

# OSAVUL AND AWS: STRATEGIC INTELLIGENCE IN THE CLOUD

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Watch the [full video](#) of our co-founder Dmytro Bilash and Luke Openshaw (Defence Industry Lead, NATO&Europe at AWS).



# Introduction

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Osavul is a technology company that offers AI-driven solutions for pre-emptive situational awareness for important security missions.

Our mission is to empower governments, security organizations, and enterprises to effectively counter hostile threats across cyber, hybrid, information, and physical domains and secure a **competitive advantage** by providing **OSINT-powered AI** that delivers **pre-emptive situational awareness**.

Leveraging our experience, we help partners in the EU, US, and APAC regions pre-empt threats and mitigate the associated risks.

Our platform collects around 500 million data points on a monthly basis, providing top-level situational awareness to partners.



Osavul uses AWS cloud capabilities to scale its performance and expand the module portfolio. Currently, our company offers three main modules.

# Modules

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## Nebula

**Osavul's Nebula** is an analytical module that delivers pre-emptive situational awareness for volatile information environments. Built for security and intelligence analysts, Nebula enables global access to hard-to-reach data, detects information threats in real time, and provides deep narrative and sentiment analysis through AI-powered search. With advanced AI models and a field-proven analytical toolkit, it empowers teams to anticipate, understand, and respond to information threats before they escalate.

## Echo

**Osavul's Echo** is an AI-powered module for real-time analysis of public opinion. It enables analysts and decision-makers to track sentiment and narratives in any region, or language. By leveraging open-source data and advanced AI models, Echo automatically monitors news events and public opinions, providing timely insights to support informed decision-making.

## Janus

**Janus** is an advanced pre-emptive threat intelligence module designed to assess the full spectrum of cyber and geopolitical risks. By identifying intent, Janus uncovers which actors - such as APTs, hacking groups, or state-affiliated operatives - pose a threat. It then analyzes opportunities by evaluating cybersecurity data, asset vulnerabilities, and supply chain risks to determine when those threats may be exploited. Analyzing intent, opportunity, and capacity, Janus enables **pre-emptive threat detection** and **scenario-based risk modeling**, arming organizations with actionable intelligence to disrupt attack planning before it materializes.

# Case methodology

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This case demonstrates how our solutions help analysts understand the key narratives around the tariff war and our capabilities in providing situational awareness in volatile environments.

We collected data from 20 countries with the strongest economies to find out how they reacted to the new US tariff policy in the period from February 1st, 2025 to April 1st, 2025. We also added 10 countries that received some of the highest tariffs to find out how they reacted.

For our research, we only used data from sources affiliated with the states' official websites and representative offices, or sources affiliated with governments.

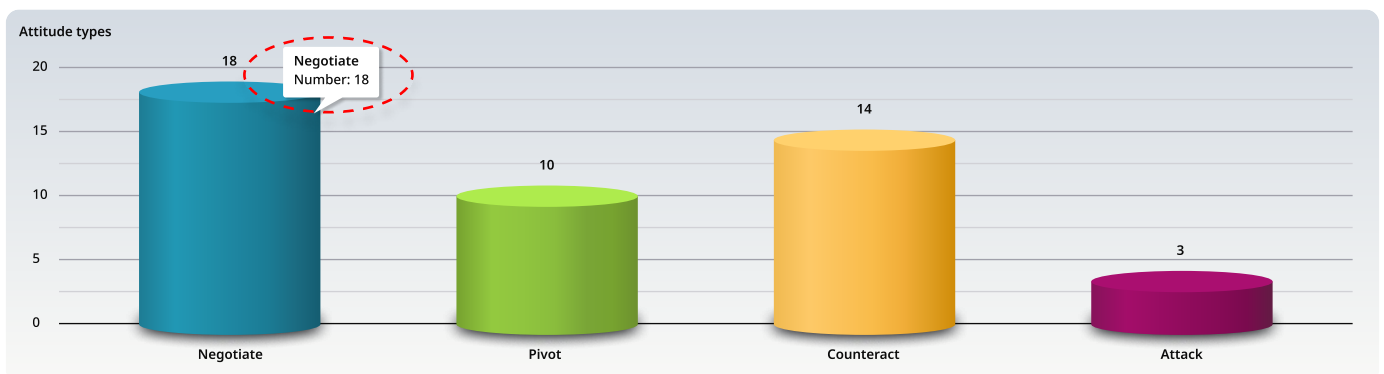
The platform identified four main types of reactions: **attack**, **counteract**, **negotiate**, and **cooperate**.

**Attack** refers to aggressive responses from countries and attempts to impose harsh countermeasures against the US.

**Counteract** also implies the intention to introduce countermeasures, but only for the purpose of responding and defending oneself.

**Negotiate** reactions indicate a willingness on the part of governments to negotiate with the US in order to achieve the most favorable conditions for their economies.

**Cooperate** reactions do not refer to direct responses to the US, but rather to attempts to quickly establish ties with other countries in order to strengthen their alliances in changing economic conditions.



# China's reaction

01/04/25 - 30/04/25

☰ Stories

3 Apr - 25 Apr 2025

CHINA responds with firm retaliations and calls for dialogue through multilateral channels

★ 76 CCC Attack

Rating Actors Attitude

1 Apr - 19 Apr 2025

RUSSIA amplifies U.S. trade chaos to portray the West as unstable and in decline.

★ 72 RRK Counteract

Rating Actors Attitude

**CHINA responds with firm retaliation and calls for dialogue through multilateral channels.**

Tariff Rate Before Adjustment: 35%  
Tariff Rate After Negotiations: 145%

**Summary**

ACTORS

91

PUBLICATIONS

762

VIEWS

2.09M

REACTIONS

31.3k

**Attitudes** Publications

84

96

89

436

■ NEGOTIATE: 12.00%

■ PIVOT: 14.00%

■ COUNTERACT: 13%

■ ATTACK: 62%

For instance, China is the only country on our list that actively attacked the US in response. At the same time, we see that it is the only country that demonstrated the other three responses too.

Additionally, China insisted that such a tariff policy was not beneficial to either country and called for negotiations, at the same time cooperating with Vietnam and the EU to strengthen its economic position in other markets. Nevertheless, the attack remained their main response to the US.

**Top opinions**

China-U.S. trade is mutually beneficial; cooperation is key, confrontation harms both nations and global economic development.

★ 3 CPX Negotiate

Rating Actors Attitude

China retaliates against increased US tariffs by raising tariffs on US goods and adding US entities to its export control list.

★ 3 CCN Counteract

Rating Actors Attitude

China and the EU pledge joint efforts to uphold the multilateral trading system amid concerns over US tariffs and economic stability.

★ 2 CCP Cooperate

Rating Actors Attitude

Xi urges China and Vietnam to deepen cooperation, build a shared future, and promote regional and global peace, stability, and prosperity.

