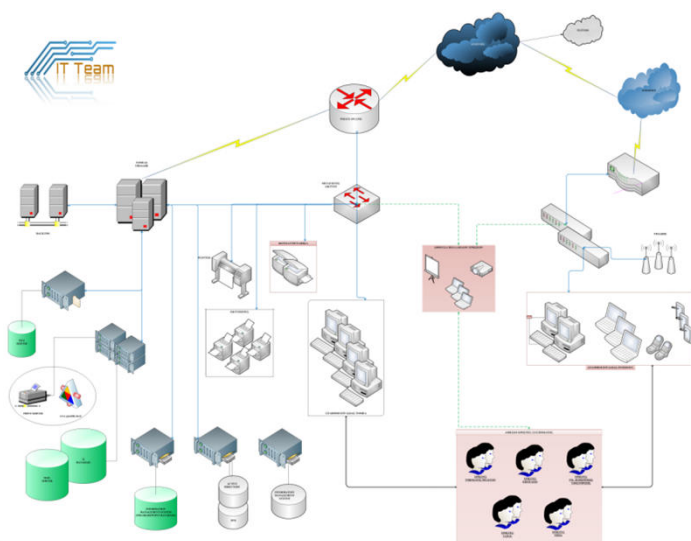


**HELLENIC POLICE HEADQUARTERS
FINANCIAL POLICE DIVISION**

Athens, 13TH-14TH May 2015

FPD'S INFORMATION SYSTEM





FPD's Information System- Aim

- ❑ Developed and administered by the IT Team of Information Management and Strategic Planning Department
- ❑ Contributes to the support of the Division's staff in their duties and tasks with an ultimate view to promoting the achievement of its mission
- ❑ Consists of 2 subsystems:
 - a) closed domain, which hosts the majority of the Service's technological infrastructure along with its applications and databases, utilizing the existing network of Hellenic Police, accessibility of Service's Applications and data from any computer and parallel use of Hellenic Police 's general Applications
 - b) open network with direct connection to internet for collecting OSINT

3

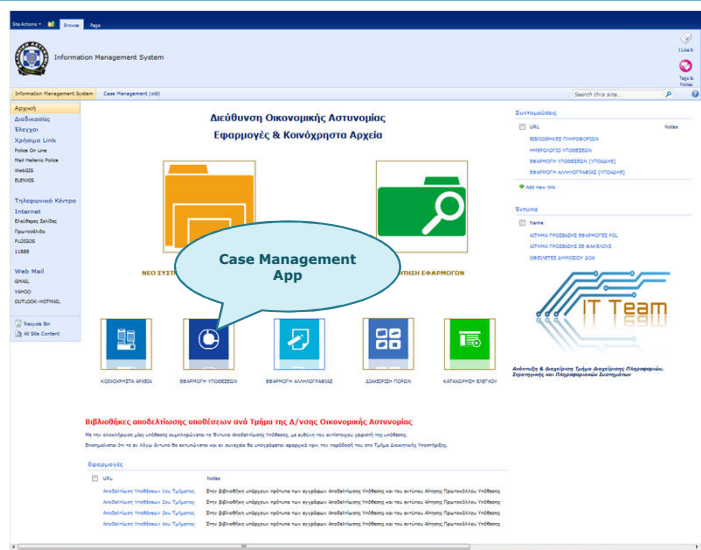


FPD's Information System- Components & Functions

- ❑ Consists of servers (domain controller, application, database, print & file servers), external storage devices used for back-up, ups, networking devices (switches, access points, firewall etc.), desktop computers and laptops – tablets.
- ❑ Independent system of Authentication (combination of user name and password), Authorization with controlling access rights to resources or services (Group Policy), Auditing (event logs and log files), use of Single Sign-On (SSO) Technology
- ❑ Information Management System is the heart of FPD's Information System, developed in Microsoft SharePoint Server and hosts the Service's Main applications
- ❑ Case Management app is utilized as a means of storing (structured & unstructured) information related to Cases handled by the Service, for searching information available, export of statistical (quantitative) and qualitative data => FPD's MAIN DATABASE
- ❑ i2 Databases in SQL Server format managed by i2 software (i2 iBase & Analyst's Notebook), for cases with complex data

