TARILIO Lite | TARILIO PRO

IT Administrator Guide

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About this guide

This guide is for IT administrators who deploy TARILIO PRO to many PCs and need to control what users can index, where data is kept and how AI features are used. It applies to TARILIO 2.0.9787 and later.

Every setting in this guide can be applied by Group Policy, Intune or a registry script; no setting needs anyone to visit a PC.

User-facing features are described in the TARILIO User Guide.

Installing and licensing TARILIO

Install TARILIO once per PC with the MSI; every user of that PC then gets the language, stemming, synonym and stop word files automatically the first time they start it.

The download

Releases are supplied as a password-protected zip, encrypted with AES-256, containing `setup.exe` and `TARILIO_installer.msi`. Windows' built-in Extract All cannot open AES-256 zips; use 7-Zip, WinZip or a similar tool. Both files are signed by ElectronArt Design Ltd; check the signature (file Properties > Digital Signatures) before deploying.

Installing on many PCs

Install for all users from an elevated prompt or a deployment tool (SCCM, Intune, PDQ and similar):

```
msiexec /i TARILIO_installer.msi /qn /l*v "%TEMP%\TARILIO-install.log"
```

- TARILIO installs to `C:\Program Files\ElectronArt Design Ltd\TARILIO`.
- Default data files (languages, stemming, synonyms, stop words) are installed under `\DefaultData` in that folder. Each user receives copies in their own data folder the first time they start TARILIO, installs run as SYSTEM or by another administrator work for everyone.
- `setup.exe` runs the same MSI and can be used for interactive installs.
- A newer version upgrades an older one in place; there is no need to uninstall first.

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Licensing

Method	How	Notes
Per user	Help > About > Serial...	Each user enters their own serial number.
Site licence	The **Licence serial number** policy	Every user the policy applies to is licensed; users enter nothing.
Search-only seats	A search-only serial, by either method	Users can search but not create or change indexes.

Without a serial, TARILIO is fully featured during its 30-day evaluation period; afterwards it runs as TARILIO Lite, with search results limited to 10.

Where TARILIO keeps its files

Each user's settings and indexes are in `%APPDATA%\TARILIO`; the program folder holds only the program and the default data.

Location	Contents
`C:\Program Files\ElectronArt Design Ltd\TARILIO`	User's program folder.
`...\TARILIO\DefaultData`	Default language, stemming, synonym and stop word files, copied to each user.
`%APPDATA%\TARILIO`	User's data folder.
`...\Indexes`	User's indexes, one folder each (unless the Index storage folder policy is set).
`...\IndexLibrary.json`	User's list of indexes and their settings.
`...\Config.json, Session.json`	Program settings and the last session.
`...\i18n, Stemming, Synonyms, Stop`	User's language, stemming, synonym and stop word files.
`...\Plugins, AI`	Installed plugins; local AI models and system prompts.
`%TEMP%\TARILIO\Extractions`	Files temporarily extracted from archives and email attachments during indexing; emptied each time TARILIO starts.
`Documents\TARILIO`	Default folder for exports and saved conversations.
Each index folder: `IndexTask.txt, ScheduledIndexTask.txt`	The log of the last index update, and of the last scheduled update.

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Upgrading from earlier TARILIO versions

Earlier versions kept data in `%APPDATA%\eSearch`. The first time TARILIO 2.0.9787 or later starts, it moves that folder to `%APPDATA%\TARILIO`:

- The move is a rename on the same drive, so it is instant however large the indexes are.
- Full paths to the old folder in the settings files are updated; a backup of each changed file is kept as `*.before-TARILIO-move.json`.
- What happened is recorded in `%APPDATA%\TARILIO\DataFolderMove.log`.
- The move only happens when no other copy of TARILIO is running for that user, including the AI connector started by Claude Desktop. Until then TARILIO keeps using the old folder and tries again at its next start.

After the move nothing is left at the old location.

Administrator policies

Policies are registry values that only administrators can write; TARILIO reads them at start-up and users cannot override or bypass them.

How policies work

	Registry key	Applies to
1 (wins)	HKEY_LOCAL_MACHINE\SOFTWARE\Policies\ElectronArt\TARILIO	Everyone on the PC
2	HKEY_CURRENT_USER\SOFTWARE\Policies\ElectronArt\TARILIO	One user
3	The user's own settings	Used where no policy is set

- A policy that is not set leaves the user free to choose.
- On/off policies are DWORD values: 1 = on, 0 = off. Lists are multi-string values (REG_MULTI_SZ), or a single string with items separated by semicolons. Environment variables such as `%USERNAME%` are expanded.
- Policies are read when TARILIO starts, including scheduled index updates and the AI connector. Users must restart TARILIO to pick up a change.
- Rules about locations, file types and AI services are also checked while indexing and before anything is sent, so indexes and AI connections created before a policy was set cannot get round it.
- **Help > About** shows "Managed by your organisation (N settings)" when policies are in force; hovering over it lists each policy, its value and whether it was set for the computer or the user.

