LM WISDOM®

LM WISDOM® – CUSTOMIZABLE END-TO-END SOLUTION FOR WEB AND SOCIAL MEDIA COLLECTION, PROCESSING, MONITORING, AND ANALYTICS
LM WISDOM® is Lockheed Martin’s operational and customizable state-of-the-art Web and social media monitoring and analytics solution. It provides automated data collection, advanced processing, knowledge management, analysis and monitoring of social media feeds, websites, and other data sources. It supports tracking, event monitoring, correlation, aggregation, and indexing of massive multi-language data from a variety of sources. Data sources include RSS feeds, news and information sites, subscription content information sites, databases, Web sites, Twitter, Blogs, social media sites and can be tailored to ingest other “offline” data sources. LM WISDOM® can harvest and store these diverse data sources whether it is structured, semi-structured, or unstructured data in a high-performance knowledge management framework.

LM WISDOM® supports trend and pattern analysis and visualization of the following:
- Topics, messages, people, organizations, and locations of interest to populations
- The positive and negative sentiments surrounding those topics, people, locations, and organizations
- The propagation of information among Web communities and a quantitative scale for ranking the most authoritative and influential authors and sources.

With automated analytic processing, the analyst is able to quickly track and trend any sentiment anomalies or trending topics, keywords, events or hashtags among large data sets to decipher indicators of increasing or decreasing instability and public dissatisfaction with leaderships, organizations, individuals, or events. Each of these analytic capabilities form the basis for model forecasting of instability.

Customer benchmarking has shown 10X analyst-time improvement over using standard web search techniques.

LM WISDOM® employs a "pipes and filters" architecture that allows dynamic association of processing, correlation, and filtering with the automated collection of data sources. With this intuitive user interface, users can activate or add new custom plug-ins for ingestion and storage with their extracted metadata to further create large mission datasets.

The analyst workspace in LM WISDOM® provides extremely quick and advanced searching and filtering mechanisms. An analyst can easily drill down through large datasets, present the data in many types of views, set alerts, generate reports and share and tag data with other analysts.

LM WISDOM® supports a range of scalable delivery and pricing options that best meet customer needs. Our product can be accessed via a secure web connection or installed on customer-premises on specified hardware and is designed to support users ranging from single or small user groups to large enterprise organizations.

We also provide our analyst expertise in supporting customers in developing highly trained, custom taxonomies in order to tailor the processing of the system as well as software development and analytic methodology development. We provide operations and analyst support as well as user training.

Exploiting social media as an intelligence source requires high-performance collection and analysis algorithms that can rapidly distinguish between high-value information and noise among massive and rapidly changing content.