



# ST4 Cloud – Service Description

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## 1 Tiers

### 1.1 ST4 Cloud vs. ST4 Cloud Pro

ST4 Cloud is a turnkey, web-based ST4 component content management system operated by Quanos. ST4 Cloud is available in two tiers: ST4 Cloud and ST4 Cloud Pro. The differences can be found in the following table:

Category	Feature set	ST4 Cloud	ST4 Cloud Pro
Content Management	<b>Creation, editing and reuse</b> of text modules and graphics	✓	✓
	Assignment of <b>metadata and taxonomies</b>	✓	✓
	Customization of the rules for text modules ( <b>inline DTD elements</b> )	✓	✓
	Writing support in the form of <b>authoring assistance</b>	✓	✓
	Integrated <b>graphics editor for labeling (Callout Designer)</b>	✓	✓
	<b>Automatic conversion of graphic formats</b>	✓	✓
	<b>Embedding of supplier documents</b> and other documents as PDF or other formats in <b>publications</b>	✓	✓
	<b>Quality assurance</b> through Schematron and other <b>reports</b>	✓	✓
Variants & Versions	<b>Variant creation</b> via filters and automatic compilation	✓	✓
	Working with <b>versioned modules, releases and branching</b>	✓	✓
Translations	<b>Translation</b> of content	✓	✓
	<b>Content editing in different source languages</b>	✓	✓
	Use of <b>terminology management</b>	✓	✓
Publications	Publication of <b>PDF</b> and <b>HTML</b> & PDF preview	✓	✓
	Individual definition of <b>layouts for PDF/HTML (Page Layout Designer / Online Media Designer)</b>	✓	✓
	<b>Batch publishing</b>	✓	✓
	<b>Customization</b> of the <b>layout</b> of finished PDF publications (layout recall)	✓	✓
	Publishing of <b>Word (ST4 Word Publishing)**</b>	Add-On	
	Publication of <b>InDesign (ST4 InDesign Publishing)**</b>	Add-On	

	Parallel Publishing (ST4 Parallel Publishing)*	Add-On	
Interfaces	Import of existing <b>Word</b> documentation	✓	✓
	Import of unstructured data to ST4 via <b>Excel</b> or <b>XML</b>	✓	✓
	Interface to <b>Quanos InfoTwin</b>	✓	✓
	Interface for <b>risk assessment</b> by third-party system (e.g. Safexpert)	✓	✓
Automation	Standardized workflows for approvals and tasks	✓	✓
	Self-defined workflows for automating processes when working with nodes and links		✓
	Automatic execution of workflows		✓
	Exchange of data with third-party systems via web interfaces & workflows for importing and exporting data		✓
	Trigger publishing via third-party system e.g. SAP *		✓
	Additional non-productive sandbox environment (e.g. for the development of workflows)		✓
AI	AI-based text transformation (AI Writer)***	✓	✓
	AI-based metadata allocation (AI Jetpack)	Add-On	
	AI-based translation (AI Translator)***	Add-On	

\* The functions are currently not yet available.

\*\* Published documents in this format can only be opened and edited outside the ST4 Cloud.

\*\*\* To use AI Writer and AI Translator, a paid subscription to the API of plusmeta resp. DeepL is also required. The subscription for plusmeta is available through Quanos.

## 1.2 Clients in ST4 Cloud

Only licenses with the ST4 Cloud or ST4 Cloud Pro add-on can be used in the ST4 Cloud. Other licenses cannot be transferred. The following clients are available for ST4 Cloud and ST4 Cloud Pro:

Feature set	Power	Author	Web Contributor	Web Reviewer
Reading, commenting and sharing content	✓	✓	✓	✓
Participation in ST4 workflows	✓	✓	✓	✓
Creation, editing and reuse of text modules and graphics	✓	✓	✓	
Assignment of metadata and taxonomies	✓	✓	✓	
Publishing in the supported formats	✓	✓		
Translation of content	✓	✓		
Integrated graphics editor for labeling (Callout Designer)	✓	✓		
Individual definition of layouts (Page Layout Designer / Online Media Designer)	✓			
Customization of the layout of finished PDF publications (layout recall)	✓			
Workflow editor for ST4 Automation (Automation Designer)	✓			
Integrated video editor for labeling (Callout in Motion)	✓			
System administration, information modeling and role-rights management	✓			

As the Power Client is absolutely necessary, e.g. to define your own layouts or metadata, the first Author Client is automatically upgraded to a Power Client free of charge. Additional subscriptions for ST4 Cloud (Pro) Power are only required if several people need to access concurrently functions in the Power Client.

## 1.3 Full functionality in the browser

The ST4 Cloud is a web-based component content management system. All functions are available via your web browser:

- The ST4 Web Clients developed natively for the web
- The tried-and-tested desktop applications ST4 Author (until the end of 2026) and ST4 Power

You have two usage options for ST4 Author and ST4 Power:

- *Direct access in the browser:* These applications are streamed to your browser via AWS AppStream. So you can use them without local installation.
- *Local access:* Alternatively, you can install the AWS AppStream Client on your computer. This allows you to access ST4 Author and ST4 Power as usual as desktop applications.

