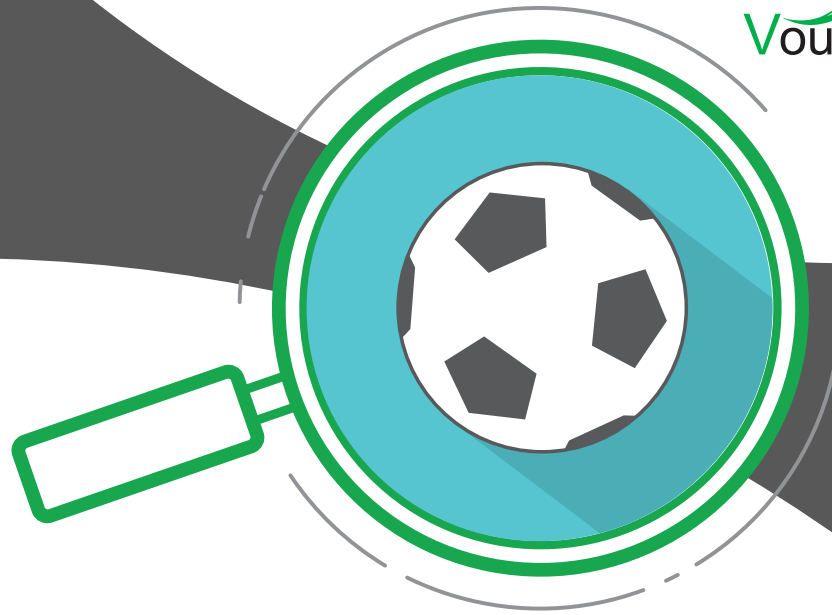




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Der Spiegel Selects Intella to Uncover Football Leaks

The Modern Role of Investigative Journalism

Founded in 1947, *Der Spiegel*, along with its online counterpart *Spiegel Online*, has a weekly circulation of 840,000 making it one of continental Europe's largest and most influential publications. *Der Spiegel* is considered a moral authority on investigative journalism, playing a key role in uncovering political scandals and institutional misconduct worldwide, including both WikiLeaks and the Football Leaks scandals/investigations. Stephan Heffner is Information Security Professional at SPIEGEL-Group; Jörg Schmitt is the publication's Coordinator for Investigative Journalism.

Intella to Tackle Two Terabytes of Unstructured Data

Investigative journalism has changed. What once were leads delivered in a few files, now investigators receive disks with massive amounts of data. Jörg comments, "It was clear to me for some time that we needed a forensic tool to get the structure into the data when we receive papers. Our former editor said, 'Are you no longer willing to read files?' But it's changed. You can't read millions of pages of unstructured documents."

In January of 2016, Spiegel received two terabytes of data comprised of 18 million documents. This was the largest dataset leaked, to date, and therefore, a game changer for investigative journalism. Stephan and Jörg required a sophisticated solution that could handle processing a completely unstructured dataset of that size. Spiegel's need to expand technological innovations meant testing out various new tools.

The IT department attempted to use an in-house tool that they had designed for use during the WikiLeaks investigation, but it wound up crashing their entire network. Based on reputation and repeated recommendations from forensic professionals and Spiegel's IT department, Jörg and Stephan decided to test out several solutions, including Intella. While every solution had its pros and cons, the high cost of most solutions eliminated them from consideration.

“ Jörg comments, *“When I tried Intella, I loved the cluster mapping visualization. It made working with the tool almost instantly understandable, as if it was coming out of my own brain. I didn't even need a manual. It was that intuitive.”*

Intella wound up being the perfect solution, so Stephan purchased Intella TEAM for Spiegel in May of 2016. Not only were the system requirements for Intella much lower than other tools, enabling more power to be used to process data, Intella's OCR integration's import export tool saved time by eliminating the need to reimport items internally.

“ Stephan comments: *“Unlike some of the competing tools we reviewed, Intella's interface was intuitive and easy to use, so it didn't have us running to reference training manuals at every step. Batching and coding were very straightforward and we really liked the social graphs as we could quickly grasp key relationships visually.”*

Price was also an influence when deciding to go with Intella as it was a fraction of the cost,” he adds.

How Der Spiegel Deployed Intella

The entire timeframe of the Football Leaks investigation, which took approximately 5 months, was dependent upon how efficiently the data sets could be searched. This being one of the first projects using Intella, there was a learning curve. Spiegel first installed Intella TEAM in May of 2016, and one year later, they purchased Intella Connect to give more reviewers access to the workload of several cases that came up and to collaborate during the investigation.

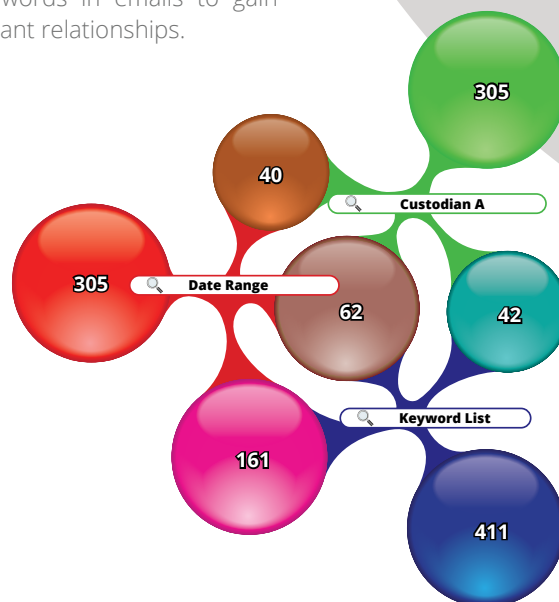
The largest obstacle to overcome was that the data arrived entirely unstructured, making it impossible to understand at the investigation's start. The investigation team solved this mess by creating lists and then running the lists against each other. They used different keywords, terms, or values to create the lists like, "football players from the German National Team" and ran those lists against another list using the name of a bank or offshore hotspot. Jörg found the cluster mapping technology and social graphing to be really helpful in drawing connections from point a to point b, especially when comparing words in emails to gain instant visualization of important relationships.

Results

Spiegel is now able to conduct in depth investigations with only one forensic solution, Intella. In the case of the Football Leaks, Spiegel's investigation led to prosecutors opened up several high profile investigations, including the tax evasion investigation into the world's highest paid athlete, Real Madrid star, Cristiano Ronaldo, as related to offshoring.

"The offshoring was something I discovered with Intella. I found a link to a company in Ireland and BVIs and I could quickly see literally the structure of the relationship and that the company belonged to Cristiano Ronaldo," says Jörg.

“Stephan concludes: *"In the end, Intella is the tool that made huge datasets accessible. The ease of use, speed and accuracy of the platform enabled an innovative team of global investigators to collaborate on groundbreaking datasets successfully and effectively – and at a price point that made sense. For all those reasons, Intella is and will continue to be our tool of choice."*



Intella's powerful Cluster Map technology is a visual representations of the links between lists.

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