RWS Language Weaver

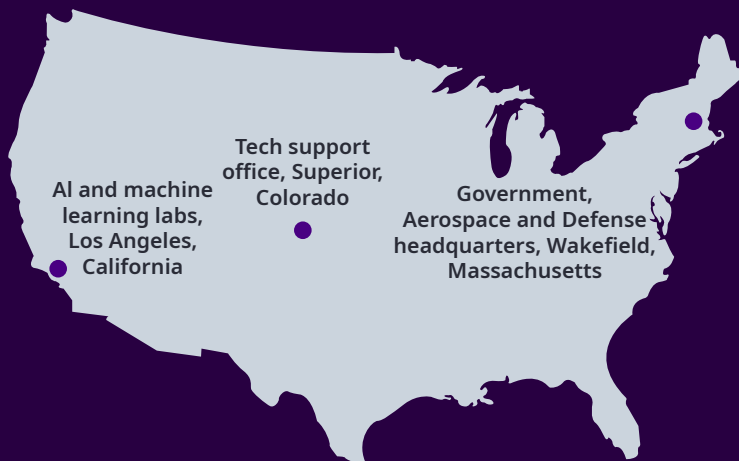## Capability Statement

Language Weaver:
Secure AI translations for defense, intelligence and law enforcement

About Language Weaver

Language Weaver® provides enterprise-grade machine translation that is secure by design, infinitely adaptive and fully scalable. Language Weaver can integrate with digital forensics to minimize the effort required to translate multilingual content.

Our locations in the US

AI and machine learning labs, Los Angeles, California

Tech support office, Superior, Colorado

Government, Aerospace and Defense headquarters, Wakefield, Massachusetts

RWS Language Weaver

Language Weaver's clients and government use cases

Secure machine translation solutions for government, intelligence and law enforcement

Our state-of-the-art neural machine translation and natural language processing technologies allow government departments and agencies to function effectively across language barriers and exploit multilingual content as quickly as it arrives. Our solution covers:

- Mobile and digital forensics in investigations requiring rapid translation of information extracted from target devices

- Open-source intelligence (OSINT) and broadcast monitoring for actionable intelligence, regardless of language, for publicly available information

- Signals intelligence (SIGINT) in support of cross-language, cross-border military intelligence activities

- Cyber threat intelligence (CYBINT) for analysis of multilingual conversations collected from the dark and open web

- Lawful interception for analysis of criminal communications irrespective of language

- eDiscovery and data analytics for multilingual document review in international cases

- Linguistic AI for intelligence, surveillance and reconnaissance (ISR) and threat intelligence

- Multilingual intelligent virtual assistant, powering the chatbot for citizen self-service or robotic process automation (RPA)

- Compliance with the executive order and Department of Justice memo for public sector agencies to ensure language access for non-English speakers to documents, FAQs, websites, forms, etc

Why do government organizations need AI-powered machine translation?

Rise of AI/big data solutions is scaling up government information (volumes, domains, formats, language requirements)

Open-source intelligence (OSINT), as additional insights for threat intelligence and allied command and control, is proliferating

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Why choose a tailored machine translation solution?

Security

Language Weaver protects your data with our secure-by-design infrastructure backed by the strictest data residency and privacy provisions across on-premises and cloud platforms.
Language Weaver Edge offers a powerful MT solution that can be deployed on-premises or in a private cloud, keeping the content processed through MT secure within the organization's network.

Scalability

Language Weaver solutions can be deployed for a single language pair at a baseline performance of 2,000 words per minute. Scale as needed to 3,000+ language combinations with a performance of 500,000+ words per minute.

Adaptability

Leverage unique adaptive capabilities to generate translation output that is tailored and specific to your organization, domain context and business use cases. Maximize the value of AI-powered adaptation across the entire organization by continuously enhancing the accuracy and quality of translations over time.

Case study

How US Forces Korea (USFK) broke down language barriers on the Korean Peninsula with Language Weaver

The challenge

USFK needed secure, quick, high-quality document translation and instant translation within their chat client software.

The solution

Language Weaver chat client connection and a browser-based UI, reducing document translation time from two months to just one day and allowing personnel to resolve issues more quickly.

Visit **US Army in Korea Uses Language Weaver (rws.com)** for the full case study.

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Suggestions for next steps

To partner with us, fill out our form for **deal or opportunity registration**.

Please see **Language Weaver Connector Hub Ecosystem** for a list of our API connectors.

An RWS partnership can have a measurable business impact within global aerospace and defense. With our language technologies and services, you can cover a wide range of needs, including:

Language technology use cases

- Secure multilingual chat, field communications, support and joint exercises
- Secure instantaneous document translation
- Multilingual virtual assistant
- Secure global external communications
- Enhanced foreign military sales support
- Reduction of language barriers between joint forces for command and control

Throughout our evolution, we have focused on providing our clients with the best-value services, backed by innovative technology. Partnering with our clients is always a top priority. We are committed to ensuring client and partner satisfaction, which we measure in a variety of ways, including regular surveys, quarterly business reviews and annual renewals consistently being exercised.

SDL Inc.

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To learn more visit

languageweaver.com/government

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