Both options offer you full functionality, so you have the flexibility to decide which way of working is best for you.

## 1.4 ST4 Cloud Author Assistant

ST4 Cloud Author Assistant is the authoring support for ST4 Cloud, powered by Congree.

It includes:

- Spellcheck and grammar check
- Terminology check with automatic variant recognition
- Style check for selected predefined rules
- Sentence and fragment reuse (Authoring Memory)
- Central dictionary management

You also receive access to the basic version of Congree's terminology management system TermTiger. In this version, the data model contains predefined fields suitable for the intended use case, but it cannot be extended.

The ST4 Cloud Author Assistant must be set up separately, since it is based on a Congree cloud service. If you would like to use it, please contact your Customer Success representative. The ST4 Cloud Author Assistant is only available in your production environment, not in your sandbox.

If you want to transfer terms from ST4 Lexicon entries, export them in TBX format so that Congree can import them into TermTiger.

If you are migrating from TIM RS to ST4 Cloud, export your terminology from the local TermTiger installation in TBX format and export the Congree user dictionary in CRP format. Congree will then import both files into your cloud instance. The Authoring Memory will be rebuilt based on the content migrated into ST4.

### 1.4.1 Add-Ons zum ST4 Cloud Author Assistant

#### Multiple editing languages

The special linguistic features are available for German, English, Spanish, French, Italian, and Japanese. One of these languages is selected during setup.





If you want to use the ST4 Cloud Author Assistant in more than one editing language, you will need:

- **Language Pack Plus** for up to three different editing languages
- **Language Pack Max** for all available editing languages

## Style check based on predefined rule sets

If you require style checking based on predefined rule sets, you can integrate one of the following into the style check of the ST4 Cloud Author Assistant by using the Congree Essential Edition:

- Simplified Technical English (English)
- Congree Best Practice for Technical Documentation (German/English)
- Verständliches Schreiben (Plain Language) (German)
- Tekom Leitlinien – Regelbasiertes Schreiben (Tekom Guidelines – Rule-Based Writing) (German)
- DIN 8579: Übersetzungsgerechtes Schreiben (Writing for Translation) (German/English, in preparation)
- Best Practices for Marketing Communication (German)

## AI improvement suggestions

In connection with the style check, **Congree AI-Assisted Content** provides concrete improvement suggestions.

## Synchronization with a company-wide terminology system

With **Congree TermSync**, the integrated terminology management can be updated overnight from a company-wide terminology system.

## Terminology development

**Congree Term Candidate Extraction** proposes new terminology candidates within the ST4 Cloud Author Assistant. Entries for these candidates can then be created in the integrated Congree TermTiger and released there.

## Upgrade to the standard version of TermTiger

Upgrading to the Standard **Congree TermTiger** for web-based terminology management and company-wide terminology search provides the following additional features:

- Freely definable entry model
- Language check (for licensed languages) during input (e.g., of definition texts)
- Customizable views
- Web interface for company-wide terminology search (with CI customization options)

All terms you have managed so far in the ST4 Cloud Author Assistant will be automatically transferred.

## 1.5 Special regulations until the end of 2026

- Until the end of 2026, every cloud license of ST4 Power and ST4 Author includes access to the corresponding ST4 Desktop application and the ST4 Web Author application at no extra charge. ST4 Web Author includes the web-based editor of SCHEMA ST4. No other editor can be used in the ST4 Cloud.
- At the end of 2026, the ST4 desktop application of ST4 Author will be replaced by ST4 Web Author at the same price. At the same time, access to ST4 Web Author in ST4 Power will be replaced by a web-based editor.
- Until ST4 Web Reviewer is available, cloud customers will receive the ST4 Slim Reviewer as a temporary replacement
- Until ST4 Web Contributor is available, cloud customers receive ST4 Web Author as a temporary replacement at no extra charge
- The add-ons ST4 InDesign Publishing and ST4 Word Publishing are still an integral part of ST4 (Web) Author / ST4 Power. They are currently 100% discounted. Once they become available as separate products, they will be charged from the following year, unless cancelled.
- The ST4 Parallel Publishing add-on is not yet available in the ST4 Cloud. It is therefore 100% discounted until further notice. Once it becomes available as a separate product, it will be charged from the following year, unless cancelled.

## 2 Scope of services

### 2.1 Documentation of SCHEMA ST4

A description of the functionalities of SCHEMA ST4 can be found in the publicly accessible documentation at <https://help.quanos.com/product/ST4>.

### 2.2 Managed ST4

In the ST4 Cloud, the customer's application specialist administrators have access to the tools in ST4 Power and the web-based admin portal. In the admin portal, they have access to license quotas and user management.

The ST4 Administration Console, ST4.dbtool and other ST4 administration tools are not available as the system is operated by Quanos.

### 2.3 Differences to the functional scope of typical on-premise installations

In the ST4 Cloud, the user does not have access to Microsoft Office products. Most functions in ST4 that import or export Office documents work nevertheless. One important function that is not available is "Produce comparison document".