★ 2 PGN Cooperate

Rating Actors Attitude

China urges US to end tariffs, advocates for multilateralism, and seeks dialogue to resolve trade differences with partners.

★ 2 CCG Negotiate






Rating Actors Attitude

< 1 2

Also, the dashboard demonstrates data around top actors - who spoke the most.

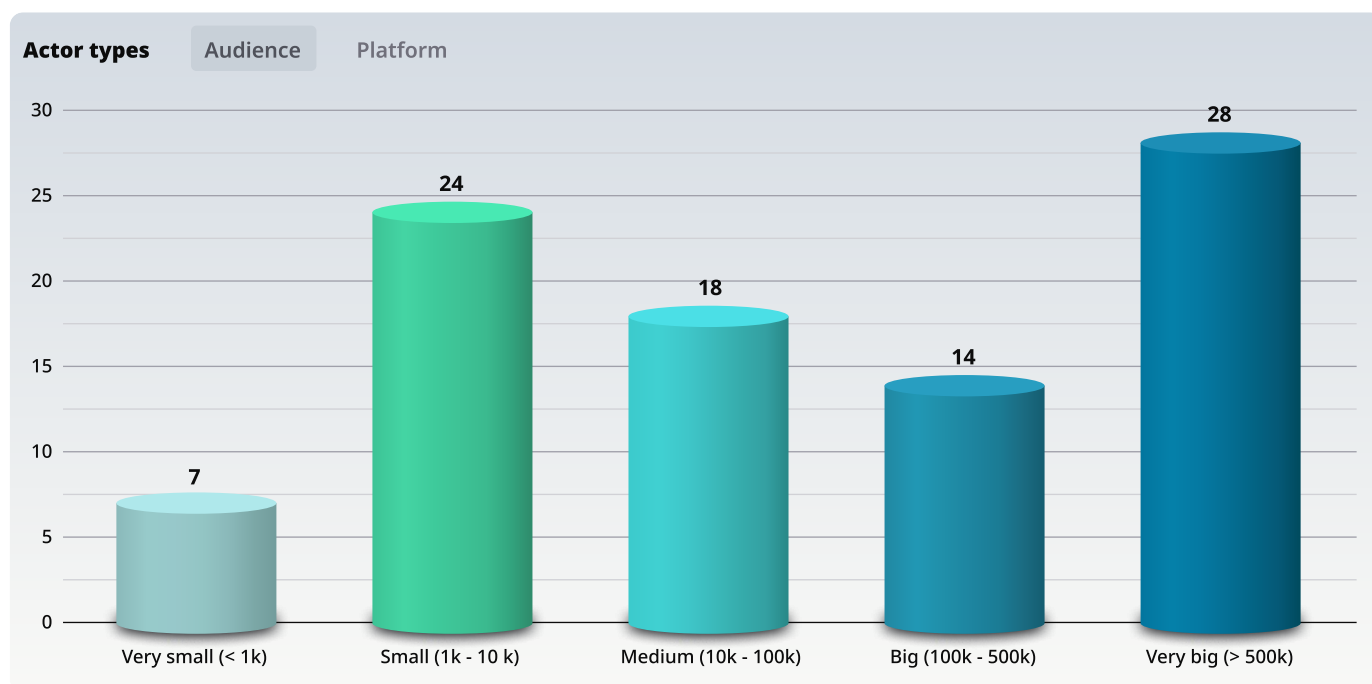
**Tops**   **Actors** ⓘ

TOP ACTORS BY AUDIENCE

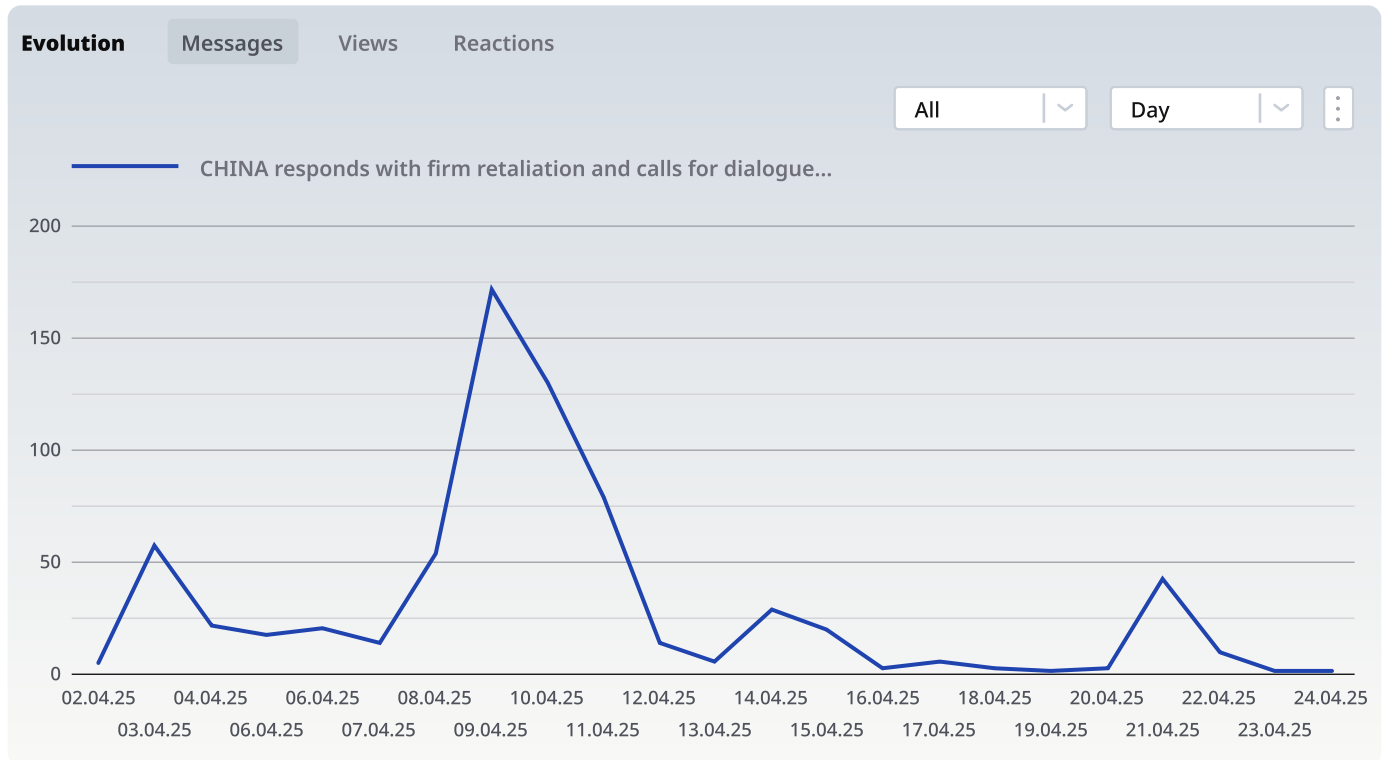
| Actor   | Audience | Location                 | Messages |
|---|----------|--------------------------|----------|
|  CGTN                | 123M     | United States of America | 10       |
|  China Daily         | 115M     | China                    | 3        |
|  China Xinhua News   | 97M      |                          | 17       |
|  People Daily, China | 84M      |                          | 3        |
|  Global Times        | 77M      |                          | 4        |