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Installing the administrative template

The template files are `TARILIO.admx` and `en-US\TARILIO.adml`.

1. **Domain:** copy `TARILIO.admx` to the Central Store (`\\<domain>\SYSVOL\<domain>\Policies\PolicyDefinitions`) and `TARILIO.adml` to its `en-US` subfolder. For a single PC, use `C:\Windows\PolicyDefinitions` instead.
2. Open the Group Policy Management Editor. The settings are under **Administrative Templates > ElectronArt > TARILIO**, in both Computer Configuration and User Configuration, grouped as Indexing, AI and General.
3. **Intune:** import the ADMX and ADML under Devices > Configuration > Import ADMX, then create an Imported Administrative templates profile.

Policy reference: Indexing

Policy	Registry value	Effect
Search only	`SearchOnly` (DWORD)	1: users can search but not create, update, rebuild, rename, delete or schedule indexes; scheduled updates do not run.
Allowed index locations	`AllowedIndexLocations` (list)	Only these folders, and folders below them, can be indexed.
Blocked index locations	`BlockedIndexLocations` (list)	These folders, and folders below them, are never indexed. Wins over Allowed index locations.
Allowed file types	`AllowedFileTypes` (list)	Only these extensions are indexed, e.g. `pdf`, `docx`.
Maximum file size to index	`MaxFileSizeMB` (DWORD)	Larger files are never indexed.
Index storage folder	`IndexStorageFolder` (string)	New indexes are created here, e.g. `D:\TARILIO\%USERNAME%`.
Managed indexes	`ManagedIndexes` (list)	Read-only indexes shown to every user, as `Name|Path`. See Shared indexes on a server.
Allow scheduled index updates	`AllowScheduledIndexing` (DWORD)	0: no new schedules, and existing schedules stop running.
Allow Document Copies	AllowDocumentCopies (DWORD)	
Encrypt Document Copies	EncryptDocumentCopies (DWORD)	

Location patterns match the folder and everything below it, ignoring upper and lower case, using whole folder names: `D:\Projects` matches `D:\Projects\Client A` but not `D:\ProjectsOld`. A `*` stands for any one folder name, for example `C:\Users\*\AppData`. A mapped drive letter and its UNC path are different paths; list both if users may use either. Skipped folders are recorded in the index's `IndexTask.txt`.

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Policy reference: AI

Policy	Registry value	Effect
Turn off AI features	`DisableAI` (DWORD)	1: AI mode, AI connections and the AI connector are removed.
Allowed AI services	`AllowedAIServices` (list)	Only these services: `OpenAI`, `Perplexity`, `OpenRouter`, `Custom`, `Ollama`, `LMStudio`, `LocalModel`.
Allowed AI server addresses	`AllowedAIServerURLs` (list)	Custom connections may only use these addresses and addresses below them.
Allow users to create AI connections	`AllowCreateAIConnections` (DWORD)	0: users cannot add their own connections.
Allow downloading AI models	`AllowModelDownload` (DWORD)	0: no downloading models from Hugging Face.
Allow user MCP servers	`AllowUserMCPServers` (DWORD)	0: users cannot add MCP servers to the AI assistant, and existing ones are not used.
Allow the AI connector	`AllowAIConnector` (DWORD)	0: AI apps such as Claude Desktop cannot search TARILIO.
Allow the AI connector to read whole documents	`AIConnectorFullText` (DWORD)	0: the AI connector returns search results with short excerpts only.

Policy reference: General

Policy	Registry value	Effect
Allow exporting and copying out	`AllowExport` (DWORD)	0: no exporting results or conversations, and no copying results, documents or conversations to folders.
Allow plugins	`AllowPlugins` (DWORD)	0: no plugins are installed or loaded; no plugin code runs.
Allowed plugins	`AllowedPlugins` (list)	Only these plugins (names as shown in the Plugins window). Others are loaded briefly and then unloaded; use Allow plugins = 0 to run no plugin code.
Licence serial number	`Serial` (string)	A site licence for every user the policy applies to.
User interface language	`Language` (string)	Fixes the language: `Automatic`, `English` or a code such as `de-DE`.
Default user interface language	`DefaultLanguage` (string)	Used only by users who have not chosen a language themselves.

