

tpgroup

TIDE

Team Information Decision Engine.

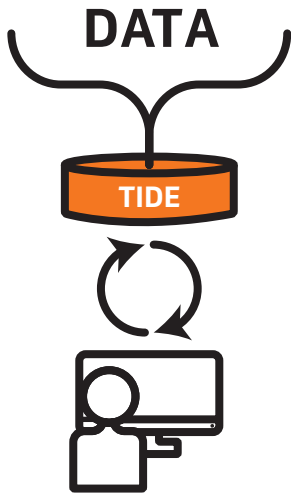
Machine Learning Support to
Information Processing.

Innovative thought.
Absolute trust.
Critical technology.



/ TIDE

Data drives decisions. Better interpretation of data leads to more informed decisions. Analysts process increasingly large, and often inconsistent data sets, leading to higher cognitive burden. TIDE's machine learning assists your team to make better decisions faster, in an auditable and transparent way.



TIDE monitors analysts as they work with large inconsistent data sets, determining what data is relevant to that analyst and investigation. Using a transparent machine learning technique, TIDE produces human readable rules to describe the analysts' decisions. These rules are then applied to the data to predict relevance and prioritise for analysis.

The system learns as analysts work, keeping up with changing lines of enquiry. When working with a team, TIDE is able to merge individual analyst's rule sets so colleagues are influenced by each other's analysis. TIDE allows a team to work on different and disparate data sets, identifying key attributes within data that are driving an analyst's decision - which can identify conscious or unconscious bias.

During case studies, users gained a greater and more rapid understanding of a test investigation scenario, with TIDE steering them to spend more time on relevant data.