1 2 3 ... 19 >

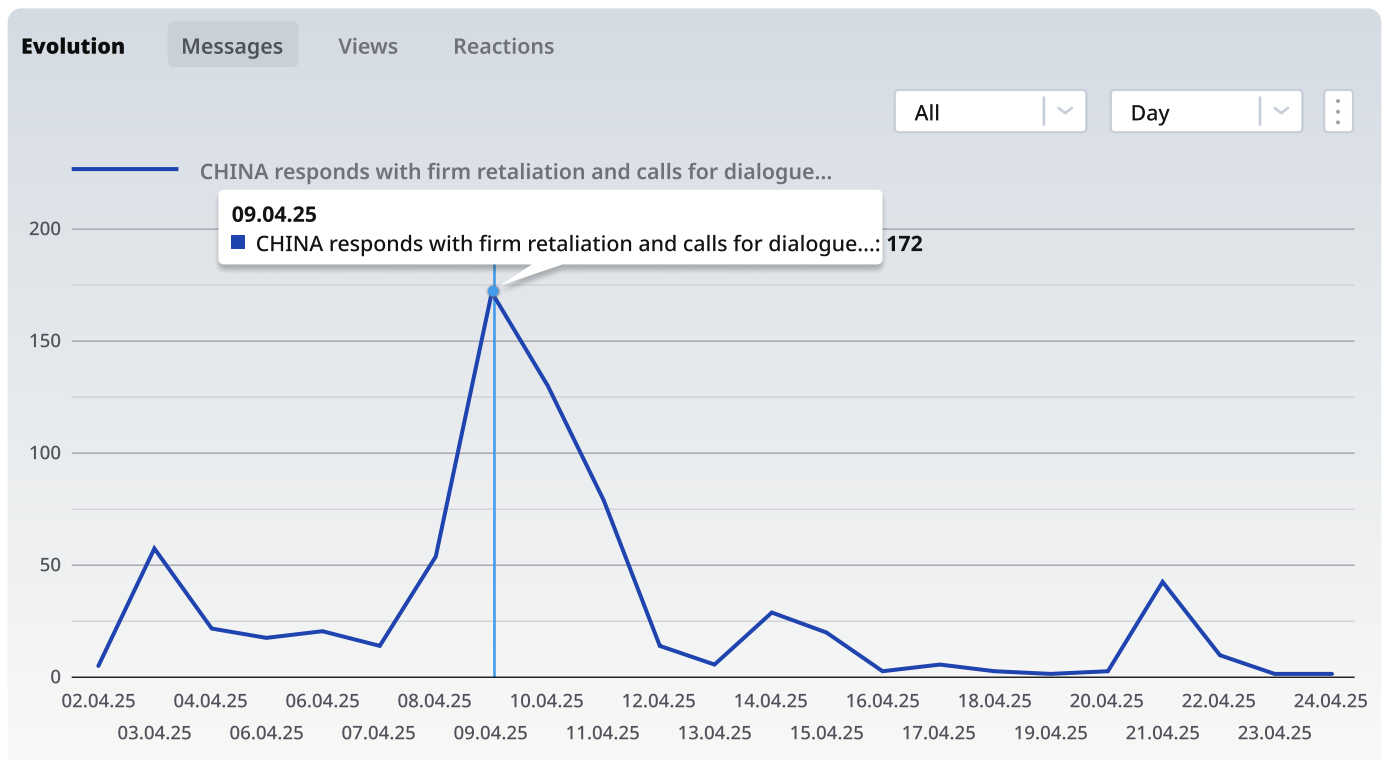
And the size of their audience.



The Nebula system also allows users to see the evolution of the message.



Here you can also see spikes and detailed information, for example, for China the biggest spike was on April 9th, 2025, when the country raised its tariffs on U.S. goods to 84%, almost three times higher than before.



# European Union reactions

The dashboard for the EU as a whole and for some member states also shows a notable response. The EU declared its readiness to counteract.

**Top opinions**

|   |                 |                  |                        |
|---|-----------------|------------------|------------------------|
| Europe proposes zero tariffs on industrial goods with the US, but is prepared to retaliate against unfair trade practices.        | ★ 5<br>Rating ⓘ | EU E<br>Actors ⓘ | Counteract<br>Attitude |
| Discussed US tariffs' impact, security/defense, and the upcoming EU-UK Summit with Keir Starmer.                                  | ★ 1<br>Rating ⓘ | EU E<br>Actors ⓘ | Cooperate<br>Attitude  |
| Bernd Lange will comment on Trump's new trade measures announcement on April 3rd, 2025, following previous US-EU tariff disputes. | ★ 1<br>Rating ⓘ | EU E<br>Actors ⓘ | Counteract<br>Attitude |
| US tariffs harm global businesses/consumers; Europe will protect its interests, engage, and seek negotiation over confrontation.  | ★ 1<br>Rating ⓘ | EU E<br>Actors ⓘ | Counteract<br>Attitude |
| EU to impose trade countermeasures on US steel/aluminum tariffs from April 15, seeking a negotiated solution.                     | ★ 0<br>Rating ⓘ | EU E<br>Actors ⓘ | Counteract<br>Attitude |

However, a separate analysis of countries like Italy shows that its government took an active stance, which in the early days differed from the general position of the European Union. From the outset, the Italian government rejected the idea of confrontation and took on the role of negotiator.