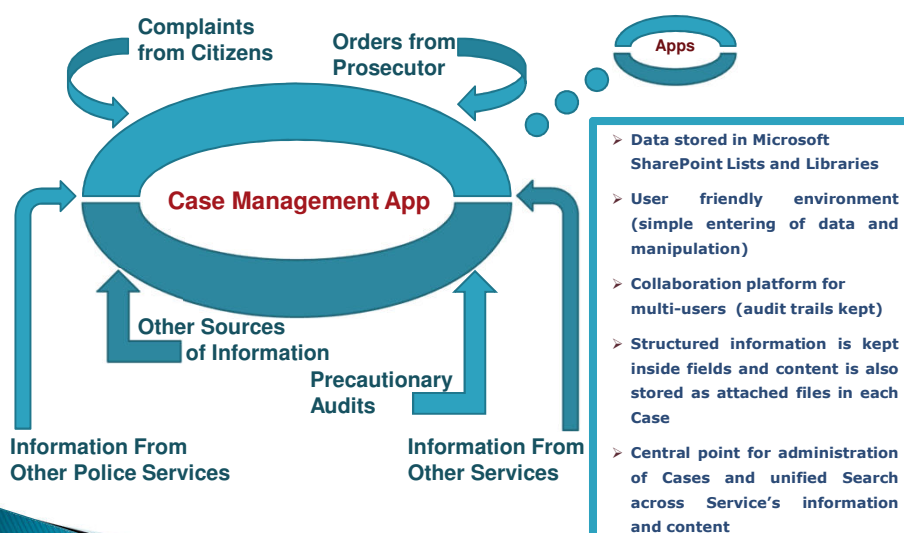
4

Information Management System- Collection of Sites & Applications



5

Case Management App-Data Store for Multi-Source Information



6

Case Management Database (Schema)

Main List: Case

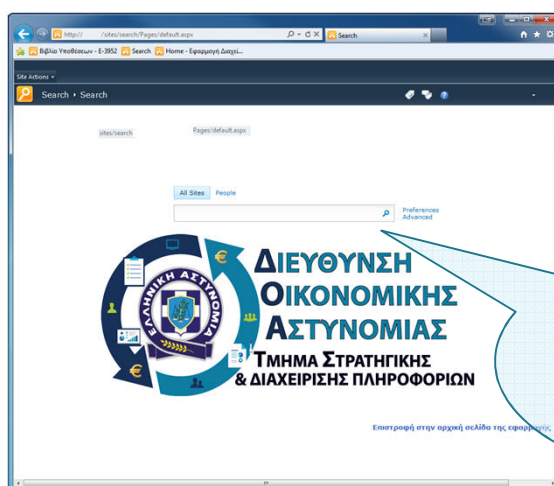
- ☐ Dates of issuing and completion of the Case by the Service
- ☐ Case status (Ongoing – Closed)
- ☐ Main offence (used for categorizing the Case) and other offences
- ☐ Case Description (free text- brief summary of the Case including modus operandi and actors involved, places e.t.c.)
- ☐ District (for example city, county, periphery)
- ☐ Markings (YES/NO) for OCGs involved, clues of corruption and apprehension performed
- ☐ Comments

Joined lists:

- ☐ Persons (Physical and Legal entities) with their Role in the Case
- ☐ Seizures (amount of cash, electronic devices, contraband cigarettes, counterfeit products, other items and goods)
- ☐ Financial data (state revenue losses, administrative fines posed, assets from money laundering)

7

Unified Search of Service's Information



➤ Search can be performed from a single site for all the Service's Applications Content and Data

➤ Indexing extends to file servers' content as well

Searching inside content of common file types (.doc/x, .xls/x, .ppt/x, .txt, pdf e.t.c.) use of appropriate iFilters

8



Operational Analysis Databases

- ❑ i2 Databases designed in SQL Server format for collaboration between Operational Analysts (greater performance and flexibility with queries, central administration, features supported like Search 360, Semantic Types)
- ❑ One database per Case for storing, investigating and analyzing vast amount of data
- ❑ A database schema (template) is built once and used by every Case (re-usability) in general, containing entities (real world objects) and links (relationships between entities)
- ❑ Link Analysis is performed with entities of every kind (persons, organizations, places, vehicles, events, telephone numbers, bank account numbers) and relationships between them. Modern techniques are also applied, like Social Network Analysis
- ❑ Diagrams produced: link charting, flow charting, event charting, time and frequency charts, maps etc
- ❑ Data of HIGH interest for Analysis: Telephone Data Calls, Bank Account transactions

9

Other Supportive/Useful IT Tools

IDEA by CaseWare



- ❑ a powerful and user-friendly data analysis tool
- ❑ ideal for internal auditors & fraud detection analysts
- ❑ guarantees data integrity
- ✓ source data is protected and data access is read-only
- ❑ simplified and powerful analysis with over 100 audit-specific tasks like duplicate and gap detection, join and relate databases, stratification, summarization, aging, Benford's law analysis etc
- ❑ processing power (infinite number of records – no limits like spreadsheets with 1.048.576 rows)
- ❑ imports data from any source easily via Import Assistant
- ❑ keeps audit trails and logs of operations performed
- ❑ supports automated tasks via IDEAScript
- ❑ communicates results via a variety of file export options and Report Assistant

10

