

Argos Investigation & IBM watsonx

Modular, scalable and customizable big data analytics platform supported by the latest IBM watsonx.data

Problem And Challenges

In today's data-driven landscape, businesses demand a seamless way to analyze, predict, and action their data. By combining the advanced investigative capabilities of Argos robust analytics platform and IBM watsonx.data, we provide a solution that's greater than the sum of its parts.



Cogniware Argos Investigation

Cogniware creates a unique **Argos analytical system** that can process large amounts of information from various sources, both within the company and outside it. These sources include data from social media networks, call data records (CDR), financial transactions, tracking data for people and vehicles, criminal records, business records, property registries, and more. Additionally, Argos can handle **unstructured data** (multimedia files) such as **audio, video, images, and text documents**.

IBM watsonx.data

IBM watsonx.data makes it possible for enterprises to scale analytics and AI with a fit-for-purpose data store, built on an open lakehouse architecture, supported by querying, governance and open data formats to access and share data. With watsonx.data, you can connect to data in minutes, quickly get trusted insights and reduce your data warehouse costs.

Technical Highlights:

IBM watsonx & Argos connection: Smooth connection of Argos analytical platform with available data using latest IBM watsonx.data open lakehouse.

Versatile Data Integration: Tailored for the needs of law enforcement, the solution integrates with widely-used databases like IBM DB2, MongoDB, PostgreSQL, or MySQL.

Fortified Security: Given the sensitive nature of the data, Argos and IBM watsonx.data prioritize state-of-the-art security protocols to prevent breaches and unauthorized access.

Key Benefits

1. **Unified Intelligence Platform:** Consolidate vast data sets from diverse sources into a unified platform, ensuring accurate and fast intelligence retrieval.
2. **Accelerated Investigations:** The fusion of Argos with IBM watsonx.data means investigations that used to take weeks can now be accelerated, with data analytics pointing directly to actionable insights.
3. **Scalable for National Security:** Whether it's a local police department or a national secret service agency, the integrated system scales to accommodate vast data sets without compromising on speed or accuracy.
4. **Prepared data models:** Agencies can swiftly and efficiently access predefined patterns and trends tailored for security and investigative scenarios.
5. **Real-world Data Inclusion:** With the flexibility to integrate common data tools, agencies can incorporate real-world data swiftly into their intelligence pool.