|   |   |
|---|---|
| <p>3 Apr - 18 Apr 2025</p> <p><b>ITALY</b> seeks US deal amid internal splits on protectionism and integration strategy.</p> <p>★ 3<br/>Rating ⓘ</p> <p>CP C<br/>Actors ⓘ</p> <p>Negotiate<br/>Attitude</p>             | <p>7</p> <p>3</p> <p>NEGOTIATE: 70.00% COOPERATE: 30.00% COUNTERACT: 0% ATTACK: 0%</p>  |
| <b>Top opinions</b>   |   |
| <p>3 Apr - 6 Apr 2025</p> <p>MEXICO has maintained a diplomatic stance, seeking to resolve disputes through dialogue and cooperation.</p> <p>★ 0<br/>Rating ⓘ</p> <p>RCS<br/>Actors ⓘ</p> <p>Cooperate<br/>Attitude</p> | <p>US tariffs on the EU are wrong and harm both sides; Italy seeks a deal to avoid a trade war and protect its economy.</p> <p>★ 2<br/>Rating ⓘ</p> <p>CF I<br/>Actors ⓘ</p> <p>Negotiate<br/>Attitude</p>                                  |
| <p>6 Apr - 11 Apr 2025</p> <p>MALAYSIA defends interests, seeks U.S. talks while avoiding confrontation.</p> <p>★ 0<br/>Rating ⓘ</p> <p>RC<br/>Actors ⓘ</p> <p>Cooperate<br/>Attitude</p>                               | <p>Minister Urso seeks US free trade agreement (like TTIP), despite Meloni's past opposition to such deals and current protectionist consequences.</p> <p>★ 0<br/>Rating ⓘ</p> <p>CG<br/>Actors ⓘ</p> <p>Negotiate<br/>Attitude</p>         |
|   | <p>Wars and trade wars accelerate global change. Italian and European politics need deeper integration to counter nationalism and build a stronger Europe.</p> <p>★ 0<br/>Rating ⓘ</p> <p>BB<br/>Actors ⓘ</p> <p>Cooperate<br/>Attitude</p> |

Analysis of Italy's reaction also reveals different positions on this issue within the country itself. For example, we see criticism of Prime Minister Giorgia Meloni by Italian Minister Adolfo Urso, who said that Italy is facing the consequences of the policies of the Italian right, which for a long time rejected the free market with the US, which was actively promoted by President Obama. Minister Urso calls for a return to this position and argues that it is not enough to negotiate with the US on tariff reductions, but that duty-free trade should be sought. Thus, our platform reflects different positions not only between countries but also within them, as seen in Italy.

**Top opinions**

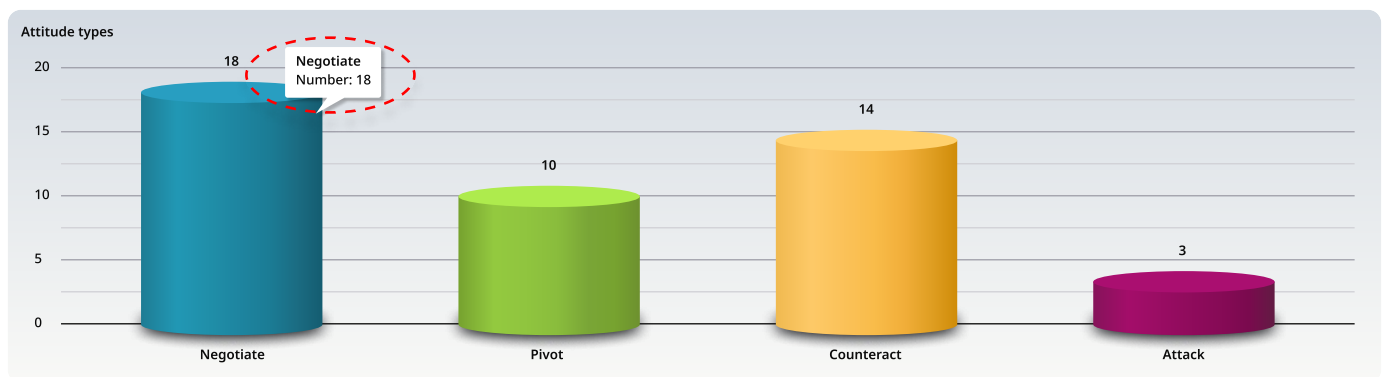
|   |                 |                   |                       |
|---|-----------------|-------------------|-----------------------|
| US tariffs on the EU are wrong and harm both sides; Italy seeks a deal to avoid a trade war and protect its economy.                                    | ★ 2<br>Rating ⓘ | G P I<br>Actors ⓘ | Negotiate<br>Attitude |
| Minister Urso seeks US free trade agreement (like TTIP), despite Meloni's past opposition to such deals and current protectionist consequences.         | ★ 0<br>Rating ⓘ | C G<br>Actors ⓘ   | Negotiate<br>Attitude |
| Wars and trade wars accelerate global change. Italian and European politics need deeper integration to counter nationalism and build a stronger Europe. | ★ 0<br>Rating ⓘ | B B<br>Actors ⓘ   | Cooperate<br>Attitude |

# Overview of the reactions

Our aggregate report in Nebula also provides data where we can analyze the situation regarding the new US tariff policy as a whole. For instance, the data reveals countries that have shown more than two different reactions, which is valuable insight into countries that are either balancing in complex geopolitical conditions, such as Kazakhstan, or are flexible in their approaches in an attempt to find the most advantageous, such as Brazil.

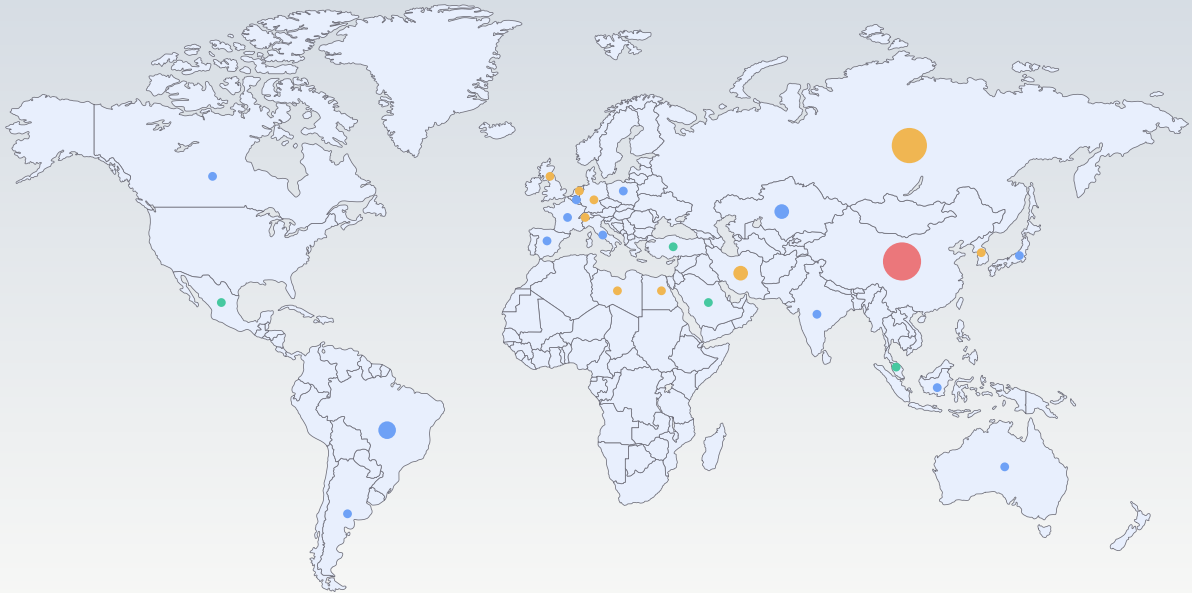


Overall, the aggregated data shows that the desire to negotiate to achieve favorable terms is dominant.



