



AI BASED SURVEILLANCE AND RECOGNITION SYSTEM



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AI BASED SURVEILLANCE AND RECOGNITION SYSTEM

An integrated system designed to analyze and identify individual target and the demographic composition of people residing within a specific area

Leveraging advanced data analytics, artificial intelligence (AI), and machine learning algorithms, this system aggregates and processes vast amounts of data from various sources

Equipped with cutting-edge biometric identification, this system features advanced face recognition technology capable of analyzing millions of data points. This ensures precise individual identification and detailed demographic insights. The integration of sophisticated biometric technology enhances accuracy and security, making the system an invaluable tool for comprehensive population analysis and targeted identification

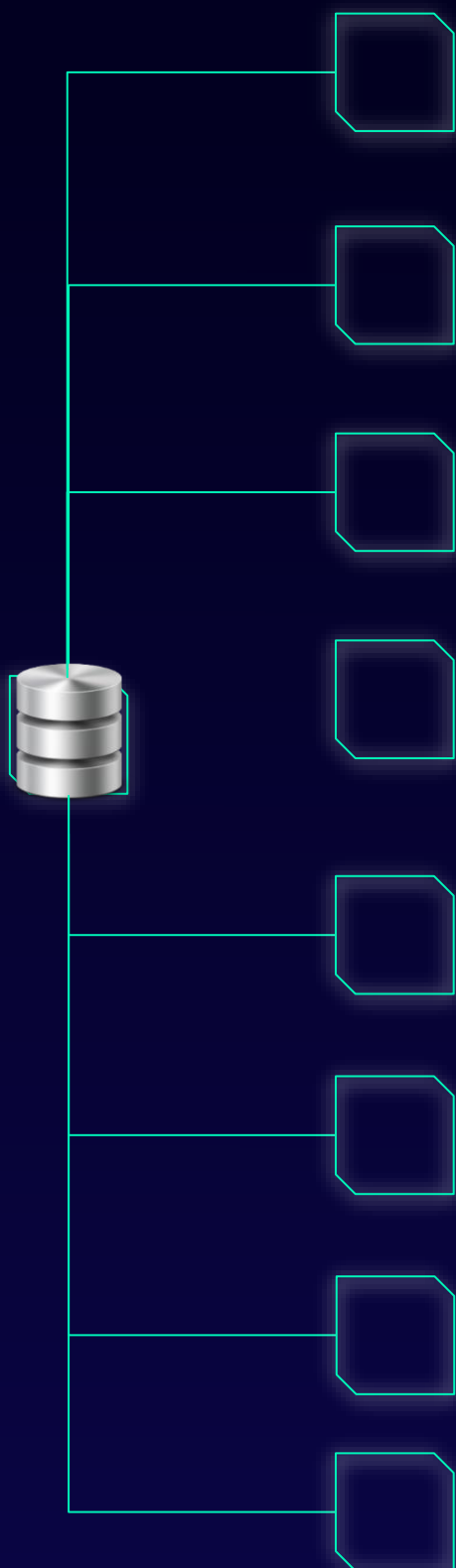
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SYSTEM MODULES



Profile Engine

This module integrates and displays complete information about the target's identity, enabling in-depth analysis of the target in intelligence operations.

Passive Residence Identification

This module is strategically used to identify and display an individual's registered address, providing key information.

Identification Recon

This module manages the integration and validation of identity details using specific IDs, which is critical for confirming identity in tactical situations.

Regional Segmentation

Classifies and analyzes data based on geographic regions, supporting decision-making based on regional intelligence.

Gender Composition

Presents demographic data based on gender, supporting targeted initiatives and policies to understand gender composition in a specific area.

Family Registration

Integrates and displays family registration data of the target.

Face Recognition Engine

Performs biometric data authentication by analyzing photos and searching the database to identify matching faces.

Elder Origin Recon

Provides data about the target's parents, aiding in understanding the background and family influence on an individual's actions.

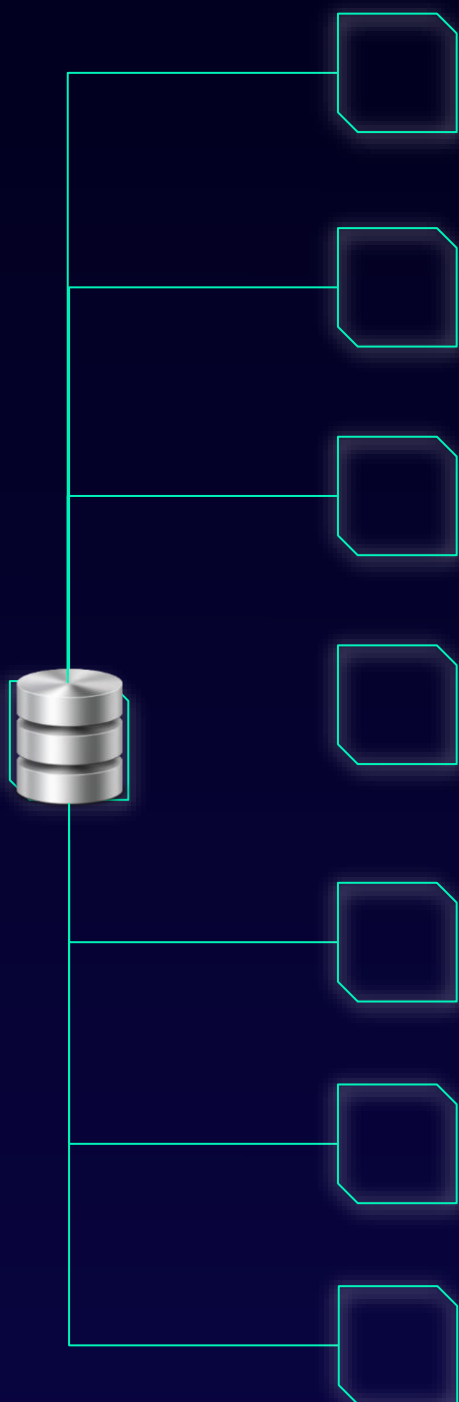
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SYSTEM MODULES



Family Network Analysis

Presents a visualization of the target's family relationships, facilitating the understanding of family structure and dynamics.

Residential Map Intelligence

Presents visual data of residential addresses in an interactive map format, enhancing efficiency in field unit assignments and coordination.

Crowd Density Map

Illustrates the distribution and density of the population in a specific area using visual data analysis.

Pinpoint Identity Display

Identifies and displays individual details from a specified location on a digital map, enabling precise operations and quick decision-making.

Generational Age Segmentation

Analyzes and divides the population database based on generation and age groups, providing detailed reports to support intervention strategies tailored to the target.

Geo-demographic Profiler

Provides analysis and filtering of demographic data based on provincial, district/city, and sub-district data.

Chronological Birth Analyzer

Uses birth date data as a search element to compile analysis and facilitate obtaining the required target data.