Example: a locked-down deployment

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This registry file makes users search-only, adds a shared index, allows only AI that runs on the PC, and blocks exporting and plugins. Import it with `reg import` or set the same values with Group Policy Preferences or Intune.

```
Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\ElectronArt\TARILIO]
"SearchOnly"=dword:00000001
"ManagedIndexes"="Contracts|\\\\server\\TARILIO\\Indexes\\Contracts"
"AllowedAIServices"="LocalModel;Ollama"
"AllowAIConnector"=dword:00000000
"AllowUserMCPServers"=dword:00000000
"AllowExport"=dword:00000000
"AllowPlugins"=dword:00000000
"Serial"="<your site licence serial>"
```

Common recipes

- **Staff search a central index, nothing else:** Search only = 1, Managed indexes listing the server index, Allow exporting = 0.
- **Keep personal and sensitive folders out of indexes:** Blocked index locations `C:\Users\*\AppData`, `C:\Users\*\Downloads` and the HR or finance shares.
- **AI that never leaves the organisation:** Allowed AI services `LocalModel`, `Ollama`, `LMStudio` (and `Custom` with Allowed AI server addresses for your own AI gateway), Allow the AI connector = 0, Allow user MCP servers = 0.

AI and your data

Indexes always stay on your own PCs and servers; document text leaves the organisation only when a user sends it to an AI service outside it, and each route for that can be restricted or turned off.

Route	What is sent	Where it goes	Controlled by
TARILIO's AI assistant (AI mode)	The question, search results and the text of documents used to answer	The AI service of the selected connection	Allowed AI services, Allowed AI server addresses, Allow users to create AI connections, Turn off AI features
MCP servers added to the assistant	Whatever the assistant passes to them	Wherever each server sends it; MCP servers are programs that run on the PC	Allow user MCP servers
The AI connector (TARILIO PRO)	Search results, and documents the AI app chooses to read	The AI app (e.g. Claude Desktop) and its provider	Allow the AI connector, Allow the AI connector to read whole documents

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Which services run where:

- **On the PC:** LocalModel (TARILIO's built-in model), Ollama and LM Studio. Nothing leaves the PC.
- **On your network:** Custom, pointed at your own AI gateway with Allowed AI server addresses.
- **Outside the organisation:** OpenAI, Perplexity, OpenRouter, and Custom connections to other addresses.

To keep all document text inside the organisation, allow only the on-PC services and your own gateway, and turn off the AI connector and user MCP servers (see Common recipes). Users can still use AI mode with those services.

TARILIO checks the allowed services and addresses each time it sends a request, so a connection a user created before the policy was applied is refused with a message rather than used.

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Shared indexes on a server

One server can build and update an index of a file share for everyone, so PCs only search it instead of each indexing the same files.

1. Install TARILIO on the server. Choose the account that will own and update the index; it needs read access to the documents.
2. For that account, set the **Index storage folder** policy to a folder on the server, for example `D:\TARILIO\Indexes`.
3. Signed in as that account, create the index of the share, for example `\\fileserver\documents`. TARILIO creates it in a new folder under `D:\TARILIO\Indexes`, named with a unique ID; **Index > Manage Indexes** shows the full path.
4. In Manage Indexes, schedule the index to update, for example every night. Updates run as a Windows scheduled task under that account.
5. Share that index folder **read-only** to users, for example as `\\server\TARILIO-Documents`.
6. On users' PCs, set the **Managed indexes** policy to `Documents|\\server\TARILIO-Documents`. Optionally also set Search only.

Users then see the Documents index alongside their own and can search it, but cannot update, rebuild, rename, delete or schedule it.

Important: results are not filtered by users' permissions. Every user who can read the index sees every document in it in their search results, including titles and excerpts, even if they cannot open the document itself. Only index shares whose documents all the index's users are entitled to see, or create separate indexes, each shared only with the group allowed to read its documents. Filtering results by each user's Windows permissions is planned for a future version.

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Customising stemming, synonyms and stop words

All three are plain text or XML files that you can edit, add to, and deploy to every user by copying them into the program's \DefaultData folder.

Files	Folder (per user)	Used	After a change
Stemming rules, ST_<Language>.dat	%APPDATA%\TARILIO\Stemming	When searching with Stemming on	Restart TARILIO, or reopen and save Search Settings
Synonym lists, *.xml	%APPDATA%\TARILIO\Synonyms	When searching, with Synonyms on	Restart TARILIO, or reopen and save Search Settings
Stop words, <Language>.dat	%APPDATA%\TARILIO\Stop	When indexing	Rebuild the indexes that use the file

Users choose the stemming language and synonym files in Search Settings and stop word files in each index's settings.

Stemming rules

Stemming lets a search for one form of a word find others, for example *battery* also finds *batteries*. Each line is a rule:

```
3+ies -> y
4+ing ->
ss    -> ss
```

- `3+ies -> y`: a word ending in *ies*, with at least 3 letters before it, has *ies* replaced by *y* (batteries becomes battery).
- `4+ing ->`: *ing* is removed when at least 4 letters remain (indexing becomes index).
- A rule without a number and `+`, such as `ss -> ss`, protects words with that ending from further change (class keeps its *s*).

