What is Tactical Cognitive Computing?

Tactical Cognitive Computing brings the advanced sciences of cognitive computing to general purpose day-to-day applications without prohibitive costs.

Cognitive computing is the latest buzzword in the tech industry. Bellwethers like IBM, Microsoft, Salesforce and others are investing billions in the area. The industry promises a human-like thought using Artificial Intelligence, Natural Language Processing and other techniques to process and learn from unstructured data. While the discipline has already achieved a lot, it is falling short of its bold promise. Early adopters of cognitive computing are frustrated with its high costs and the time and resources it takes to train a system.

Tactical cognitive computing addresses some of these problems. It gives customers reliable control and eliminates the need for strategic budget allocations or years of planning. To be called Tactical, a cognitive computing solution should have the following features.

- **High Accuracy:** To be a reliable part of any enterprise workflow, tactical cognitive systems need 95-98% accuracy. AI systems' accuracy relies primarily on its focus and the amount of training it gets. Tactical cognitive systems are highly customizable focus on a single problem at a single customer at a time. They train over specific data for such problems.
- **Low Training Time:** Despite the need for accuracy, tactical cognitive systems should be able to train over limited data and deploy within 4-12 weeks. The most time intensive part of training an AI system is retraining an AI blackbox when the first results are not as expected. Tactical cognitive systems break down such decisions to multiple contributing factors that can be trained in isolation.
- **Accessible Structure:** To be truly useful for every situation at an enterprise, tactical cognitive systems should be applicable for large as well as small problems. They usually run on regular hardware instead of super computers or huge cloud clusters. This, combined with high accuracy and low resource needed to train them, tactical cognitive become very accessible.

Tactical cognitive computing systems address the key problems of early adopters of cognitive computing face, and are all set to further accelerate democratization of cognitive computing.

What is Tactical Cognitive Computing?

At Coseer we believe humans should focus on creativity and judgment, while technology takes care of everything else. Tactical Cognitive Computing is our solution to automate all the tedious, repetitive and mundane workflows that are language driven, and hence still need a human.

- Tactical Cognitive Computing uses AI, NLP, Cognitive Calibration and other advanced sciences to process natural language, other unstructured data or even structured information to get meaningful insights and automate business decisions.
- Tactical Cognitive Computing models and trains for each specific workflow resulting in

very high accuracy. It is designed modularly, is highly transparent and trains very fast.
- Tactical Cognitive Computing solutions run on regular hardware either on premise or in cloud giving customers high level of flexibility, data security and accessible costs.

Tactical Cognitive Computing technology is designed for ubiquitous application, low cost trials and high accuracy.To learn more please visit our blogs or contact us to setup a call.