



TRUAI HELPS TO MONITOR ANTI-SOCIAL AND SUSPICIOUS ACTIVITIES FOR A GOVERNMENT AGENCY

ABOUT CLIENT:

Government agency

INDUSTRY:

Public-sector

REGION:

India

BUSINESS NEED:

Monitoring anti-social & suspicious activities in near real-time

BUSINESS CHALLENGES

01

Intelligence extraction from silos:

Improve efficiencies in extracting vital intelligence from various secured source systems in near real-time

02

Oversights in manual processing:

Through automation, mitigate risks due to oversight while processing large volumes of disparate data

03

Data scattered over multiple silos:

Gain a holistic 360 degree view by aggregation and co-relation of data stored in isolated pockets

DATAMATICS SOLUTION

Datamatics used **Artificial Intelligence (AI) based proprietary product**, TruAI, to arrive at a comprehensive solution for increasing all around vigil. The solution used Pattern Mining and Advanced Analytics to perform the following key functions:

Data extraction:

To periodically fetch data from different systems and store it in a common location in predefined formats.

Data ingestion:

To auto ingest data into TruAI at scheduled frequencies.

Exception handling:

To identify exceptions in real-time for rectification and reconciliation.

Named Entity Recognition (NER):

To identify people, location, organization, and time in a context-sensitive environment.

Search functionality:

To allow a user-friendly and highly responsive free-text search on the ingested data.

Intuitive visualization:

To graphically highlight associations between different entities in existing data using cutting-edge technologies


Correlation:

To associate new data with existing data in near real-time.


Continuous Optimization:

To continuously optimize the above association model and handle different types of data.

BUSINESS IMPACT




Linked the database down & across to develop a **360 degree view** about entities / suspects in order to direct vigilance activities




Established **100% accuracy & efficiency** in relationship tracing through all mediums between different entities / suspects



Freed up niche resources from tedious activity of manually processing **TERABYTES OF DATA**



Increased responsiveness of **SEARCH FUNCTIONALITY** as well as data correlation from 4 to 7 days to a few seconds



Accelerated **QUERY RESOLUTION** & clear display of different entity relationships through pre-defined templates

ABOUT **DATAMATICS**

Datamatics provides intelligent solutions for data-driven businesses to increase productivity and enhance the customer experience. With a complete digital approach, Datamatics portfolio spans across Information Technology Services, Business Process Management, Engineering Services and Big Data & Analytics all powered by Artificial Intelligence. It has established products in Robotic Process Automation, Intelligent

Document Processing, Business Intelligence and Automated Fare Collection. Datamatics services global customers across Banking, Financial Services, Insurance, Healthcare, Manufacturing, International Organizations, and Media & Publishing. The Company has presence across 4 continents with major delivery centers in the USA, India, and Philippines. To know more about Datamatics, visit www.datamatics.com

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