We can also see the dominant reactions of countries on the map and check which opinions are characteristic of a particular country.

Geo



Aggregated data for all countries analyzed also shows the most prevalent opinions — those that generated the highest volume of messages and reactions.

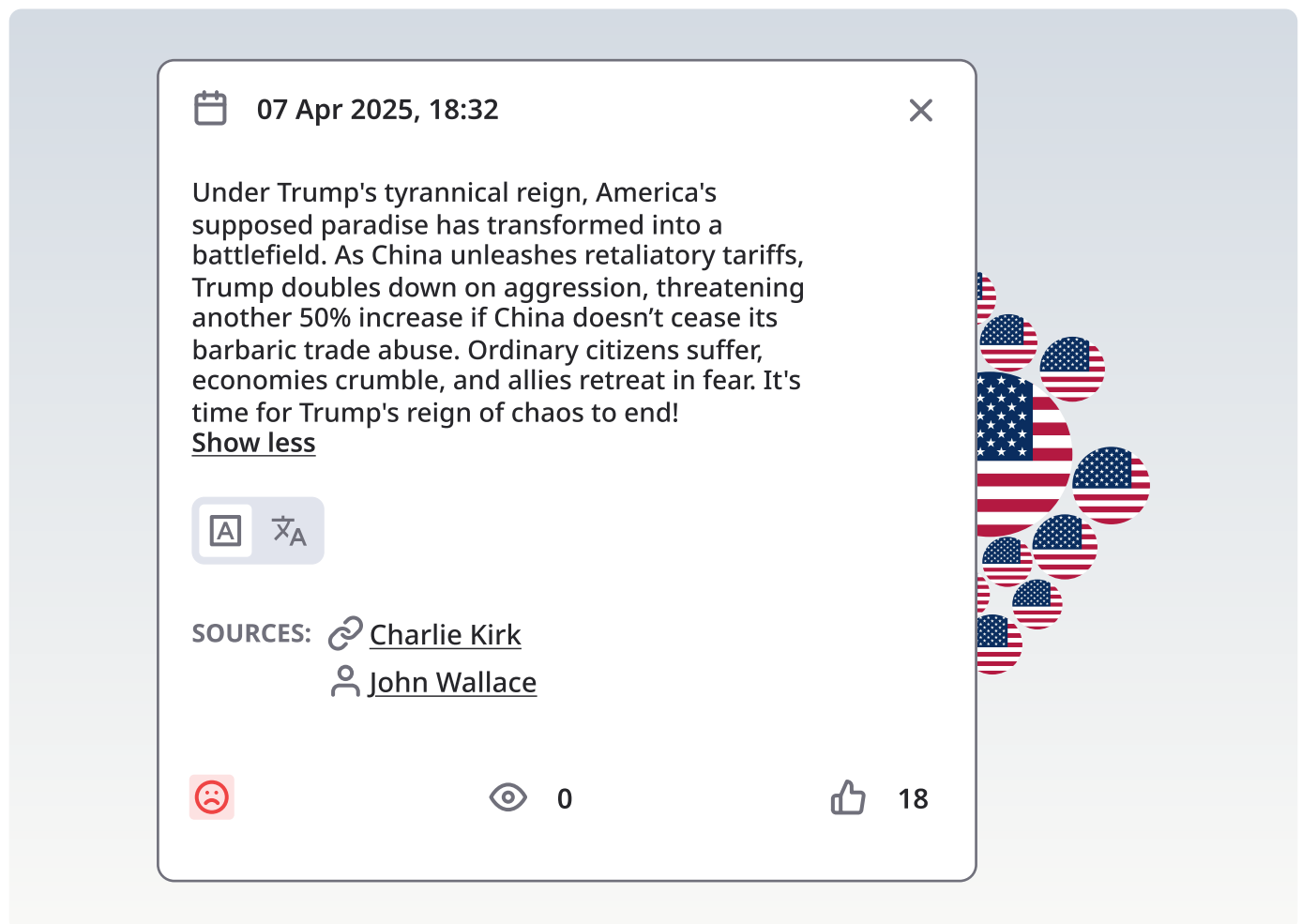
Top opinions

|  |  |                |        |                        |
|--|--|----------------|--------|------------------------|
|  | Trump threatens 50% tariffs on Chinese goods if China doesn't rescind its industry tariffs by April 9th.   | ★ 14<br>Rating | Actors | Counteract<br>Attitude |
|  | China opposes US "reciprocal tariffs," calling them protectionist and harmful, and will take countermeasures to protect its interests.             | ★ 9<br>Rating  | Actors | Attack<br>Attitude     |
|  | Lula invited Denmark's PM to Brazil to discuss EU-Mercosur deal, COP-30, Ukraine war, and multilateralists offering support to Greenland.          | ★ 6<br>Rating  | Actors | Pivot<br>Attitude      |
|  | Trump's protectionist policies, including tariffs, aim to reshape globalization in favor of the U.S., risking trade wars and economic disruptions. | ★ 1<br>Rating  | Actors | Counteract<br>Attitude |
|  | Trump's import tariffs trigger global market shock and retaliation threats, prompting countermeasures from governments and companies.              | ★ 0<br>Rating  | Actors | Counteract<br>Attitude |

# Threats detected by the system

Additionally, our platform can detect inauthentic activity and analyze narratives which these kinds of actors attempt to develop. There are 5 identified threats.

## 1. CIB Trump tyrannical rule (with variations)



A coordinated bot network is distributing AI-generated messages in the comments section of Telegram channel posts. These messages criticize Trump's policies, describing them as 'tyrannical' and part of a 'trade war'. The style of the AI-generated content is unusual—pompous, almost poetic, and unlike typical comment formats. An analysis of the bot activity within the comments reveals that the network seems to be trained to respond to various trigger phrases in publications. Notably, there have been critical messages not only targeting Trump and the Republicans but also directed at the Democrats, specific individuals, and even particular issues.

