Integrating SAP Investigative Case Management for Public Sector with Advanced Analysis in Palantir

Applies to:
SAP Investigative Case Management for Public Sector, CRM 7.1

Summary
Detailed investigations can lead to a vast amount of data. For drawing the right conclusions, it is crucial to find connections in existing information, get graphical overviews of complex networks, display the order of events in time and space, and provide a platform for next-generation analytics and knowledge management. SAP Investigative Case Management for Public Sector collects and administers all investigation data and provides them for analysis with software products like the Palantir analysis platform, which are designed for the needs of the public security community.

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Author Bio
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**SAP Investigative Case Management for Public Sector**

For the intelligence of criminal cases, it is necessary to deal with scattered or overwhelming masses of data and integrate it in one secure analytical environment, organize activities and align people, use sophisticated tools for quick and easy analysis to find the truth swiftly.

To meet these needs, the industry-specific SAP solution for Investigative Case Management for Public Sector supports the organization, data collection, quality assurance, analysis, and interaction during investigations. This solution offers functionality to handle case- or incident-related information, distribute activities in complex organizational structures, and manage involved persons, objects, and locations. It provides a role-based and intuitive user interface and is flexible enough to support extensive changes as well as a system architecture designed specifically for public security purposes.

All parts and people in an investigation – evidence objects as well as documents, staff members as well as suspects – are represented in the system with a rich and extensible set of attributes and can be interrelated with all others. Each relationship can be evaluated and commented to track its source and reliability. Cases are used to bundle relevant information of one investigation, but information entered once (like a person's data) is independent of a specific case and can be re-used across the system where- and whenever needed. The integrated document management ensures that the investigation results of a case are put down in a structured and complete manner that is accepted by the court.
Getting the Full View

When information has reached a certain level of complexity it is crucial to have analytical tools that can aggregate, fuse, and analyze data in a manner that leads to new insights. This includes building out networks of the obvious and non-obvious relationships between persons, objects, locations, and events, a timeline showing the sequence of incidents, a geographical map marking addresses and crime scenes and supporting map layers and geospatial overlays, and further tools. These possibilities are given by Palantir, an intuitive and easy-to-use advanced analytics application that can draw data from different sources and bring them together in one secure environment for reaching the next level of intelligence. You do not get only the “where,” “why,” and “what”, but also, and most importantly, the ability to make a predictive “where will”.

Palantir provides a full-featured, enterprise-grade analytic platform for Intelligence and Law Enforcement Communities out of the box providing

- a platform for analysis, driven through an attractive and intuitive user interface,
- tools to capture, extract, relate, and explore complex data sets from internal/external sources
- features for data assurance, collaboration, security, and data integration from the outset
- a set of robust, scalable, open and maintainable components
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Connecting SAP Investigative Case Management for Public Sector with Palantir

SAP provides a service-oriented architecture that lets you extract the data you really need. Data created or changed in SAP Investigative Case Management for Public Sector can be populated automatically so that they are available in Palantir without manual user interference.

The data models of SAP and Palantir are both extendable. Thus, in addition to defining new attributes at given types of objects, you can also create new types and subtypes of entities necessary for your investigation. The mapping between the two applications is freely definable.

Without the limitation of application borders, the source of data does not matter anymore (although all sourcing is still tracked). All gathered information is available wherever you need it, the case organization and execution in SAP or the analysis and intelligence in Palantir.
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