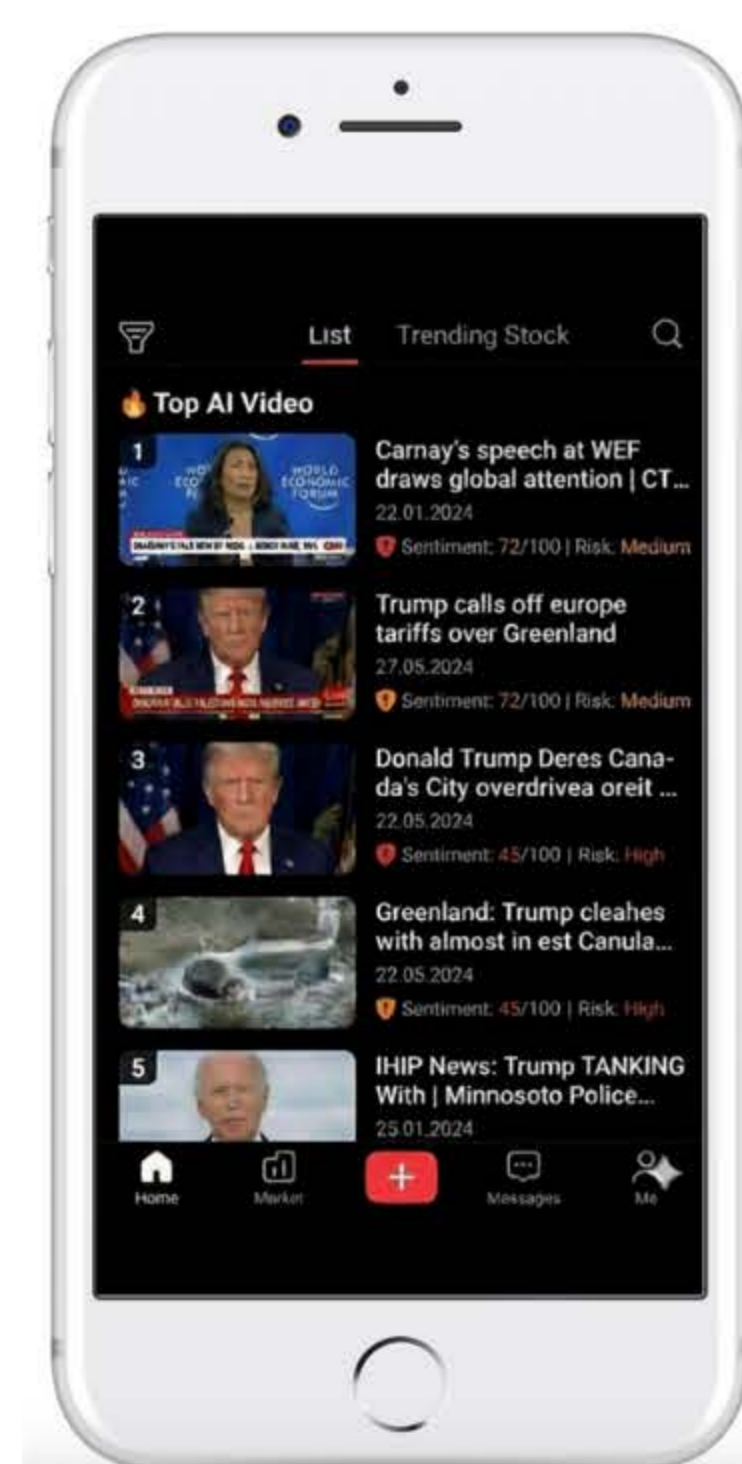
- View AI-generated financial videos



- Structured risk analysis section
- View AI-generated financial videos
- Correlation analysis between videos and prices

