

# COCALC ONPREM

Alternative to OverLeaf, JupyterHub, and Slack  
onprem.cocalc.com



## CoCalc OnPrem is an enterprise grade commercial alternative to Overleaf

- ✓ **Full real-time collaboration:** edit the same files, see collaborators' cursors, chat with them.
- ✓ **PythonTeX/SageTeX/Knitr:** add R, Python or Sage code to generate parts of you document.
- ✓ **AI Assistant:** generate document templates and math formulas, fix LaTeX errors, ask for text improvements, and more.
- ✓ **TimeTravel:** our unique automatic version control and backup system complements Git and supports collaboration.
- ✓ **Extensive testing** in our production environment, bugs are promptly fixed, and your questions are addressed.

## Powerful, customizable, and collaborative LaTeX editor

**TeX Input** **PDF Output**  
Syntax highlighting, forward sync to PDF, etc. Updates quickly, inverse sync to source, etc.

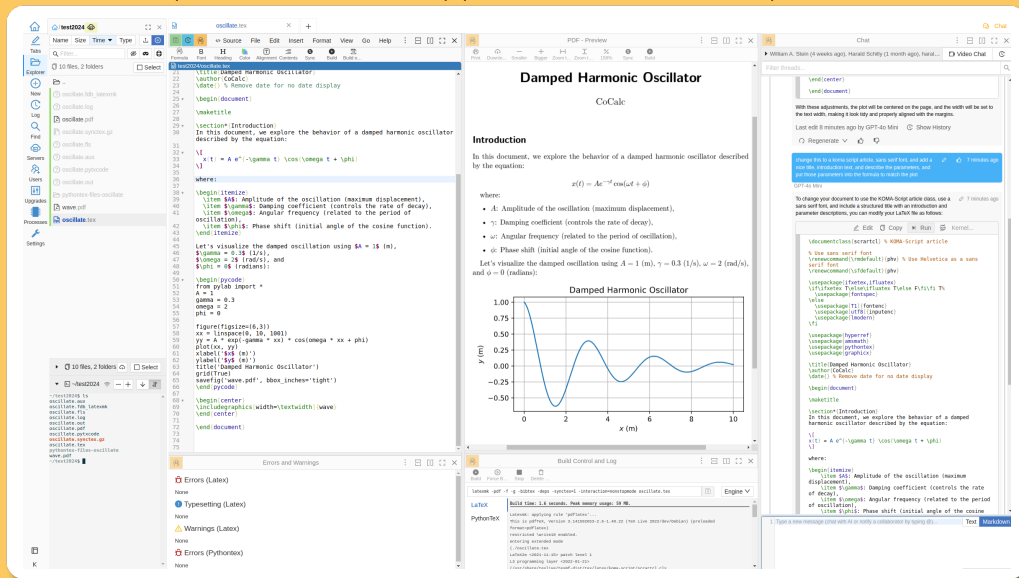
### File Explorer

Unfold "Explorer" to get an overview and access to all files in your project.

### Linux Terminal

If you need full control, expand a Linux Terminal.

Support for Python, R, Git, and SageMath comes right out of the box.



### Side Chat

Click on "Chat" to open a chat panel on the side.

Communicate with collaborators next to the document using @mentions.

You can also ask an AI LLM chatbot for help, fix bugs, rewrite a section, write TeX code, etc.



Documentation

### Errors and Warnings

Build Control: logs, customizable build command, etc.

### Key Features

- ✓ **Real-time collaboration** for all documents.
- ✓ **LaTeX Editor, R/Quarto, Jupyter Notebooks, and Linux Terminal.**
- ✓ **Unified solution for research, teaching, and publishing.**
- ✓ **Ubiquitous integration with AI tools (LLMs).**
- ✓ **Scalable architecture** for performance and reliability.

### Benefits

- ✓ **Leverage existing infrastructure** investments.
- ✓ **Access everything "in one place".**
- ✓ **Data sovereignty** to follow compliance rules.
- ✓ **Meet specific regulatory requirements.**
- ✓ **Keep everything isolated inside a VPN.**



OnPrem Homepage

### Technical Specifications

- ✓ **Runs on a Kubernetes cluster.**
- ✓ **Uses a file-storage solution and PostgreSQL.**
- ✓ **Inherits security and scalability** from our SaaS platform.
- ✓ **Supports the full data science and scientific Python stack.**
- ✓ **Makes LaTeX, Python, R/Knitr/Quarto, SageMath, and more available.**

LATEX



CoCalc OnPrem combines the collaborative power of CoCalc with the security and control of on-premises deployment. Thus making it the ideal solution for organizations with specific infrastructure requirements or data privacy concerns. Contact [help@cocalc.com](mailto:help@cocalc.com) to learn how to transform your organization's collaborative scientific computing capabilities.