

## Trados Studio apps/plugins for machine translation

For a long time now, I've been intrigued by the very large number of apps/plugins in the Studio appstore which give access – free or paid – to various types of machine translation services and facilities. Since I have lately found that the use of MT may give surprisingly good results at least for En > Sv (as well as completely useless ones), I was curious to know more about all these various options. Below is a brief overview of what I found trying to explore them to the best of my ability.

Some general observations:

- Several of the plugins offer to build MT engines based on your own TMs (with some of them, that's the only option) and, in some cases, also termbase data. This requires fairly big TMs – typically at least 80,000 TUs – for reasonable usefulness. This type of service of course also means full confidentiality (you are its only user). However, normally such an engine suffers the same problem as other MT engines: it is not updated while you translate; you have to rebuild the it with the new TM data – and that will take some time. Newer engines, however, gives the possibility of adding fragments as you go (SDL's Adaptive MT does this automatically, but only for some language combinations), but for full usage of all new TUs, the engine must be rebuilt.
- Some plugins require you to sign up for an account, free or paid, but details about that is not always provided with the plugin/app. Others require purchase of a specific tool, or purchase of internet-based services – but again, this is not always stated in the presentation of the app.
- Those details are sometimes not the only thing that is lacking. I have tried to provide such information below; in some cases extensive text is necessary, and if so, it is provided in the Studio manual.

I have not been able to try all plugins – in particular, I have not had any MT engines built based on my own TMS – but generally I believe that for most common (and suitable) language pairs, you may get unexpectedly good results from the “big” options: SDL Language Cloud, Google Translate, and Microsoft Translator (which means that also MyMemory and RyS may be good options).

This document will of course be updated (e.g. prices and availability of language pairs will change), so any comments/additions/corrections are more than welcome.

Note on confidentiality: “Full” means that the service provider (if that is the case) will not make your data available to others. But as with the data on your own computer, they are of course susceptible to hacker and similar attacks. And of course, for services over the internet you need a safe (https) connection.

App name	Comment	Web page for account/API key/order/info	Language combinations	Price	Confidentiality
<a href="#">AltLang MT for language varieties</a>	For automatic adaptation of content into different varieties of the same language.	API key by asking help@prompsit.com.	Aimed at language variant conversion (e.g. American English-British English). Supports variants for Spanish (es_ES-es_LATAM),	Free. (Enhancement or adaptation comes at a cost.)	Full.

			French (fr_FR-fr_CA), Portugueses (pt_PT-pt_BR) and English (en_UK-en_GB) ; see <a href="#">AltLang Main Page</a> .		
<a href="#">CMLess Trados Studio</a>	An instruction booklet for the Studio plug-in, SYSTRAN CMLess Trados Studio, can be obtained by asking for it via e-mail (support.team@systrangroup.com). In Studio, this app is listed as "SYSTRAN". Documentation sent on request.	<a href="#">Systran.io</a> link or <a href="#">Enterprise server</a> link	19 languages (mainly major European languages + some minor ones). 34 language pairs.	Free (systran.io); paid (Enterprise Services, which has many options).	The free service is not secured. The paid service is.
<a href="#">Convertus Automated Translation</a>	Engines can be updated with user's TM.		Swedish/Finnish > English, English > Swedish	Free.	Full.
<b>Google CloudTranslate API</b>	Not an app. Offered by default as one of the TMs listed when you select Use. It is also available via the MT Enhance Trados Plugin; that plugin offers further provider options (see below). Neural MT used if possible. The results are often suprisingly good.	Open account or sign in at <a href="https://cloud.google.com">cloud.google.com</a> ; then Go to console > Getting Started > Enable APIs and get credentials like keys. See also <a href="#">instructions here</a> .	> 100 languages; see <a href="#">Language Support</a> .	Per month pro rata; for 0–1.5 bn characters it is \$20 per mn. See <a href="#">Pricing</a> . Trial (up to \$300 value during 12 months) is free. There is also a Premium edition.	"When you send Google text for translation, we must store that text for a short period of time in order to perform the translation and return the results to you. The stored text is typically deleted in a few hours, although occasionally we will retain it for longer while we perform debugging and other testing." For more, see <a href="#">Data confidentiality</a> .
<a href="#">Iconic Machine Translation Plugin</a>	In Studio, this app is listed as "IPTranslator Plugin". For information, see <a href="#">link</a> .	<a href="#">Link for contact</a>	En <>9 languages incl. Chinese, Japanese, Korean, Russian. See <a href="#">link</a> .	Depends on need. "A company has a translation need for a particular use case and come to us and we assess the suitability / feasibility of the project from our perspective, and from an MT perspective in general."	Full.
<a href="#">KantanMT API connector for Trados Studio</a>	API Key obtained by subscribing. Your own TM(s) can be used to customise the engines.	Video instruction <a href="#">here</a> . Subscription <a href="#">at €499/month</a> . Subscription <a href="#">at €999/month</a> .	Over 580 language pairs.	<a href="#">Pricing</a> from €499/month.	Full.
<b>Microsoft Translator API</b>	Not an app. Available via the MT Enhance Trados Plugin and the RyS Microsoft Translator plugin. The API is obtained via the Windows Azure Marketplace. Information/overview <a href="#">in pdf here</a> . There are also Microsoft's own instructions at <a href="#">Signing Up for Microsoft Translator</a> . The results are often suprisingly good.	<a href="#">Azure link</a>	52 (including 2 Klingon variants)	Free for < 20 mn characters per month. See this <a href="#">Data page</a> .	"Microsoft Translator does not use the text you submit for translation for any purpose other than to provide and improve Translator, including improvements to the quality and accuracy of translations provided by Translator. (...) The text we use to improve Translator is limited to a sample of not more than 10% of randomly selected, non-consecutive sentences from the text you submit, and we mask or delete numeric strings of characters and email addresses that may be present in the samples of

