InfoZoom brings police right on track

Overview

rola Security Solutions
Integration of InfoZoom technology with standard software for managing criminal investigation cases

Requirements

► Reduce the time and effort needed to program database queries
► Support growing user demands for individual analyses
► Ensure data quality
► Identify potential for optimizing administrative processes

Solution and Benefits

► Users select comprehensive volumes of data from Oracle databases
► Decentralized data quality checks
► Improved administrative processes

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Police departments in ten German states rely on InfoZoom technology as an integral component of their rsCASE® software. More than 50,000 police officers use the analysis tool to select and evaluate their investigation data before processing it in different rsCASE® modules.

When it comes to analyzing information to process criminal cases, data selection and quality are two vital success factors. To meet these requirements, police departments need special solutions that make it easier to select and analyze large volumes of case data. In its search for an appropriate solution, rola Security Solutions decided to integrate Info-Zoom technology into rsCASE®, the software standard for managing criminal investigation cases in Germany. Today, more than 50,000 police officers across ten different states use the integrated InfoZoom technology to select and verify the quality of case data before further processing it in specific rsCASE® modules.

rsCASE®

rsCASE ® has been developed by rola Security Solutions for practical day-to-day use in operative investigations of government agencies as well as large companies and organizations. Today, over 50,000 users in the German federal and state police authorities and in several other European countries work with the software. In Germany, rsCASE® has emerged as the software standard for investigating criminal cases. Under the product names rsIntCent®, rsTAX® and rsCIRS®, the same standard technology also supports military, finance, and justice agencies and services as well as private companies. Seven neighboring European countries also rely on rola applications. One of the reasons for the growing use of rsCASE® is the integration of InfoZoom technology.

Using InfoZoom, officers can perform these tasks without any programming or support from IT specialists. "In Germany, rsCASE® is the standard for processing criminal investigation cases – in part, due to the integrated InfoZoom technology," comments Dirk Linneman, Director of Product Management and Sales at rola Security Solutions.

By implementing the analysis tool into its software, the vendor added new capabilities for optimizing administrative processes. "Our users need first-class data quality to successfully solve criminal cases. By analyzing the gaps and errors within the data itself, however, they also get a clear indication of how they can avoid these mistakes in the first place during day-to-day investigation processes," continues Linneman.

Integrating InfoZoom technology into rsCASE® delivered this added value. By analyzing the quality of their data, officers can now understand how they can optimize the administrative processes that rsCASE® supports. By analyzing automobile theft data, for instance, a user might notice that important data fields describing the stolen vehicle are empty. This is reason enough to take a closer look at the data entry process to find possible causes for the missing data and introduce quality improvement measures.

Officers analyze large volumes of data

By integrating InfoZoom technology into rsCASE®, rola Security Solutions has also drastically reduced its own programming requirements for analyses, database queries and selection trees. "Our development team was getting bogged down with a growing number of individual user requirements. We couldn't allow the strategic development of rsCASE® to suffer as a consequence," recalled Linneman.

As a result, rola decided to give end users more control over selecting and validating their data, which they could then further process in different rsCASE® modules. The software vendor quickly realized that InfoZoom was able to support the data selection and verification requirements of rsCASE® users like no other tool. Another advantage was that the software can flexibly consolidate large data volumes in an instant so that users can

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quickly see if this data contains any unusual findings.

Promptly after its decision to integrate InfoZoom, the software vendor launched an initial prototype of the new functionality in rsCASE®. Since police departments in Bavaria first started using InfoZoom technology in 2002, additional functionality has been added to the analysis tool. Today, InfoZoom is fully integrated as a Java applet in rsCASE®.

rsCASE® is based on Oracle databases. As part of their daily activities, rsCASE® users access masses of data on different investigation topics. Based on this selection, officers can use the InfoZoom module in rsCASE® to choose specific data to answer ad hoc questions. By visualizing large quantities of data, InfoZoom gives users instant insights on the quality and plausibility of the available information. At the click of a mouse, they can then further process these results in another rsCASE® module, for example, for visualizing correlations, viewing geographical information (GIS), reporting, administering files, tracking DNA, monitoring telephone calls, or storing evidence.

Optimizing data quality and administrative processes

In addition to helping solve cases and fight crime, the integration of InfoZoom with rsCASE® also helps improve data quality and administrative processes, which are necessary to ensure impeccable investigation data. "Right now, I don't know of any technology other than InfoZoom that can instantly detect missing data, incorrect information or the different constellations of a data entry.", summarizes Linneman.

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InfoZoom
One-click insight

Further information

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