

DataAnalytics for Travel

Improving border control agencies operations and planning



Today, border control agencies are enhancing their efforts to provide secure and smooth clearance processes. Now more than ever, they need to optimize their resources and increase efficiency. In order to support their border control strategies and prioritize actions, high-tech tools are required to analyze all the data generated by border crossing solutions. IDEMIA's DataAnalytics solution answers the border authorities needs by turning the collected data into actionable intelligence.

IDEMIA's **DataAnalytics** is a **centralized** solution to effectively **collect, analyze and visualize** all the data generated by border control solutions (equipment and systems). This powerful, secure and flexible analytics platform provides border agencies with a web interface, allowing them to easily access anonymous statistics in full **compliance with privacy** regulations. Relying on the **best-in-class, open-source** modules, it translates data into actionable information by generating a full set of **customizable reports** and real-time **dashboards**. This enables border control agencies to closely monitor and better understand the travelers' flow, helping them swiftly identify bottlenecks and improve their strategies.



IDEMIA, your #1 partner for data analytics

Serving over **30 governments** and **more than 60 airports** worldwide, IDEMIA has in-depth knowledge of the travel industry. Our goal is to help you meet your requirements and timelines in compliance with local and international regulations. We have **field-proven expertise** in developing and integrating

a fully scalable suite of interoperable products and systems to help you design, implement and operate solutions that adhere to privacy regulations. With all the necessary **resources and expertise in house**, we provide a **wide array of professional services** to provide you with **continuous support** throughout your project.

Benefits



User-centric

- > Centralized tool to analyze data collected from all the equipment and systems
- > Limited training required



Easy to integrate

- > Easy to connect to existing IT infrastructure
- > Open-source software
- > no-SQL repository



Optimized operations

- > Pre-defined KPIs and business reports
- > Variety of graphs, lists and tables to design ergonomic reports



Built-in flexibility

- > Customizable reports and dashboards
- > Adaptable data display



Comprehensive solution to support border agencies in the management of their resources

MULTI-LAYER REPORTS



› **Easy operations** with relevant information on the daily use of the solution



› **Enhanced tactics** such as planning and adaptation of functions and setup of border control solutions



› **Improved strategies** related to the organization of border control and identification of priorities

SMART DASHBOARDS



› **User-friendly** dashboard that transforms complex data into easy-to-understand graphics



› **Large set of available graphs:** histograms, line graphs, pie charts, sunbursts, geographical data etc.



› **Interactive maps** to analyze geographical data

Additional benefits of DataAnalytics

USER-CENTRIC

- › **Single portal for the** main functions and central management
- › **Secure segregation** of information and **creation of new reports** depending on the user profile
- › **Customizable data display depending** on the user profile, at the right time in the right format
- › **Near real-time display** of touchpoint status (open to public, in use, in default) and consolidated flows of passengers (at equipment, site, region etc.)
- › **Rapid export** of reports (CVS files or PDF)
- › **GDPR Compliant**

EASY TO INTEGRATE

- › **Standard market models** for easy and fast integration without affecting existing IT infrastructure

- › **Easy to connect** to third party equipment and IT infrastructure, reducing integration efforts
- › **Web interface** compatible with any device—no need for additional installations

OPTIMIZED OPERATIONS

- › **State-of-the-art** components
- › **Easy collection** of any data format from any source
- › **Real-time** query, analysis and visualization of your data
- › **Native standard log** generation and elastic data model
- › **Standard** default reports
- › **Visual analysis** of business information
- › **Effective measurement** of timing, external interrogations, biometric quality, matching results, statistics on travelers etc.
- › **Convenient** data ingestion, transformation and storage
- › **Many statistics** available on

- equipment (usage, processes, recurring failure etc.) in order to identify trends, damage and improve efficiency
- › **Comprehensive logs**, metrics collection and storage

BUILT-IN FLEXIBILITY

- › **Easy and fast** integration of new logs
- › **Various ways** to generate reports: on demand, planned or according to particular events
- › **Easy extension** of models to meet specific needs
- › **Customizable** layout of data and results
- › **Preconfigured** and **customizable** set of reports for better border control management
- › **Easy definition** of custom-made reports (Grafana ergonomics)