Control Risks | ▼ Geospark Analytics

Situational Report

▶ **Core+Hyperion gives four days warning of State of Emergency**

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Alerts from **Core+Hyperion** about a decline in stability in Kazakhstan preceded the outbreak of protests, giving security teams time to prepare. As the situation deteriorated, analyst-verified Incidents and Risk Ratings kept the team up to date on security and civil unrest risks.

31 December 2021

Hyperion's PulseAI score starts to drop from a high

Hyperion's PulseAI* score for Kazakhstan started dropping 48 hours before protests began in the western city of Zhanaozen.
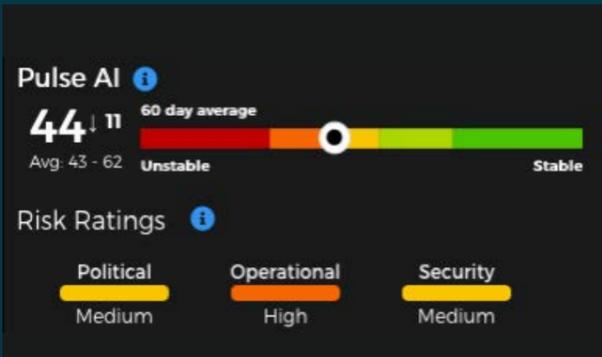
2 January 2022

Protests begin, Pulse AI reaches bottom of 60-day average range

When the protests started, the score had dropped 14 points. Using machine learning to continually update risk assessments, PulseAI measured a decline in stability that signalled these protests - against the government's decision to end fuel price caps - were the most significant in years.
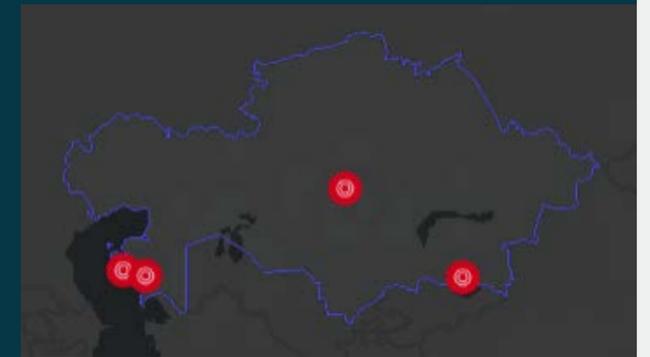
This notification of dropping stability from Hyperion's PulseAI corresponded with a human-derived alert from Control Risks' Incident Team verifying the size, scale and impact of the protests in Zhanaozen.

Pulse AI ⓘ
44 ↓ ↑   60 day average
Avg: 43 - 62   Unstable ——————— Stable

Risk Ratings ⓘ

Political	Operational	Security
Medium	High	Medium

4 January 2022

Deadly protests trigger four Hotspots

On 4 January, the government pledged to bring back fuel price caps, but PulseAI alerted users to continued unrest, dropping another 8 points from its average range in the region. Four Hotspots – machine learning-driven indicators of abnormal activity – were triggered in central and southwest Kazakhstan and near Almaty, allowing CORE+ Hyperion users to track the spread of unrest.

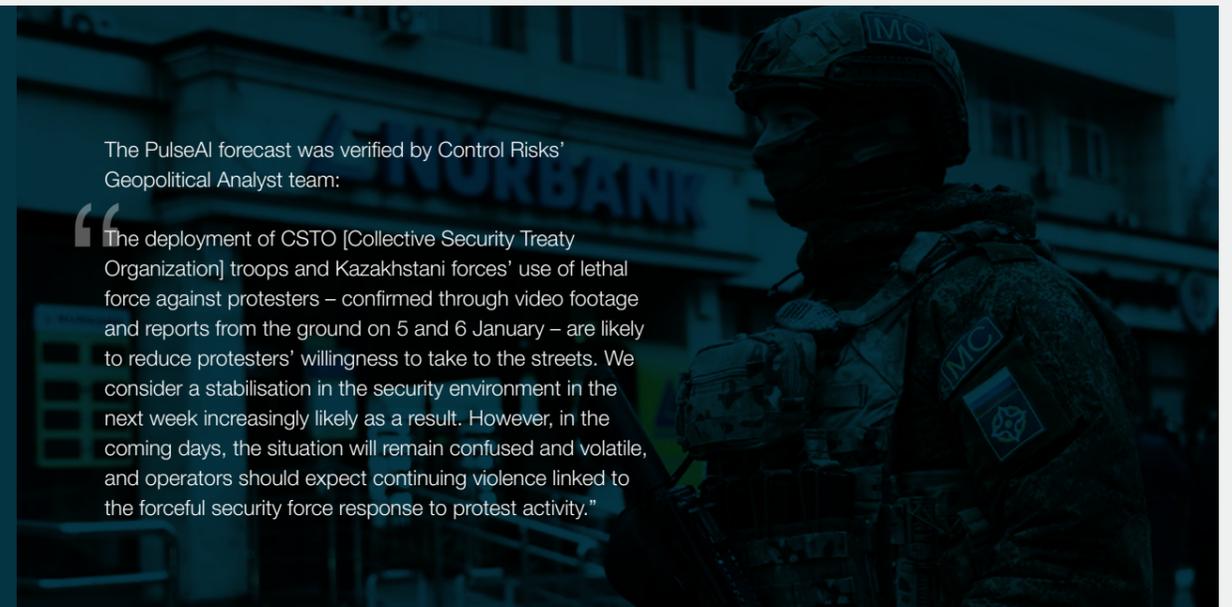### 5 January 2022

State of Emergency declared

CORE's Security and Civil Unrest Risk Ratings for the whole of Kazakhstan were increased from 'Low' to 'Medium'.

6 January 2022

Russian-led forces deploy to Kazakhstan

On January 6, as Russian-led forces deployed to Kazakhstan to try and control the situation, PulseAI recovered one point and forecast a short-term rise in stability.

The PulseAI forecast was verified by Control Risks' Geopolitical Analyst team:

"The deployment of CSTO [Collective Security Treaty Organization] troops and Kazakhstani forces' use of lethal force against protesters – confirmed through video footage and reports from the ground on 5 and 6 January – are likely to reduce protesters' willingness to take to the streets. We consider a stabilisation in the security environment in the next week increasingly likely as a result. However, in the coming days, the situation will remain confused and volatile, and operators should expect continuing violence linked to the forceful security force response to protest activity."

Armed with the unique and unrivalled network of on-the ground sources and real-time reporting from news outlets and social media channels, security and operations teams can use Core+ Hyperion to share timely information with teammates and stakeholders to make quick, strategic decisions.

*PulseAI is a machine learning model that generates continuously updating risk assessments for every country, 1,200 cities, and 6,000+ regions - covering every spot on the globe. Pulse learns what normal risk patterns look like anywhere in the world. These patterns allow the strategic thinker to identify long-term trends and the tactical operator to act when stability is impacted by disruptive events.