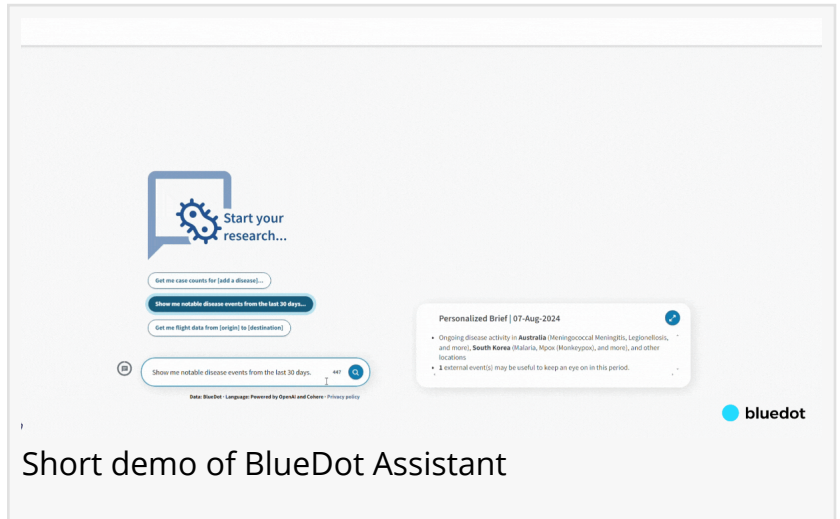


# BlueDot unveils next-gen global infectious disease surveillance solution, cutting manual detection time by nearly 90%

*Powered by generative AI, users can now automate analysis and receive personalized insights; greatly reducing the time spent on manual workflows*

TORONTO, ONTARIO, CANADA, August 8, 2024 /EINPresswire.com/ -- [BlueDot Inc.](https://www.bluedot.com), a global leader in infectious disease surveillance, announced the launch of BlueDot Assistant and Personalized Briefs to enable global organizations and governments to identify, anticipate, and respond to infectious disease threats on a local and global scale.



Short demo of BlueDot Assistant

These are the latest innovations in BlueDot's AI-powered infectious disease surveillance solution, which is used by government organizations to simplify and streamline the horizon scanning process of collecting, triaging, and verifying mass amounts of data to detect early signs of potentially disruptive infectious disease outbreaks worldwide.

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"The launch of BlueDot Assistant and Personalized Briefs marks a significant advancement in providing relevant and personalized insights to our clients through cutting-edge technology,"

*Dr. Kamran Khan, Founder and CEO of BlueDot*

BlueDot Assistant leverages Cohere and Open AI's combined technology to provide a ChatGPT-like interface between users and BlueDot's global health and novel datasets. Using natural language, users can get answers to critical questions impacting public health; such as emerging disease activity in specific locations, potential transmission to other geographical locations, and more.

Initially launched in July 2023 as a beta trial, one national surveillance team saw a reduction in their weekly horizon scanning activities by 88 percent.

In addition, BlueDot clients can now receive Personalized Briefs, which are daily or weekly snapshots of disease activity relevant to locations defined by the user. Included in Personalized Briefs are pre-cleansed and consolidated case statistics across thousands of global media and official sources, rapid risk assessments by BlueDot's expert team on emerging events of high-concern, emerging influenza-like-illness trends, and more.

"The launch of BlueDot Assistant and Personalized Briefs marks a significant advancement in providing relevant and personalized insights to our clients through cutting-edge technology," said Dr. Kamran Khan, Founder and CEO of BlueDot. "Grounded in trust and transparency, and enhanced by our subject matter experts, our solutions ensure timely and precise public health responses, thereby strengthening resilience."

BlueDot's [horizon scanning workflow](#) is now supported by four key products:

- BlueDot Assistant: Instant and streamlined access to BlueDot's global infectious disease intelligence database using natural language prompts, to generate pre-made tables and downloadable CSV files.
- Personalized Briefs: Routine reporting of key statistics on emerging disease activity relevant to your location(s) of interest across thousands of global media and official sources.
- Event Alerts: Expert-written rapid risk assessments on emerging disease activity that pose a threat to global health, delivered to your inbox in near real-time.
- Intelligence Reports: Comprehensive expert-written reports that provide deep analysis of emerging events that pose a threat to global health.

