SYNTHETIC ANALYST™
AI WITH THE MISSION IN MIND

Synthetic Analyst (SA), Engility's Artificial Intelligence (AI) Platform, is much more than just a software engine—it learns as it performs.

At the forefront of AI, SA can be taught mission-specific skills and then, when tasked, will search for data in any number of information sources, select relevant results, then use those skills to interpret and use the data.

And even better, the more it's used, the faster and more effectively it works. And here's how:

SYNTHETIC ANALYST™

ENGILITY
Engineered to Make a Difference

SA's Capabilities

The exceptional power and potential of AI systems can lead to high expectations, and not all AI systems live up to the hype. Engility now offers a low-risk way to try this new, advanced AI model and to see results in days or weeks rather than months or years.

- SA helps users augment, automate and accelerate their data collection, analysis and synthesis capabilities.
- SA's open architecture allows it to be loaded on any host infrastructure, from smart phones to supercomputers.
- Its modular design allows it to quickly and easily integrate new data sources and analytics, whether hosted locally or remotely, without users needing to learn new techniques.
- SA increases users' productivity exponentially because it can be trained to execute tailored, mission-specific tasks, while scaling very inexpensively.

Synthetic Analyst augments human analysts, empowering them to process enormous amounts of data.

How It Works

Traditional AI systems gather vast amounts of data to a central processing system and apply a standardized model of cognition to sort and organize it—while the data can change, the core algorithm is the same.

In contrast, Synthetic Analyst is a platform that learns by being taught distinct skills. Once it has those skills, in the form of modules, it solves problems just like its users do: by figuring out which data sources it needs to consult and which analytics to apply to get to its goal.

But while every human analyst needs to be trained individually, once SA has integrated a module, it permanently knows that skill or can access that database and will do so whenever it's necessary. SA eliminates the need to train analysts on dozens or hundreds of datasets and analytics. It empowers users—analysts, operators, planners, or decisionmakers—by streamlining the process of working with enormous volumes of data and increasingly complex ways of analyzing it. SA can dramatically accelerate routine tasks, with an average reported speed improvement of 400x.

Core Users

SA is specifically designed to help government analysts in the military, intelligence community or other areas with sensitive, "can't fail" missions. Engility subject matter experts will use our tailored module development methodologies to work with customers to enable further mission capabilities.

Let Engility demonstrate for you how Synthetic Analyst works and how it can help you deal with your data.

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