# MODULAR MACHINE TRANSLATION SYSTEM

for specialized texts

#### **KEY VALUE PROPOSITION:**

Reducing specialized translation costs by 93-97% (14-33x cheaper) while improving accuracy by 30%



# Current solutions struggle with specialized content

- Insufficient accuracy when translating technical terminology
- Limited domain specialization across industries
- Inconsistent terminology within single documents

## SCALE OF THE PROBLEM:

\$30-50 billion annually on specialized document translation

Up to 45% of translation budgets go toward post-editing machine translations

# Comprehensive machine translation system focused on terminology accuracy

## INTELLIGENT PROCESSING OF SPECIALIZED TERMINOLOGY

Automatic extraction, classification, and context-aware translation of terms

### MODULAR ADAPTIVE TRANSLATION WITH EVOLUTIONARY ARCHITECTURE

Smart document structure recognition and optimal translation strategy selection

### COLOR-CODED CONFIDENCE MARKING

Highlighting text sections by translation confidence level

## **Evolutionary modular architecture**

## KEY ADVANTAGES:

Independent modules that can be enhanced without affecting others

High scalability through microservice architecture

Phased development: MVP with core modules ready for commercial deployment



## **MVP** and product development

## MVP (Q2 2025)

Core terminology control functionality

Specialized models for automotive and oil & gas sectors

Primary language pairs: English ↔ Russian, German, French

Key advantage: immediate commercial viability

# Product development (Q3-Q4 2025)

Expansion across industry verticals

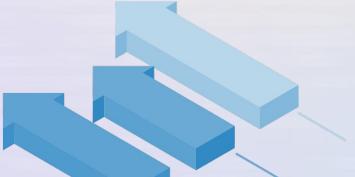
Addition of new language pairs

Enhanced post-editing tools

## Adaptation to technological advances:

Modular architecture enabling rapid integration of emerging technologies

Focus on industry expertise rather than foundational translation models



## **Growing specialized translation market**

- Machine translation market: \$800 million (2024) with 18.9% annual growth
- Specialized translation segment: \$280 million (35% of the market)

- Target market share by 2026:
   2% of the specialized segment (~\$6 million)
- Market forecast by 2026: \$400+ million (based on current growth trajectory)

#### **COMPETITIVE ADVANTAGES:**

CRITERIA	OUR SOLUTION	DEEPL	GOOGLE	MICROSOFT
Specialization in domain texts			<b>⊘</b> 0	
Automatic terminology extraction		×	×	
Color-coded confidence marking		×	×	X
Integration with corporate glossaries				



## **Monetization model**





#### PRICING PLAN:

Base rate: \$0.003 per translated word

Enterprise rates: 10%+ discounts for volumes exceeding 1 million words per month

#### Included features:

- Automatic terminology extraction
- Color-coded confidence marking
- API access and workflow integration

#### **ROI CALCULATION FOR CLIENTS:**

- Current translation costs: \$0.04-0.1/word
- Our solution: \$0.003/word
- Savings: 93-97% (14-33x cheaper!)

#### **UNIT ECONOMICS ANALYSIS:**

METRIC	VALUE	NOTES	
Average client	2 000 000 words/month	Typical volume for a mid-sized translation agency	
Revenue per client	6 000\$/month	At the base rate of 0.003\$/word	
Annual revenue per client	72 000\$	ARR per average client	
Variable costs	0.0006\$/word	20% of the rate (computational resources)	
Gross margin	80%	Percentage of profit after variable costs	
CAC	2 400\$	Cost of acquiring one client	
LTV	216 000\$	With an average client lifespan of 3 years	
LTV/CAC	9.0	Target efficiency indicator >3	

WITH A VOLUME OF 2 MILLION WORDS/MONTH:

Traditional translation: \$80,000-\$200,000/month

Our solution: \$6,000/month

Monthly savings: \$74,000-\$194,000 (93-97%)