Rules are tried from the top and the first one that matches is applied; this repeats until no rule changes the word, so put specific rules and protections above general ones.

Any lines after a line containing `---` or `===` are treated as comments.

To prevent words from being changed, add them as 'keep' rules to the top of the list for example:

```
news -> news
```

Will avoid 'news' becoming 'new,' so that a user's search for 'news' will work as expected.

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Synonym lists

Each item lists words that should find each other:

```
<?xml version="1.0" encoding="utf-8"?>
<UserThesaurus>
  <Item>
    <Name>contract</Name>
    <Synonyms>contract agreement deal</Synonyms>
  </Item>
</UserThesaurus>
```

Save the file as UTF-8. Words are separated by spaces.

Stop words

Stop words are common words that are left out of indexes, such as *the* and *and*. A stop word file lists one word per line. `None.dat` contains no words, for indexes where every word should be searchable.

Deploying files to every user

Copy your files into `C:\Program Files\ElectronArt Design Ltd\TARILIO\DefaultData\Stemming`, `...\Synonyms` or `...\Stop` on each PC, for example with Group Policy Preferences or Intune. Each user receives a copy the next time they start TARILIO.

- Files are copied only if the user does not already have a file of that name, so users' own changes are never overwritten. To roll out a new version of a file, give it a new name, for example `UT_Company_terms_v2.xml`.
- Language files (`DefaultData\i18n`) are the exception: they are replaced whenever the program's copy is newer, so upgrades deliver updated translations. To customise a translation, save it under a new name.

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Scheduled index updates and command-line switches

Scheduled updates are ordinary Windows scheduled tasks, created per user from **Index > Manage Indexes > Schedule Index**.

- Each task runs `eSearch.exe --scheduled <index ID>` as the user who created it, without showing a window.
- The result is logged to `ScheduledIndexTask.txt` in the index's folder.
- The **Allow scheduled index updates** and **Search only** policies stop scheduled updates running, including tasks created before the policy was set.

The program file is named `eSearch.exe` for compatibility with earlier versions.

Switch	Effect
`-s`	Search only. Same as the Search only policy but applies only when TARILIO is started with it.
`-a`	Turns off the AI features. Same as the Turn off AI features policy.
`-x`	Users cannot create AI connections. Same as Allow users to create AI connections = 0.
`-forceCPU`	Runs the built-in AI model on the processor only, for PCs whose graphics card causes problems.
`--scheduled <index ID>`	Updates one index without showing a window; used by scheduled tasks.
`--mcp`	Runs the AI connector for an AI app such as Claude Desktop (TARILIO PRO). Started by the AI app, not by users.
`--firewall-add-exception`	Adds the Windows Firewall rule for TARILIO's local AI server; TARILIO starts this itself, elevated, when needed.

Use policies rather than switches to enforce restrictions: users can start TARILIO without a switch but cannot get round a policy.

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Troubleshooting

Start with **Help > About** on the user's PC:

if policies are in force, it says so, and hovering over the line lists each policy and its value.

Symptom	Likely cause	What to do
A policy has no effect	TARILIO was not restarted, or the value was written to the 32-bit registry view (`WOW6432Node`)	Restart TARILIO. Check the value is under `SOFTWARE\Policies\ElectronArt\TARILIO` in the 64-bit view and appears in Help > About.
Folders or files missing from an index	Location, file type or size policies	Look in the index's `IndexTask.txt` for "Skipped folder" lines giving the policy. Hidden and system files are never indexed.
"Your organisation does not allow indexing this location"	Allowed or Blocked index locations	Expected; adjust the policy if the folder should be indexable.
An AI question is refused with a message about the organisation	Allowed AI services or Allowed AI server addresses	Expected; the connection uses a service or address that is not allowed.
Claude Desktop reports that the TARILIO connector failed	Allow the AI connector = 0, or Turn off AI features	Expected when either policy is set.
A new user has no languages, stemming or synonym files	TARILIO has not been started yet, or the program was installed by an older installer	Start TARILIO once; install the current version.
Indexes missing after an upgrade	The data move has not happened yet because another copy of TARILIO was running	Check `%APPDATA%\TARILIO\DataFolderMove.log`. Quit TARILIO and any AI app using the connector, then start TARILIO again.
A managed index cannot be opened	The user cannot read the share, or the path is wrong	Check the path in the Managed indexes policy and the share permissions.

For support, send the relevant `IndexTask.txt`, the **Help > About** details and, after an upgrade, `DataFolderMove.log`.

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