## 2. CIB "Trump didn't invent tariffs" spam

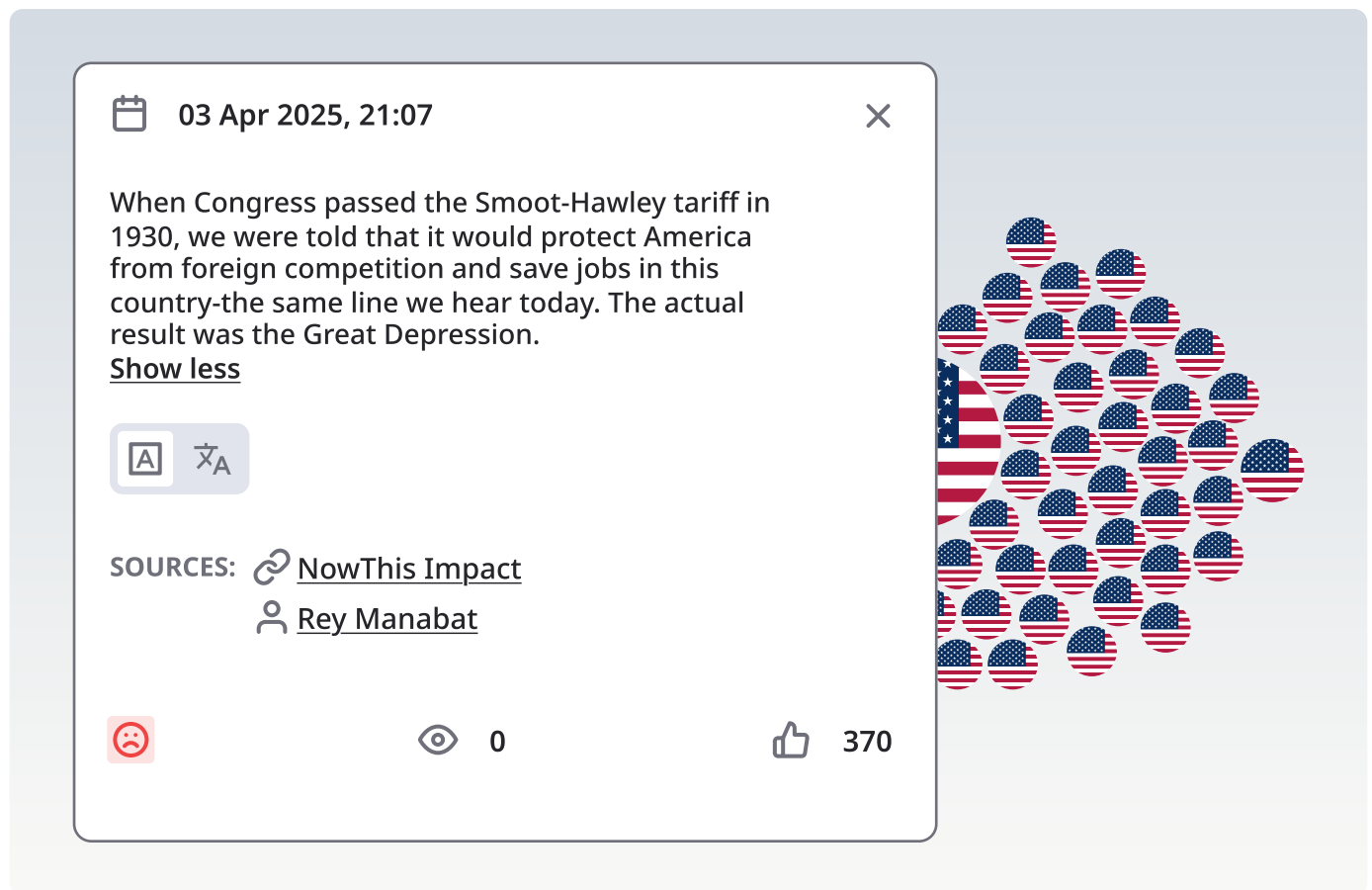
Giuseppe Conte

You, on the other hand, have done so much to improve healthcare that we haven't noticed.

Trump's tariffs are the new media frenzy . But Trump did n't invent tariffs; they've existed for centuries as trade policy tools; they weren't introduced by chance just because he walked out with a placard. Yes, it's a theatrical display, presented in his usual theatrical style. But the way they're being sold to us makes it seem like tariffs are a byproduct of something out of nowhere, like he invented them. No, Obama imposed tariffs, Biden imposed tariffs, Bush imposed tariffs, etc. imposed tariffs. The European Union imposes tariffs on certain imports to protect its own economic and commercial interests. But if we want to give it to recent history, already in 2002 Bush imposed 30% tariffs on steel, and in 2009 Obama imposed 35% tariffs on Chinese tire imports in response to trade practices deemed unfair. In the same year, the United States threatened 300x100 tariffs on French Roquefort cheese in retaliation for the French ban on the import of hormone-treated beef. But the curious small thing is that that cheese represented just 0.0001% of Europe's imports. 🤔 In practice, the United States used a smelly but symbolic cheese to send a political message, without actually hurting anyone, a theatrical Americanism, a trade war that made more headlines than it did. Understand? The French, for their part, ironically responded: punishing rock is as bad as banning the Mona Lisa. And those tariffs were withdrawn. In 2018, Trump imposed them on most products from China, Canada, Mexico, and the European Union, completely disregarding the press, which was already overwhelmed by a slew of events more emotionally engaging than the tariffs. In 2024, Biden maintained and expanded some of the tariffs he imposed on Chinese goods by introducing new tariffs on electric vehicles, semiconductors, and other strategic imports. China, in turn, imposed them on American agricultural and industrial products, as did the European Union. He responded with tariffs on Harley-Davidsons, bearings, and other American products. Even our VAT, considered by Americans to be a sort of duty added to the final price for the consumer, is a trade barrier that increases the cost of imported products. Consider that even today, many American tourists, when they receive an Italian receipt with VAT included, believe it to be a mandatory tip or a tourist tax. 🤔 Even Mario Draghi a few months ago declared that Europe has imposed tariffs (5% on agricultural engineering, 45% on production and 110% on services). These are the real duties. If you've noticed, you don't see American cars here, but if you go to America, you see BMWs, Volkswagens, Volvos, Ferraris, Lamborghinis, etc. And it's certainly not because American cars are big — our SUVs are no different, eh? I'll give you a curious little fact: America also imposed tariffs in 2016, no one said anything, but between 2016 and 2018, Italian exports to the United States increased by 13%. They increased, not decreased, by 13%. Another example is that of Prosecco: before and after the tariffs, the average import price in America was \$4.58 per bottle. The new figures have an impact of 20%, so the new price is \$5.54. We're talking about a difference of 96 cents per bottle. The retail price of Prosecco in America ranges from \$15 to \$25 a bottle. Even a child can understand that a difference of 96 cents can't cause Prosecco sales to collapse in America. At most, they'll enjoy them, except that they earn \$10 or \$20 each. Ultimately, in my opinion, tariffs can harm trade. But they give the press plenty to write about.

