

Meet
pronoia












Founded in 2008, Tarjama is a localization and language technology provider helping companies manage their multiple language content in any file format and to scale.

As companies capitalize on opportunities for global growth, Tarjama delivers language solutions that, at a minimum, meet international standards for quality, speed and efficiency, while remaining a cost-effective partner for its loyal customers.

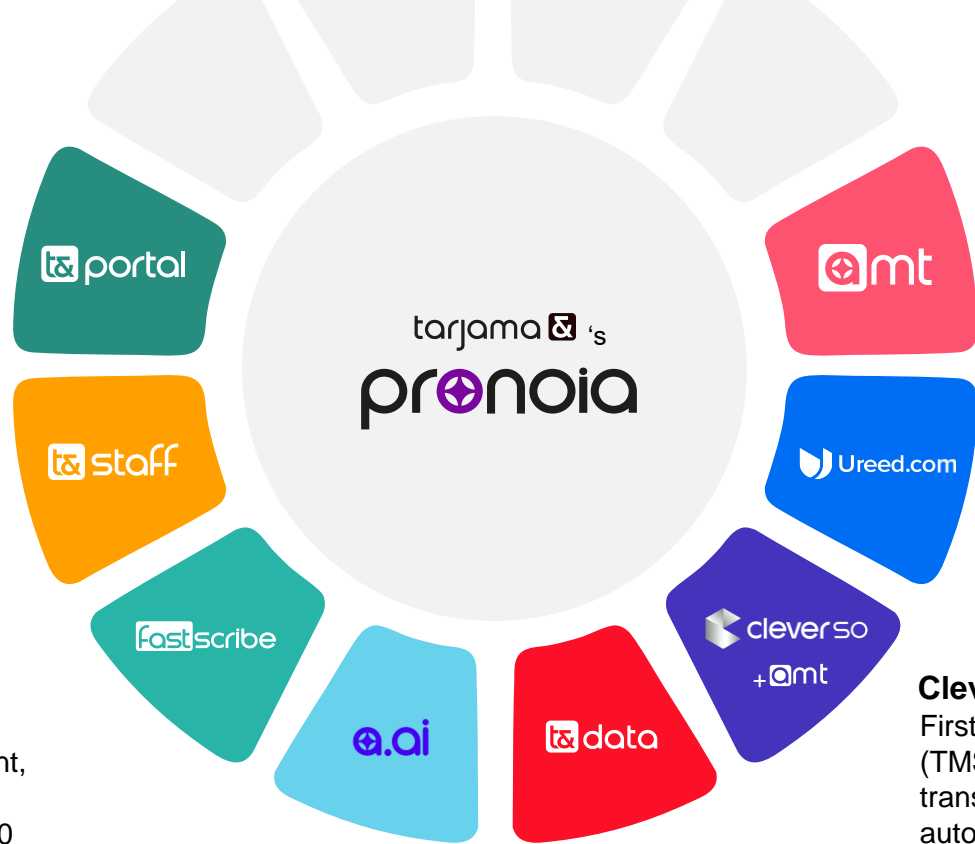


 +700 Retained clients	 +2 Billion Words processed
 +10 Arabic dialects supported	 +10 Million \$ In funding secured to date
 98% Customer retention rate	 7 Offices worldwide



 Tarjama is featured in **Gartner's** Market Guide for **AI-Enabled Translation Services**





T& Portal:

The Gateway for our clients to submit language service orders and content digitally, while also tracking their orders and spending.

T& Staff:

Digital management of client service orders. Seamlessly connected to our CRM and finance system to allow for automatic data sync of client information and automatic invoice generation.

FastScribe:

AI-powered solution for lightning-fast audio transcription and translation, FastScribe offers instant, accurate results in 26 languages. Upload or record your content, and our technology, trained on 680,000 hours of video, will handle the rest. Easily integrate these capabilities into any application with our flexible API.

Arabic AI Agent:

BaaS and Headless CMS's. Multiple integrations/ implementation with Headless CMS's and BaaS. Ensuring dynamic content delivery across various channels.

T& Data:

A state-of-the-art platform for high-quality data labeling and annotation, turning raw data into insights for AI and machine learning.

Arabic machine translation:

Available as web-based portal for instant document translation
MT API for integrations

Ureed.com:

Our freelancer Marketplace to allow for resource scalability. Connected with CleverSo TMS to seamlessly find, assign and pay translators digitally.

CleverSo:

First Arabic-centric Translation management system (TMS) geared towards the delivery of AI- enabled translation services, increasing PM efficiency with clever automation and powering translators with AI for augmented capabilities.

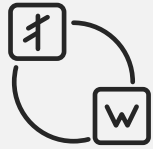


The Fine-Tuned Arabic LLM:

Achieving Near-Human Machine Translation with Enhanced Fluency, Context Awareness, and Summarization Capabilities.

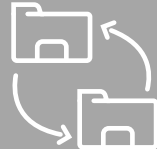
Introduction

Pronoia, an advanced Large Language Model (LLM) tailored for Arabic enterprise needs.



Introducing Our Fine-Tuned Models:

Pronoia 14B and 32B, small language models (SLMs) developed to deliver accurate and context-aware Arabic translations for business, legal, and medical content.



Objective:

Revolutionize Arabic AI by providing unmatched accuracy and contextual understanding across key industries like legal, medical, and business.



Tailored for High-Stakes Needs:

Pronoia is designed to support large businesses and government entities, ensuring precise and reliable language solutions for critical content.

Why pronoia ?



Market Need

Arabic poses unique AI challenges due to its dialect diversity, tokenization complexity, and nuanced morphology.



Solution

Pronoia is engineered specifically for Arabic, overcoming these linguistic complexities through:

Advanced Tokenization:

Tailored to Modern Standard Arabic.

High-Precision AI:

Designed for industries with high-stakes language needs.

Key Features of **pronoia**



Unparalleled Accuracy

Built on over 16 years of Arabic linguistic research.



Customizable Models:

Available in 7B and 14B configurations to fit diverse enterprise needs.



Optimized Infrastructure

Uses advanced GPU nodes to enhance performance and cost-efficiency.



Enhanced Sequential Data Processing

Pronoia excels in managing sequential data, making it ideal for time series, speech, and text. Its architecture captures temporal dependencies, remembers long-term information better than traditional Recurrent Neural Networks (RNNs), and effectively handles the vanishing gradient problem. These capabilities make it especially suitable for applications like speech recognition and language modeling.



Benefits to Enterprises



Deployment Flexibility And Support:

Supports both cloud
and on-premises
deployments.



Industry Specific Applications:

Designed for tailored
solutions in sectors like
law and healthcare.



Strategic Language Solution:

More than a translation
tool, Pronoia integrates
into workflows,
optimizing efficiency and
accuracy in complex
language scenarios.

Thank you!

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