					text." For more, see the <a href="#">Translator Privacy Statement</a>
<a href="#">Moses plug-in for SDL Trados</a>	<p>You need a pre-built Moses engine. Jon Olds tells me that there are various options:</p> <p>1) Buy Slate Desktop, which is a version of Moses for Windows. PrecisionTranslation Tools is the vendor.</p> <p>2) Install VirtualBox and build a Moses machine on a Ubuntu VM. This works well for translating, but the training stage may be less successful unless you have a lot of RAM. This option would cost you nothing other than time.</p> <p>3) Use Amazon Web Services and work with Moses in the Cloud. There's a small per hour charge by AWS. (In Studio, this app is listed as "Link up a Moses server with SDL Trados".)</p>		Any – depends on your engine.	None, I think (but the use of the app needs a pre-built engine which may entail costs).	Full. since you use your own data.
<a href="#">MT Enhanced Trados Plugin</a>	<p>Gives access to Microsoft Translator API and Google Translate (actually Google Cloud Translate API). SDL provides instructions for Microsoft Translator Credentials for this app <a href="#">here</a>.</p>		As for Google Cloud Translate API and Microsoft Translator.	Free.	As for Google Cloud Translate API and Microsoft Translator. You can do batch find& replace on the source text before sending it and on the returned target text (if you select to send it, which however is not the default option).
<a href="#">MyMemory</a>	<p>Uses (1) your own uploaded TM [if any], (2) public TMs, (3) Google and Microsoft. Also Pro version with CustomMT; it includes an "Adaptive MT" function. Offers free TMs in .tmx format. Further information <a href="#">here</a> and <a href="#">here</a>. See also text in the Studio manual.</p>	<a href="#">MyMemory link</a>	Very large number.	Basic version free. Pro version €0.004/source word (but a free trial for 7000 words).	Basic use: Option not to update segments, in which case there is full confidentiality. If you update them, they will be available to other translators (but not Google or Microsoft). You can also select to use your private TM in which case that is what is updated, giving full confidentiality.
<a href="#">Prompsit MT Plugin</a>	<p>Uses the free/open-source platform Apertium for rule-based machine translation systems.</p>	<p>Get API key by asking via email (<a href="mailto:help@prompsit.com">help@prompsit.com</a>).</p>	<p>Aimed at <i>related</i>-language pairs (e.g. Swedish-Danish). 43 pairs from 29 languages (leaning towards Romance, Scandinavian and South-Slavic languages with some outsiders); see the <a href="#">Apertium Main Page</a>.</p>	<p>Free. (Enhancement or adaptation comes at a cost.)</p>	Full.
<a href="#">RyS Baidu Translate</a>	<p>Gives access to Baidu Translate, including recognition and retrieval of terms from Baidu's termbases.</p>	<p>User instructions provided with the download from <a href="#">the RyS web site</a> (which is free, so you can investigate the functions before purchase).</p>	<p>Several combinations XX &gt; Chinese.</p>	<p>For use of the app: US\$30 per license.</p>	<p>Unknown. But you can select not to return translations.</p>
<a href="#">RyS Google Cloud Translate (NMT)</a>	<p>Gives "reliable and quick access to Google Neural Machine Translation System" and "comes with a robust, while easy-to-use, pre-and-post-editing feature that will instruct Google NMT not to translate some elements in a source segment, terms or sensitive information, for</p>	<p>User instructions to be found in the download of the "key-free" version of the same plugin from <a href="#">the RyS web site</a> (which is free, so you can investigate the functions before purchase).</p>	<p>As for Google Translate.</p>	<p>For use of the app: US\$50 per license.</p>	<p>Same as for Google Translate above. You can select not to return translations.</p>