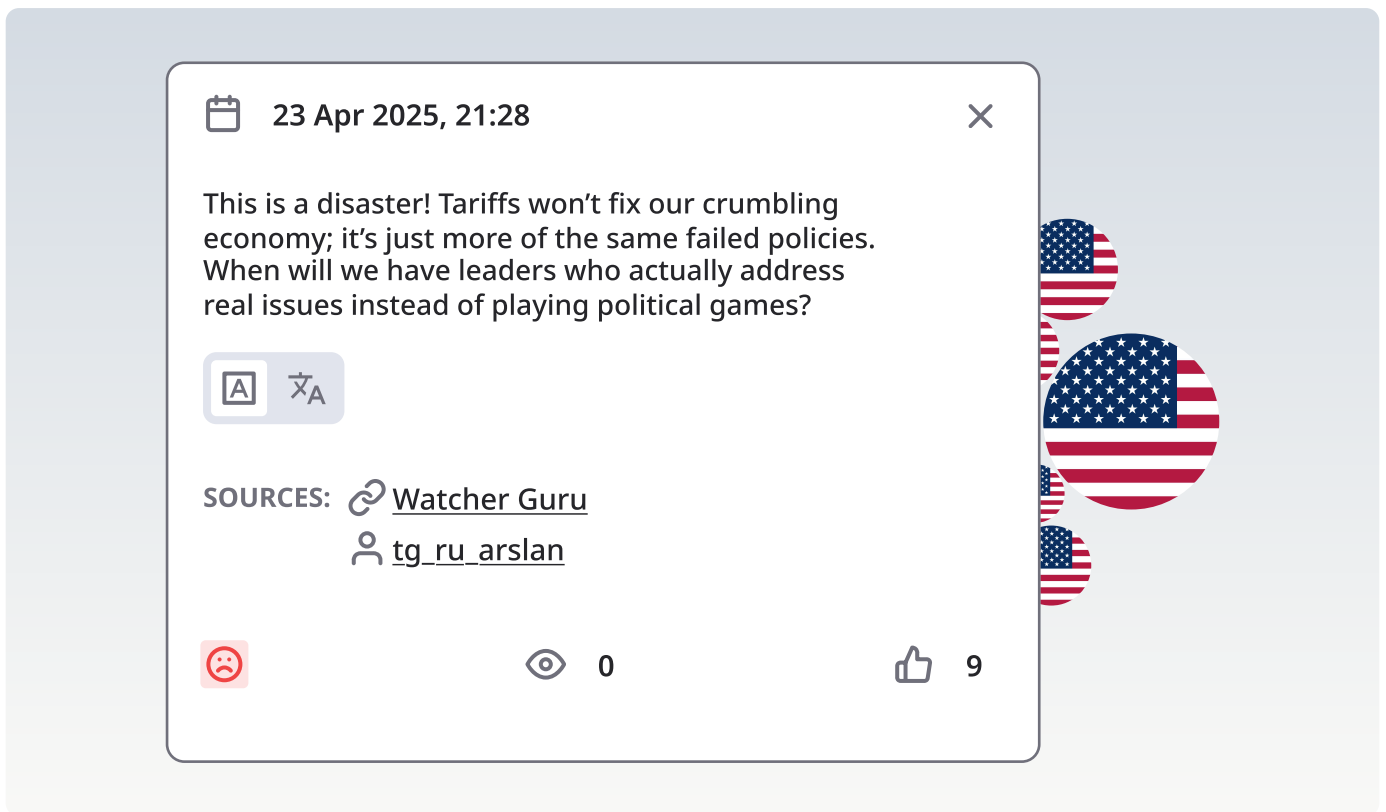
Italian language CIB comments under publications of politicians and media. These comments argue that Trump didn't invent tariffs as such and historically they existed much earlier. Messages themselves are spread by multiple sources multiple times in the same comment section (as an answer to other users comments) in the format of long messages (more than 600 words). The text itself seems to be quote of Silver Nervuti from the following [video](#).

### 3. CIB "1930s tariff taxes worsened the Great Depression" spam



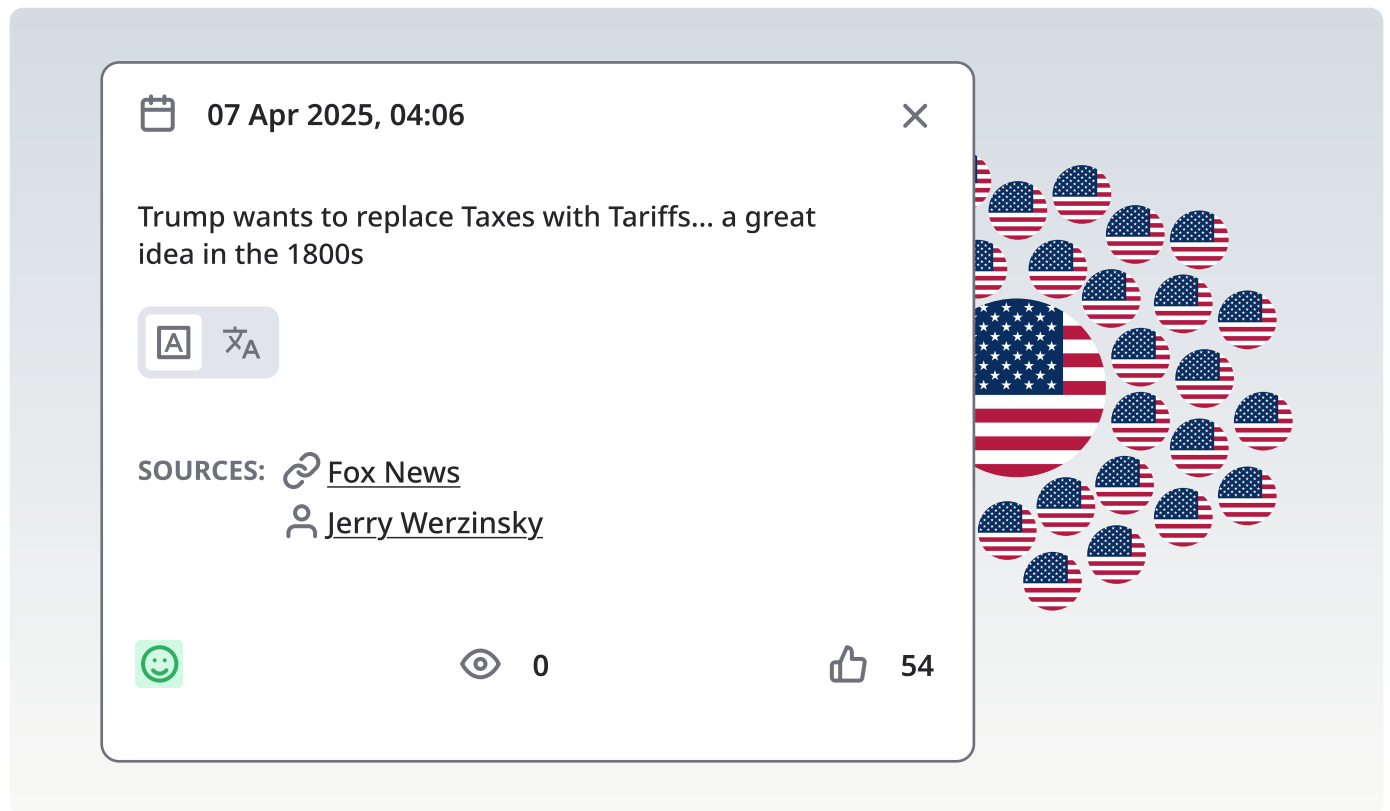
Identical spam messages in comments comparing current tariff policy to the 1930s Great Depression. Multiple messages are left by the same profiles and correspond across different profiles suggesting inauthentic nature of the profiles.

