
Automated Annotation of Texts using Tactical Cognitive Computing

Across industries, one of the big time sinks is the task of finding some information out of lengthy texts. While this step is critical to any digital workflow, there hardly has been any other way to do it so far except manually. As a result, multitudes of workflows that could benefit from digital technologies do not end up being digitized.

Tactical cognitive computing software like Coseer can be trained to annotate a given document to extract structured information from it. This information is then coded as XML, JSON or other structured formats. For known repetitive patterns, the output is not limited to specific entities or values, but can include abstract ideas repeated throughout the document.

Tactical cognitive computing is uniquely suited for such applications, for the following reasons:

- Usually the context and the information being extracted is very specific to a client and an application. Hence, it is important to train for each situation separately.
- Such steps feed into digital processes. Based on traditional computer science, such processes have limited tolerance for errors. Indeed, usually errors are compounded through such processes. It is very important for success of such workflows to have high accuracy at the outset.
- While such tasks collectively account for a large portion of manual work at many enterprises, individually each task has limited scope. It is important to justify the RoI.

In this blog we present a case study on automated extraction for such information using Coseer's InfoSeer product. The client in Healthcare industry was able to reduce time taken per document from a week to just a few hours, which included machine assisted verification, and identified significant cost savings.

[Go to Case Study](#)

What is Next-Generation Enterprise Search?

Coseer's search solutions are transforming industries from healthcare to finance. Our point-and-shoot AI trains finds answers and insights with 95%+ accuracy within 4-12 weeks - all of this in 100% security. The reason? We founded Coseer on the principle that computers should take care of the boring stuff so that humans can focus on creativity and judgment. To that end, we've built enterprise search solutions to complete complex workflows just as humans would in a fraction of the time. Fortune 500 leaders are using Coseer to speed up and automate their most complex work.

We follow a tactical approach to enterprise search:

- We deliver 95-98% accurate solutions within 4-12 weeks.
- Our solutions deploy entirely behind your own firewall for 100% security, and every decision point is logged for full transparency.
- You add the finishing touches, but our point-and-shoot AI practically trains itself. No more huge training data sets or time wasted annotating and tagging.

Visit our [website](#) for in-depth case studies, ROI breakdowns per industry, and other insight.