

## COMBATING FAKE NEWS

*Klarrio Helps NATO Detect Emerging Digital Warfare Threats Via Real Time Advanced Analytics*

### CHALLENGE

NATO member organisations are facing digital warfare threats from fake news and other disinformation propagated by multiple foreign entities, including Russia.

To address the challenge, NATO's Strategic Communications (StratCom) Unit was seeking a range of new digital, data-driven decision support tools and capabilities to combat these emerging threats.

Together with partners, Klarrio built a range of analytics applications to address NATO's challenge.

### APPLICATION

The first set of applications, built by Klarrio and partners, focused on analysing fake news propagated through text, image and video tweets. Live analysis dashboards, with updates every minute, were created to track total and suspicious Twitter activities. Both static and snapshots of dynamic data were presented in the form of automated weekly reports.

The second set of applications were aimed at analysing fake news generated during a one-week period of the largest military activity since the cold war (NATO Trident Juncture - TJ18).

Klarrio, together with partners scraped more than 30,000 news sites and used sophisticated machine learning techniques to analyse the data. In conjunction with our partner, Datylon, data was aggregated and managerial PDF reports were generated, providing regular daily updates to NATO generals (both in the field and at HQ). In addition, an interactive user interface (UI) was developed for NATO to analyse the different articles.

### IMPLEMENTATION

Thanks to Klarrio, these real-time streaming and analytics applications were demonstrated on a Next Generation Technology based on an implemented cloud-native platform.

Klarrio, in collaboration with its partners, was also able to demonstrate applications to be exploited by NATO to address digital warfare threats under a full range of peacetime and operational scenarios.

## USE CASE

DEFENSE - INTELLIGENCE

### CONTACT US

KLARRIO BELGIUM

Tel: +32 (0)3 331 99 33

Email: [info@klarrio.com](mailto:info@klarrio.com)

[www.klarrio.com](http://www.klarrio.com)



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