## 4. CIB "Like UK" bot spam





Identical comment spam with statements that the US will become poor "like the UK" as a result of tariff policy. All identified messages left by accounts that show signs of coordinated inauthentic activity.



## 5. CIB "Trump wants to replace Taxes" spam






07 Apr 2025, 04:06

Trump wants to replace Taxes with Tariffs... a great idea in the 1800s

SOURCES:  [Fox News](#)  
 [Jerry Werzinsky](#)

  0  54

# Conclusion

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This case study shows how Osavul's **AI-powered situational awareness platform**, built on AWS cloud infrastructure, enables governments and analysts to interpret global reactions to political and economic events — in this case, tariffs.

By processing **over 500 million open-source data points** monthly, Osavul's system translates complex information flows into actionable insights. In the tariffs example, it identified four key types of responses — **attack, counteract, negotiate, and cooperate** — across 30 nations, revealing not only national-level trends but also internal divisions within countries like Italy. The analysis also detected **coordinated inauthentic behavior (CIB)**, showing how disinformation networks amplify certain narratives to manipulate perceptions.

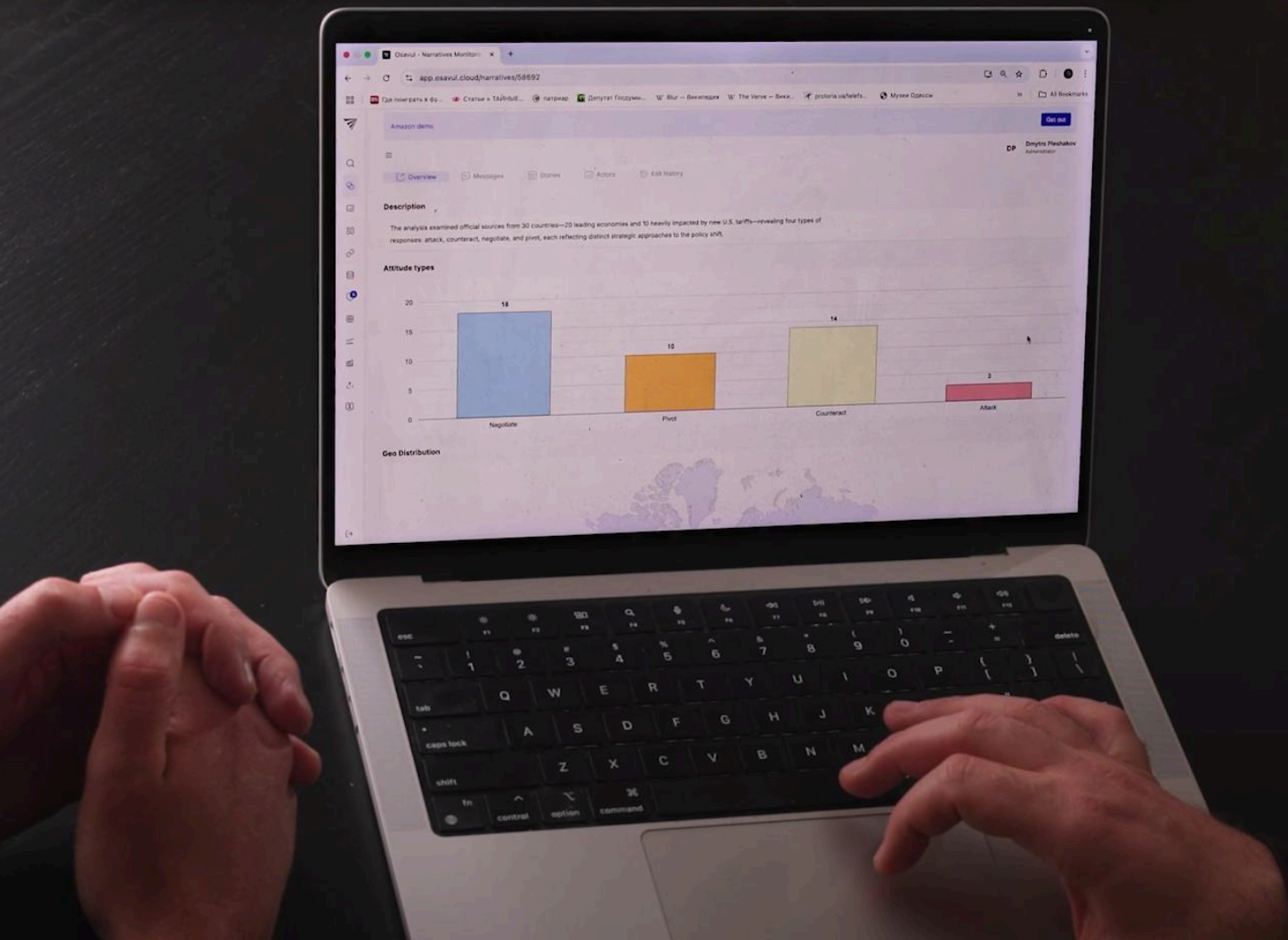
## How Analysts Can Use Osavul

Analysts use Osavul's **Nebula, Echo, and Janus** modules across **multiple domains**, transforming open-source data into operational intelligence that drives real decisions.

The **AI-powered platform** connects social, geopolitical, and cyber indicators in a single analytical view. Intelligence and defense analysts use it to track how influence operations and hybrid threats evolve — identifying intent, timing, and key actors before escalation. Strategic communication teams monitor narratives across languages, measure audience impact, and adjust messaging in real time.

For governments and private partners in geopolitically exposed regions, Osavul provides **early warning** of Foreign Information Manipulation and Interference (FIMI) — revealing who is shaping the conversation, how narratives spread, and where risks to reputation or stability emerge.

Through AI automation and visualization, Osavul enables analysts to identify anomalies, uncover threats, and act faster. Reports that once took weeks can now be produced in hours, giving decision-makers objective, data-driven insights. By combining **AI precision** with **OSINT scale**, Osavul helps teams move from reactive to **proactive intelligence** — a decisive advantage in today's hybrid information warfare environment.



Watch the [full video](#) of our co-founder Dmytro Bilash and Luke Openshaw (Defence Industry Lead, NATO&Europe at AWS).