Existing ST4 Automation workflows may have to be adapted for cloud operation. The file system is organized completely differently and is not persistent in some cases, which usually makes synchronization via watched folders impossible, for example. When accessing internal systems, it must be borne in mind that ST4 Cloud is classified as an external system.

ST4 Cloud supports COTI Level 1 and COTI Level 3. COTI Level 2 is not available due to the ST4 Cloud architecture described in the previous paragraph.

Since ST4 Cloud does not include Ghostscript support, ST4 Cloud cannot display EPS graphics and cannot process them in PDF productions.

## 3 System requirements ST4 Cloud

- Internet access

### 3.1 ST4 Web Clients / Desktop Clients via browser (AWS AppStream)

For the Web Author, the Web Contributor, the Web Reviewer/Slim Reviewer and access to the desktop clients, you only need a supported browser on the client side.

The current version (64-bit version) of:

- Microsoft Edge (Chromium)
- Mozilla Firefox
- Google Chrome

### 3.2 Alternative access to the desktop clients via native Windows application

The AppStream 2.0 client for Windows is a native application designed for users who require additional functionality not available in browsers during their AppStream 2.0 streaming sessions. Details can be found at <https://aws.amazon.com/de/appstream2/faqs/>

The system requirements can be found at <https://docs.aws.amazon.com/appstream2/latest/developerguide/client-system-requirements-feature-support.html#client-system-requirements>

### 3.3 IT infrastructure

An identity provider is required to operate the application.

- Supported identity providers: Microsoft Entra ID (formerly Azure AD)

## 4 Technical limits

In the following, the term "*number of seats*" is used repeatedly to refer to the *agreed maximum number of concurrent users for ST4 Power + ST4 Author users*.

The term *user* refers to a person who has access to SCHEMA ST4 with a user ID.

Database size	max. 1 TB
User profile memory	1 TB for all users
Max. Size of an upload file	500 MB
Max. Number of ST4 Web Author, who are logged in concurrently	Number of seats <sup>1</sup>

### 4.1 No installation of additional third-party software

ST4 Power and ST4 Author are operated in a virtual Windows environment and made available to the customer in the browser via App Stream. It is not possible to install additional customized third-party software in these environments.

ST4 Cloud interacts with third-party software via ST4 Automation, in particular Automation Connectivity, which allows data to be exchanged and individual processes to be triggered via web services.

### 4.2 Operating parameters AWS App Stream

- Disconnection Grace Period – 30 Minutes

If your connection is interrupted—for example, by closing your browser, network issues, or logging out—your session will remain active for the disconnection grace period. If you reconnect within this period, you can seamlessly resume your previous session. After the period expires, the session will be permanently closed. Restarting the application will open a new session.

- Inactivity Timeout – after 60 Minutes

If there is no keyboard or mouse activity for the given time, you will be automatically logged out. You will receive a warning notification before automatic logout occurs. After logout, the reconnection period begins, during which you can resume your session.

- Maximum Session Duration – 10 Hours

Each session has a maximum session duration. After this duration, the session will automatically end, even if it is still in active use. You can start a new session at any time after this.

<sup>1</sup> The ST4 server is provisioned accordingly. A larger number must be agreed individually.

- Retention Period for files in the “Temporary Files” directory – Only During the Session

All files in the Temporary Files directory will be deleted at the end of the session.

- Retention Period for files in the “Home Folder” directory – Unlimited

Files in the Home Folder are not deleted. However, the total shared storage space for all users is limited as specified in section 5.1. A very large number and/or very large files in the Home Folder can increase login times.

## 5 Additional usage-dependent fees

In the following, the term "*number of seats*" is used repeatedly to refer to the *agreed maximum number of concurrent users for ST4 Power + ST4 Author users*.

The term *user* refers to a person who has access to SCHEMA ST4 with a user ID.

### 5.1 Included in the subscription fee

ST4 database size	100 GB
Traffic	1 TB/month
User profile memory	30 GB x number of seats
Number of users who use the AWS AppStream (e.g. to access ST4 Author / ST4 Power) during a calendar month	2 x number of seats
Fonts	One-off installation of up to 20 additional fonts

### 5.2 Sandbox (only for ST4 Cloud Pro customers)

Sandbox for non-productive use (e.g. for developing workflows)	on demand
Availability	Monday - Friday, 9:00-17:00, Berlin time
Number of concurrent users	Maximum 2 per licensed type
Database synchronization with the production environment	once a year free of charge

The ST4 Cloud Author Assistant is not available in the sandbox.

## 5.3 Additional fees depending on usage

ST4 database size	73€/month additional 100 GB/month each
User profile memory (all users)	29€/month additional 500 GB/month each
Traffic	91€/month additional 500 GB/month
10 additional users who use the AWS AppStream (e.g. for access to ST4 Author / ST4 Power during a calendar month)	98€/month
Customized installation of additional fonts	205€ per installation of up to 20 fonts

If 75% of the key figures listed under "Included in the subscription fee" are reached, you will receive an e-mail from the technical contact person informing you accordingly.