ROI: 1,230-3,230% in the first year



# Unique combination of expertise

# Alexey Zhuravlev

Linguistic expertise

25 years of experience in technical translation

Specialization in automotive, oil refining, and mining industries

# ATEVE

Technology partner

18 years of software development experience

Core competencies in multilingual content processing and analysis

Track record in building scalable big data systems

#### FOCUSED TEAM FOR RAPID LAUNCH:

- Streamlined technology team (3-4 developers)
- Industry experts engaged on a contract basis

# Projected financial performance over 2 years

INDICATOR	Q2 2025 (MVP)	Q3-Q4 2025	Q1-Q2 2026	Q3-Q4 2026
Volume of translated words	10 million	50 million	150 million	300 million
Revenue	\$30 000	\$150 000	\$450 000	\$900 000
Expenses	\$100 000	\$150 000	\$180 000	\$220 000
Profit/Loss	(\$70 000)	\$0	\$270 000	\$680 000
Clients (cumulative)	5	15	30	50

**BREAKEVEN POINT:** 

Q3-Q4 2025

(4-6 months after MVP launch)

#### **INVESTMENT HIGHLIGHTS:**

Initial investment: \$300,000

Annual revenue by Q4 2026:

\$1.8 million

Company valuation by Q4 2026:

\$4.5-5.4 million (15-18x ROI)

Valuation basis: annual revenue of \$1.8 million with a multiplier of 2.5-3.0x

## **Investment Allocation**

## Required investment: \$300,000

#### MVP development: \$150,000 (50%)

- Creation of core modules and integration
- Model training for 2-3 primary industries
- Development of post-editing tools

#### Operating expenses: \$60,000 (20%)

- Infrastructure and computational resources
- Development team compensation

#### Marketing and client acquisition: \$60,000 (20%)

- Targeted campaigns for translation agencies
- Industry event participation

#### Terminology database development: \$30,000 (10%)

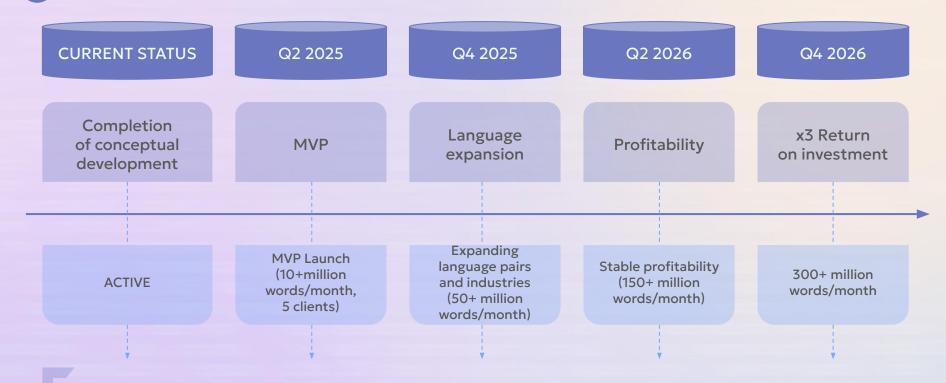
• Creation of industry-specific glossaries

• Tools for automatic terminology extraction

## Key risks and mitigation strategies:

- Risk: Emergence of new foundational translation models
- Mitigation: Our modular architecture enables swift integration of new technologies while maintaining our competitive edge in domain specialization





#### **KEY MILESTONES:**

- Q2 2025: MVP launch (10+ million words/month, 5 clients)
- Q4 2025: Expansion of language pairs and industries (50+ million words/month)

- Q2 2026: Stable profitability (150+ million words/month)
- Q4 2026: 3x return on investment (300+ million words/month)

## Contact us for additional information

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#### ADDITIONAL MATERIALS AVAILABLE:

- Comprehensive business plan and financial model
- Technical documentation on solution architecture
- System prototype demonstration



