

Patria

Patria CRAWLR

Open Source Intelligence and Analytics



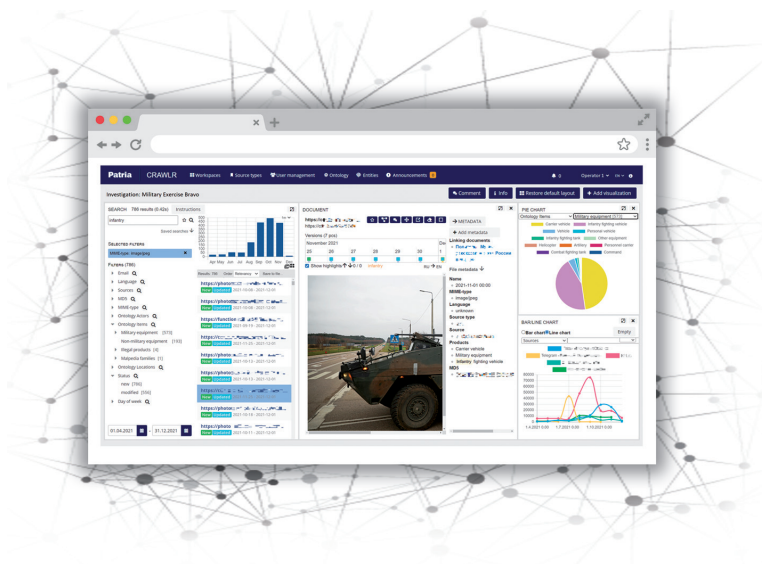
Time is the number one asset in intelligence. In the modern operational environment, information that was relevant yesterday can be useless tomorrow. A decisive piece of information can appear online, and then disappear minutes later, never to be seen again. Patria CRAWLR was built to make the best use of your analysts' time: Less time spent gathering data on the internet, and more analyzing it.

Patria CRAWLR is a cyber intelligence software product for governmental actors. CRAWLR is used to automatically gather and process open-source data from the internet. It also serves as a secure hub to combine your private data with online findings.

CRAWLR's versatile search and filtering tools help you find what you need. Besides search tools, it does image text scanning, recognition and categorization, and flags documents that were later deleted from the original source. CRAWLR also includes offline translation capabilities.

We provide extensive product support for the customer. CRAWLR is tailored for your specific needs, whether your use case was about criminal investigations or producing military intelligence.

CRAWLR's technical architecture offers flexibility. It can be easily integrated into other systems using open and standardized interfaces. The system can be deployed through local partners, Customer Onsite or SaaS.



Patria CRAWLR is an OSINT tool tailored to your needs. It recognizes the special needs of governmental actors and provides precise and discrete information gathering from a wide range of internet sources. With CRAWLR, the user can focus on analyzing results instead of manual data gathering. Once the data is gathered, CRAWLR offers several tools to support your analysis, including versatile search & filter functions, image recognition and categorization, and offline translation capabilities.

Key Features

- Fully automated open-source information gathering and classification
- Easy-to-understand user interface to quickly grasp the overall situation and do in-depth analysis
- Advanced tools to help you find what you are looking for from the data
- Extensive product support and tailored, scalable solution to match your operational needs

Precise Data Extraction from Sources Relevant to You

- Web and Dark Web
- Mobile apps
- Social media
- Message boards and discussion forums
- Your own private systems

User-customized Data Management

- User-defined rules and schedules for collecting and enriching data
- User-maintained ontologies for cataloguing keywords and their synonyms
- Data fusion and composition through ontologies and location
- Handling of structured and unstructured data (text, images, video, voice)
- Automated data classification

- Storing document version history and flagging documents deleted from the original source
- Easy data import and export using open standard interface

Intelligent Analytics

- Natural Language Processing (NLP)
- Speech to text transcription
- Named Entity Recognition (NER)
- Deep neural network-based machine translation
- Optical Character Recognition (OCR)
- Image content recognition and categorization

User-friendly Data Visualization

- Unified graph representation of data
- Information history including histograms, data timeline and document version history comparison
- Search tools and customizable filtering
- Map views
- Integration to Tableau or other third-party data analysis solutions

Deployment to Suit Your Needs

- Deployable as Customer Onsite, SaaS or through local partners
- Technical requirements scalable according to your operational needs and hardware performance
- Model setup consists of 1 control node + 3 computing nodes