

An aerial photograph of a city, likely Chicago, showing a river (the Chicago River) flowing through a dense urban area. Several bridges cross the river, and tall skyscrapers line the banks. The lighting suggests late afternoon or early morning, with long shadows and a warm glow. The text is overlaid on the left side of the image.

**WASTING VALUABLE TIME
& RESOURCES PROCESSING
UNSTRUCTURED DATA? STOP.**

SAGENCE

SAGENCE NATURAL LANGUAGE PROCESSING REVEALS INSIGHTS AND OPPORTUNITIES FROM UNSTRUCTURED DATA



COMPANIES MIRED IN UNSTRUCTURED DATA

According to Gartner, enterprise data is expected to grow by 800% in five years, with unstructured data representing 80% of that growth. Credit ratings agencies, banking institutions, law firms, and others face enormous challenges extracting intelligence from sources like PDFs, ISDA master agreements, 10Ks, and newsfeeds.



IMPROVE SPEED

Average processing times for a 100-page document range from 2 to 8 hours.

As manual data extraction needs grow, companies may find that they are dealing with an increasing backlog of work.



INCREASE QUALITY

Manual data extraction is prone to human error.

Errors are random and unpredictable.

When experienced manual data extraction resources leave, their knowledge goes with them.



DECREASE COST

Clients with sizable data extraction needs spend millions of dollars annually in resource costs and find it increasingly difficult to scale operations.

MANUAL DATA EXTRACTION

AUTOMATED DATA EXTRACTION W/ NLP

Automated extraction can process similarly sized documents in two minutes, reducing processing time by 60 to 480 times.

Sagence NLP does not compromise speed and can scale as data extraction needs grow.

As knowledge engineering is refined, classification improves and quality assurance efforts are reduced.

Value detection is systematic and predictable.

Sagence NLP never forgets, never tires, and never leaves.

By reducing the quantity of document specialists required to perform manual data extraction and adjustments, Sagence NLP significantly decreases human capital costs.

As Sagence NLP is refined and adopted, training costs are reduced. Cost savings increase year over year, allowing operations to scale efficiently.

SAGENCE NLP CONSISTS OF FOUR MAIN STEPS



SAGENCE NLP FEATURES

BUSINESS

- End-to-end workflow
- Handle multiple extraction use cases within a single document
- Configurable user dictionary
- Capture document context using metadata tagging
- User configurable rules and knowledge base
- Multiple data sourcing options (Web, FTP, internal feeds, manual upload)
- Multiple document types (PDF, scanned documents)
- Pre-extraction document data cleanup and adjustment
- User dashboard to manage workflow and ensure quality assurance
- Data distribution to key systems and consumers
- Stores documents within content management system

TECHNOLOGY

- Modular architecture
- Open source components
- Extensibility to additional analytical tools
- Integrated data sourcing and retrieval (Web, FTP)
- Integration with reference data systems and custom feeds
- Intelligent algorithms for data preprocessing
- Distribution via XML or data services
- Customizable load balancing and work routing
- Conforms with enterprise standards
- Deployable via custom environments, virtual machines, or cloud-based platforms

An aerial photograph of a city skyline, likely Chicago, featuring a river (the Chicago River) and several bridges. The buildings are tall and modern, with a mix of glass and concrete facades. The river is blue, and the bridges are made of steel. The overall scene is a dense urban environment.

SAGENCE

**START SAVING MILLIONS OF DOLLARS EACH
YEAR PROCESSING YOUR UNSTRUCTURED DATA.
TAKE ADVANTAGE OF SAGENCE NLP.**

**SAGENCE IS A SPECIALIZED FIRM DESIGNED TO
HELP ORGANIZATIONS DRIVE THEIR BUSINESSES
WITH INFORMATION AND INSIGHT THROUGH
BETTER DATA AND ANALYTICS PRACTICES.**

CONTACT US TODAY

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