Our Solution

SCAN MAJOR PLATFORMS



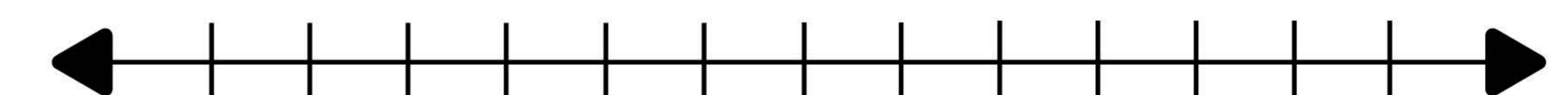
TRENDING VIDEOS

MARKET IMPACT ANALYSIS

AI DEEPFAKE DETECTION

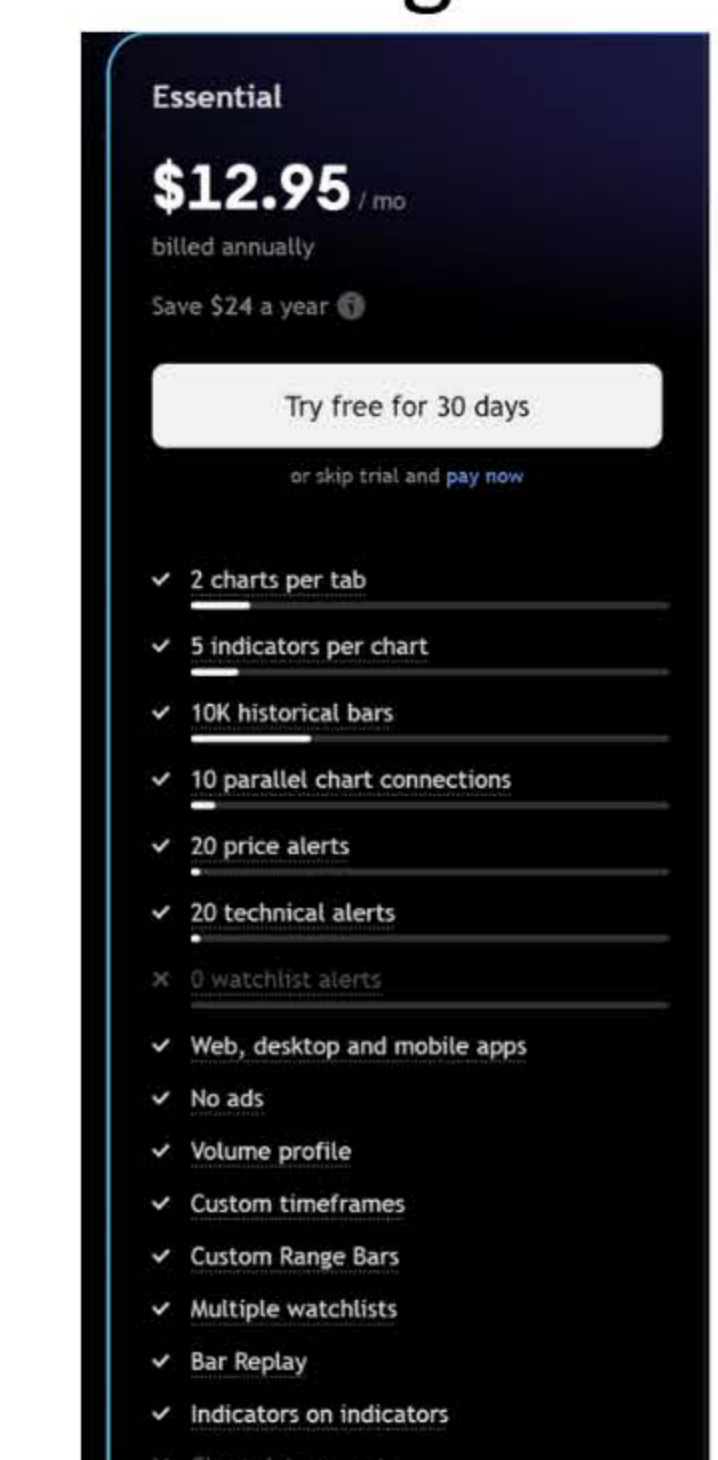
- Real-time monitoring of global markets
- Detects abnormal price & volume spikes
- Combines volatility normalization + adaptive thresholds + volume anomaly detection
- Flags statistically significant events with minimal false positives

Initial Pricing

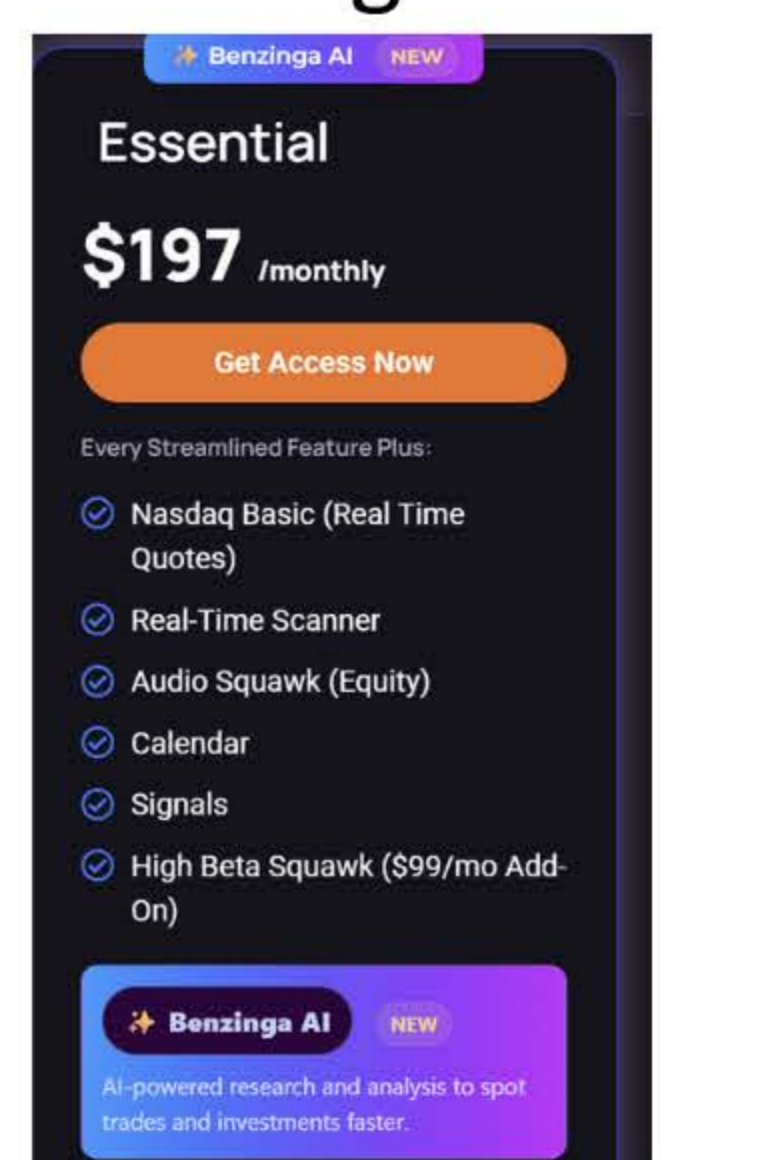


\$9.9

TradingView



Benzinga Pro



Is **\$9.9** per month worth avoiding misinformation risk?