	<p>example, but to return position information instead and let the plug-in itself fill these 'gaps' later with the information you provide in the plug-in's Pre-and-Post-Editing List".</p> <p>Google's neural MT is not available for all language pairs; but the post-editing function seems interesting.</p> <p>(In Studio, this app is listed as "Google Cloud Translate by RyStudio".)</p>				
<a href="#">RyS Microsoft Translator</a>	<p>Can use your own TMs as well as Microsoft Translator. The results seem to be very much the same as MS Translator via the MT Enhance Trados Plugin (see above).</p> <p>(In Studio, this app is listed as "Microsoft Translator by RyStudio".)</p>	User instructions provided with the download from <a href="#">the RyS web site</a> (which is free, so you can investigate the functions before purchase).	As for Microsoft Translator.	For use of the app: US\$30 per license.	Same as for Microsoft Translate above. You can select not to return translations.
<a href="#">RyS SoGou DeepL Translate</a>	Gives access to SoGou DeepL (that's an upper-case i).	User instructions provided with the download from <a href="#">the RyS web site</a> (which is free, so you can investigate the functions before purchase).	So far only English <> Chinese.	For use of the app: US\$50 per license.	Unknown. But you can select not to return translations.
<b>SDL Language Cloud</b>	<p>Built into Studio. Offers both "basic" MT and specialised MT engines. Also allows use of termbases.</p> <p>For detailed information, see the LC homepage and the Trados Studio manual.</p>	Via Studio. (Or <a href="#">start here</a> .)	A lot, but for non-European languages only pairs of Xx > En are supported.	Free or paid (staggered) depending on what serviced you require. Price list <a href="#">here</a> .	Full.
<a href="#">Slate Desktop translation provider</a>	<p>The app gives access from within Studio to the Slate Desktop software, which creates MT engines (no limit) based on your own TMs and termbases.</p> <p>Video instructions <a href="#">here</a>.</p> <p>For user experiences, see for instance <a href="#">here</a> and <a href="#">here</a>.</p>	Start <a href="#">here</a> .	32 languages; 992 language pairs.	<p>Slate Desktop lifetime license.</p> <p>One language pair: \$269</p> <p>All language pairs: \$549</p> <p>30-day trial period with money-back guarantee.</p>	Full.
<a href="#">Sunda Translator</a>	Uses Sunda's own MT engines.		En <> Fi	€44 for one month in either direction. More prices in <a href="#">Price List</a> . For free trial, see <a href="#">Sunda Translator in SDL Trados Studio</a> .	Full.
<a href="#">Tauyou Machine Translation Plugin</a>	The app gives access from within Studio to the tauyou software, which creates MT engines (no limit) based on your own TMs and termbases.	Request account at <a href="mailto:info@tauyou.com">info@tauyou.com</a> .	"Many language combinations" including combinations of all the major languages.	€990 per month and server; includes up to 20 engines, up to 1 mn words/ month and 4 hrs of ongoing improvement. No free demo, but trial period can be requested.	Full.
<a href="#">Tilde Machine Translation plug-in</a>	Creates custom MT engines based on your own TM and termbase data, providing the full range of professional customization services. Users can also customize their own engines on the Tilde MT platform using resources from	Link for <a href="#">free trial</a> .	Any language combination.	Free 30 day trial period (includes customization of client's system). After that monthly subscription fee with a price per engine.	Full.

	Tilde's multilingual data repository.				
<a href="#">Transistent API Connector</a>	Creates MT engines based on your own TM and termbase data.		Any language combination.	A charge for "training" of the engine based on your TM; depends on volume. For use: ca .01€/word.	Full.
<a href="#">VERTO LinguaCustoda</a>	Uses customised MT engines. No reply to repeated questions for information.		Probably depends on your material.	See <a href="#">link</a> .	Probably full.

In future, I would like to be able to supplement this information with the corresponding data about MT plugins for other CAT tools, starting with Déjà Vu, memoQ, Memsource, and CaféTran. For the time being, I know that these are the plugins for:

- *Déjà Vu*: Asia Online, Baidu, Google Translate, itranslate4.eu, Microsoft Translator, MyMemory, Pangea MT, PROMT, SYSTRAN
- *memoQ*: Altlang MT, Crosslang Gateway MT, Google Translate, IP-Translator MT, itranslate4.eu, KantanMT, LetsMT!, Microsoft Translator, Moses MT, MyDutchPal, MyMemory, Omniscien, PangeaMT, Slate Desktop, SYSTRAN, Tauyou, Tilde MT
- *Memsource*: Apertium, Google Translate, KantanMT, LetsMT, Microsoft Translator, MoraviaMT, NICT, Omniscien, PangeaMT, PROMT, Safaba, SDL LanguageCloud, SYSTRAN, tauyou, tauyou, Tilde
- *CaféTran*: Google Translate, Microsoft Translator, MyMemory, Slate Desktop, Yandex Translate