

## Overview

Janya Inc. is a language technology company providing solutions for information discovery from unstructured and semi-structured text. Janya's evolutionary text analytics technology goes beyond simple entity extraction. It identifies relationships among pieces of information, providing actionable intelligence, and an evidence trail for discovery applications.

With expertise in the defense and intelligence markets, Janya is highly responsive to customer needs and constraints. Janya partners with complementary technology vendors and systems integrators to deliver tailored solutions. Janya's products are available directly and via resellers and systems integrators.

Janya is a Red Herring 100 North America 2008 Finalist, recognized for innovative technology.

### **Information Discovery powered by Semantex™**

Janya's flagship product, Semantex™ is a complete text extraction platform that supports the automatic or semi-automatic analysis of large volumes of electronic information in order to detect entities, attributes, relationships and events.

Backed by a decade of development and integration, Semantex™ is modular, scalable and portable to various domains. The platform has been used to power both commercial and government intelligence applications.

### **Customization via Semantex Workbench™**

What sets Janya apart from other text analytics technology providers is the high level of customizability of its Semantex™ platform. Semantex Workbench™ is a tool that allows domain customization of Semantex™ extraction capabilities by Subject Matter Experts (SMEs).

### **Services**

Great technology solutions are only part of the answer to real world extraction problems. In addition to cutting-edge extraction capability, Janya offers a wide range of services to ensure that its solutions fit the requirements of its clients, while also being dynamic and scalable.

- **Domain Customization**

Janya offers customization services that leverage the same domain experts and trained linguists who develop the core Natural Language Processing modules. Customization efforts typically involve tailoring results to a customer's domain or particular taxonomies/ontologies, involving specific entity type definitions, domain-specific name recognition, event ontology creation, and new attribute and relationship mapping. Janya offers its domain customization services both in-house and on-site.

- **Application Customization**

Janya provides application customization services to ensure that its products fit seamlessly into existing organizational IT setups. Semantex™ can be adapted to process various input document formats, output needs and specialized extraction workflows.

- **Training and Support**

Janya provides training to individuals or groups of users to maximize effectiveness and use of Semantex™ and Semantex Workbench™. Training focuses on customization, configuration and integration with Janya's solutions. On-site support as well as support via phone and e-mail are available.

## Semantex™ Platform Features

### Customization

- Allows plug-in for data sources
- Rapid dynamic adaptation
- Customization through Semantex Workbench™ by non-linguists

### Information Discovery

- Profiles allow tracking of associated information
- Quickly identifies obscure or hidden relationships
- Merged profiles span multiple documents and maintain original document connections
- Audit trails
- Supports and feeds advanced discovery applications including context-aware search, link analysis, timeline visualization

### Hybrid Processing Model

- Combination of machine learning and natural language processing technologies
- This best of breed configuration improves accuracy and portability to new domains

### Tight Integration with Search

- Works with any search engine index
- Combines keyword search with text analytics

### Multilingual Support

- Native Unicode UTF-8 text support
- English, Simplified Chinese, other languages supported

### Scalability

- Distributed architecture increases throughput
- Scales with increasing volume requirements

### Support for a Variety of Input Formats

- FBIS, USMTF, HUMINT, Dialog, Lexis-Nexis, Factiva and Open Source
- Support for other formats through retrievers

### Time Savings

- Reduces time to evaluate critical information
- Increases productivity of key personnel
- Integrates easily and quickly with existing systems and workflows

### Merged Profiles

- Cross-document merged profiles for each unique entity identified

## Why Janya?

- Cutting edge Text Analytics technology developed through sustained efforts for over a decade
- World-class researchers and software engineers who continually enhance Semantex™ and support Janya's customers
- Partnerships with systems integrators and complementary technology vendors to provide complete solutions
- Janya goes beyond being a technology provider, and works with its customers to build relationships, strives to be responsive to their needs and to show results.

## Corporate Information

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