

# Semantria API

## Text Analytics and Natural Language Processing in a RESTful API

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**Semantria is a flexible text analytics and natural language processing API, available across all deployment models**

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When it comes to customer feedback, survey results, tweets and more, it can be difficult to extract valuable intelligence to improve experiences. Understanding who is talking, what they're saying, and how they feel can provide context to your data. Linking that information to your application can be an additional challenge. That's where Semantria's text and sentiment analysis can help.

### Solution

**Semantria wraps the text analytics and natural language processing (NLP) features of Saliency engine into a RESTful API with graphical configuration and user management tools. Companies integrate Semantria to add customizable natural language processing functionalities and data analyst teams and consultancies connect Semantria to their preferred business intelligence tools to gain context-rich intelligence distilled from unstructured text data.**

Semantria is easy to tune, infinitely scalable, and highly adaptable. It can be deployed on premise, in public or private clouds, within hybrid cloud infrastructure, or all of them at the same time. Semantria maintains 99.995% up-time and does not store any data beyond configuration information.

## Natural Language Processing Features

✓ Sentiment Analysis

✓ Entity Recognition

✓ Categorization

✓ Theme Analysis

✓ Intention Detection

✓ Summarization

## Options And Add-Ons

- Industry Packs
- Custom Machine Learning Models
- Tuning and Configuration Services
- Storage and Visualization Tools
- Dedicated Processing Clouds

## Scalability

Semantria is infinitely scalable, from a single processor analyzing a few thousand documents per day up to an entire data center packed with high-end machines handling billions of documents.

## Configuration & Industry Packs

Utilize graphical configuration tools to define custom entities, create query topics, build category taxonomies and more. Or plug in our pre-built configurations for 10% or greater accuracy improvements in sentiment scoring, entity recognition, categorization and intention detection.



Hotels



e-Commerce



Airlines



Pharma



Restaurants



Voice of Employee



Energy



Insurance



Automobiles



## Deployment

Deploy across any combination of on-premise, private cloud, hybrid cloud, and public cloud infrastructure.



## Languages

We can help you manage 29 languages and dialects representing 67% of the world's population across 6 continents.



## Privacy & Security

Semantria does not store any data. User data is only decrypted for processing and immediately re-encrypted afterwards. Semantria's deployment flexibility ensures compliance with GDPR and other regulations by handling sensitive data on-premise or in a private cloud when needed.



## Data Processing Centers

Run Semantria locally to meet latency requirements or to comply with GDPR and other regulations.

- ✓ European Union
- ✓ Australia/Oceania
- ✓ United States



## Integration

Easy API connectors link to most business intelligence tools and systems so you can integrate our NLP into your enterprise analytics infrastructure.

“**Integration was easy and straightforward. I like the ability to add my own scores and customize the dictionary [and...] the vast amount of languages the product supports.**”

Director of Engineering,  
Leading Social Media Monitoring Company

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