PROMT Translation Server
Developer Edition

SECURE MACHINE TRANSLATION

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The solution allows for the integration of translation functions into software products and web-sites

INTEGRATION BENEFITS FOR COMPANIES AND BUSINESS USERS

DOCUMENT FLOW

- Data Privacy: important information will not be disclosed during the translation process
- Document Translation: cheap, fast and in real time
- Productivity Increase: company specialists work with any multilingual content more effective

LOCALIZATION

- Faster Access to National Markets: companies can identify new partners, customers, and markets and realize greater business mobility
- Quicker and Cheaper than Manual Translation Used Alone: companies can save up to 20-35% when dealing with documents
- Intelligent Integration: ready-made connectors and tailored customization

WEBSITES

- Free Communication for Website Visitors: users from different countries can post comments in their native language and understand each other
- News Translation: real-time translation of news will turn users from different countries into regular readers
- Online-Shopping: online shoppers will see descriptions of the goods, as well as payment and delivery information in their native language

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PRODUCT DESCRIPTION

EDITION FEATURES

- Translation engine that can be installed in client's facility and work offline
- Open and easy-to-use translation API based on Microsoft .NET web services (REST and SOAP protocols are available; HTTPS/SSL is also supported)
- SDK with API description and examples of integration in various programming languages (C#, Java, PHP)

- Two-layer architecture that allows to manage capacity of translation system (scalability is already implemented and available out-the-box)
- Easy and flexible administration of users
- User data backup/restore as an out-of-box feature
- Translation statistics by users, language pairs and types of files

API FEATURES

BASIC FEATURES

- Translation of plain text string
- File translation (different formats supported)
- Dictionary lookup (obtaining multiple translations of given word from different dictionaries)

EXTENDED FEATURES

- Synchronous/asynchronous translation
- Uploading additional linguistic data
- Source language auto-detection
- Text pronunciation

ADDITIONAL IMPROVEMENTS

- Development of additional modules for text processing (upper- and lowercase normalization, removing whitespaces, handling of specific constructions)
- Linguistic customization (dictionaries, Translation Memory bases, profiles, language models)

- Engineering customization (developing additional modules and API methods on demand)
- In-house/Cloud deployment
- Ready module connectors for GMS systems (SDL Worldserver, SDL TMS, GlobalSight) and Translation Memory systems (Trados, Deja Vu)

SUPPORTED LANGUAGES

Full list in www.promt.com

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INTEGRATION EXAMPLE

SharePoint

INTEGRATION POSSIBILITIES

- Personal translation pane in the user environment on the corporate portal
- Easy navigation in multilingual sections of corporate portals

- Document translation (MS Office, PDF, XML supported) with preserving of original structure and format

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INTEGRATION VARIANTS

- Developing own module that invokes PROMT Translation Server through API
- Installing WSP pack developed by PROMT with webforms for text, web-pages and document translation

- Installing HTTP Proxy module developed by PROMT for translation of web pages of the portal entirely (without actions from user side)

TECHNOLOGY ADVANTAGES OF INTEGRATION

- Ready pack for integration
- Simplicity and speed of deployment
- Reliability of the platform
- Additional languages, dictionaries, translation profiles

- Low cost of ownership
- Fast and accurate translation
- Translation in environment that native for end-user

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PURCHASE AND DEPLOYMENT

SUBSCRIPTION

Full technical support and precise linguistic customization through subscription

SUBSCRIPTION ADVANTAGES

- Free version upgrades
- Maintenance hours for consulting and customized improvements/modifications
- Dedicated Account Manager and Technical Support Manager

- Faster response time
- Development of additional dictionaries , Translation Memories by PROMT specialists
- Training webinar for users

SYSTEM REQUIREMENTS

DEDICATED WINDOWS SERVER (PHYSICAL OR VIRTUAL) WITH

Hardware:

- processor with 2 or more cores (4 or more recommended)
- 4 Gb RAM (8 Gb)
- 10 Gb * of free spase on disk (20 Gb)
- OS - Microsoft Windows Server 2008R2/2012/2012R2/2016

Note: the requirements above apply to PROMT Translation Server with baseline rule-based engines. The requirements for PROMT DeepHybrid engine and/or statistical language pairs (English<>Chinese, Arabic, Finnish, Kazakh) are higher (since statistical components consume more RAM) and can be given on demand.

PERFOMANCE

One translation server (TS) translates 1.5 KB per second. Within this bandwidth, a translation server can process up to 15 requests per second and keep up to 20 threads.

INDUSTRY SOLUTIONS

IT and Telecommunications I Banking and Finance I Public sector I Medicine I Metallurgy and Mining Engineering I Oil and Gas I Pharmaceutics I Chemical Industry I Power Engineering