"BlueDot's Personalized Briefs save me valuable time each day. The structured format, featuring different activity timeframes [last 3 months, 7 days, and 24 hours], allows me to effortlessly compare outbreaks across countries and quickly identify which diseases require the most attention", stated Jieun Lee, Researcher, MSc, Infectious Disease Research Center, Korea Research Institute of Bioscience and Biotechnology.

BlueDot's five mandates that govern the development of AI systems, that ensure transparency, reliability, accountability, safety, and trustworthiness, are embedded within BlueDot Assistant. These mandates uphold the standards set in the Government of [Canada's Voluntary Code of Conduct](#) for the Responsible Development and Management of Advanced Generative AI Systems, of which BlueDot is a signatory. BlueDot continues to provide API access for direct integration of their intelligence into existing workflows.

Jenny Cade

The screenshot displays a 'Personalized Brief' interface with the following sections:

- Personalized Brief** (As of 06-May-2024)
- Notable Events in Your Locations**:
  - Mpox (Monkeypox) in Democratic Republic of the Congo** (Alert 04 | 06-May-2024 | Medium Concern)
    - A cluster of the Mpox virus (MPXV) Case 26 in the Congo (LSD) has been reported (published on 6 May 2024) in the Democratic Republic of the Congo (DRC). Two previous reports published on 5 May 2024 in the same region suggest the virus is spreading further into the region, and identified possible spread route of MPXV Case 26 (transmission: sexual activity involving heterosexuals).
    - Contextual Information**
      - The outbreak continued in the Kivu region in the DRC's South Kivu province has been under way since August 2023. Since then, more than 240 cases and at least three deaths have been confirmed.
- Disease Activity in Your Locations**:
  - Canada, aggregated nationally**:
 

Disease	Daily disease activity (7 days)	Reported cases (Last 7 days)	Reported cases (Last 30 days)	Reported cases (Last 90 days)
Mpox (Monkeypox)	147	0	0	0
Mpox (Monkeypox) - Mpox (Monkeypox) (Disease)	147	0	0	0
  - California, United States**:
 

Disease	Daily disease activity (7 days)	Reported cases (Last 7 days)	Reported cases (Last 30 days)	Reported cases (Last 90 days)
Cholera	1	0	0	0
Cholera (Disease)	1	0	0	0
- External Events to Keep an Eye On**:
  - Medium Concern (2)**:
    - Cholera in Mayotte** (Alert 01 | 28-Apr-2024 | Medium Concern)
      - Show all event details and timeline forecast
    - Watchlist Alerts (1)**:
      - Cholera in Brazil** (Alert 01 | 21-Apr-2024 | Watchlist Alert)
        - On 18 April 2024, Brazil's Ministry of Health confirmed the first locally acquired case of cholera in Brazil after almost 20 years without autochthonous cases of cholera.
        - Epidemiological Case Description**
          - The patient indicated that an "outdoor" case of cholera was identified in Salvador, the capital city of Bahia state, northeastern Brazil.
          - The affected individual is a 65-year-old man who developed initial symptoms in March and has since recovered.
          - However, there is limited information about the possible source of exposure.
          - Official information highlighted the affected individual's recent travel history outside of the country, and no known contact with a confirmed case of cholera.
          - Laboratory results confirmed the cholerae serogroup O1 (Vibrio), the most frequently associated pathogen for ongoing cholera outbreaks.
        - Cholera highlights**
          - The last locally acquired cholera cases in Brazil were confirmed between 2004 and 2005 in the state of Pernambuco, northeastern Brazil.
          - According to the World Health Organization (WHO), from January to March of this year, 11 countries have reported cases of cholera in total, with almost 30 countries affected in the 90-day context, making it the most reported region.
          - The data concerning the majority of these cases are Afghanistan, the Democratic Republic of the Congo, Ethiopia, Zambia, and Somalia.
          - The data concerning a large number of deaths are the Democratic Republic of the Congo, Zambia, Zimbabwe, Somalia, and Ethiopia.

Sample Personalized Brief

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