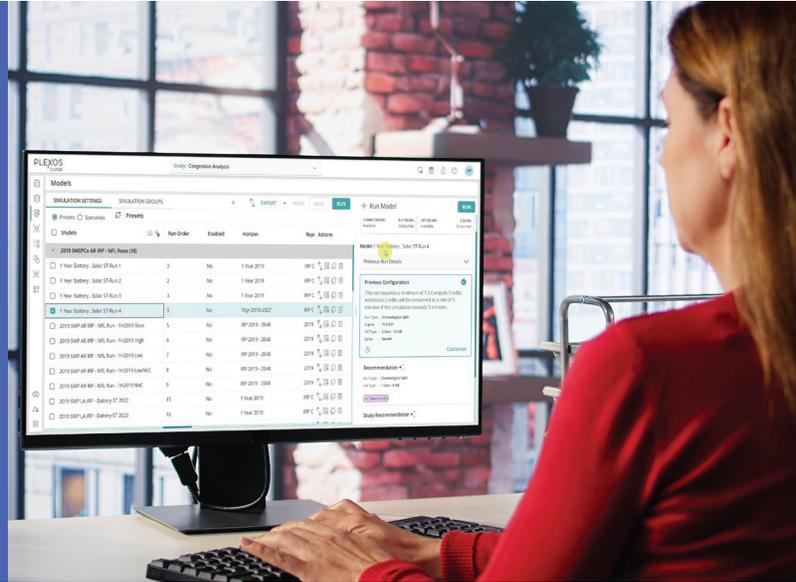# PLEXOS® Cloud

Extend your PLEXOS® environment with PLEXOS® Cloud

PLEXOS® Cloud delivers scalability, speed, and collaboration without disrupting your current workflows. Maintain full control in the desktop interface you know while gaining access to powerful simulation capacity, built-in dashboards, AI-driven analysis, and audit-ready governance, all through a secure, managed cloud environment.

Why PLEXOS® Cloud?

Avoid congestion blind spots

Use congestion analysis in PLEXOS® Cloud to screen sites, quantify risk, and understand system-wide bottlenecks, without local infrastructure limits.

Finish studies faster

Scale runs and automate prep/post-processing so analysts cut time-to-answer while exploring more scenarios in parallel.

Turn outputs into results

Build shareable dashboards that combine charts, maps, and grids so results are easy to compare and publish to stakeholders.

Automate and orchestrate your workflow

Use pre/post-simulation tasks, simulation chaining, and DataHub-backed lineage to eliminate manual handoffs and reduce turnaround.

Built-in transparency and control

Every assumption, input, and edit is tracked. Restore prior versions instantly with rollback and version control.

Gain built-in intelligence

Use PLEXOS® Intelligence to run plain-language queries, infeasibility diagnostics to understanding what's driving changes and trends.

Scale without losing control

Your analysts maintain full editing rights in desktop. PLEXOS® Cloud adds compute flexibility, standard user access, and cross-functional reach.

Energy Exemplar

From desktop to cloud: how PLEXOS® Cloud enhances your environment

If you use PLEXOS® desktop to...	PLEXOS® Cloud enables you to...
Run heavy compute studies	Instantly scale to 10,000+ cores without infrastructure limits
Conduct scenario analysis	Run large volumes of cases in parallel and re-report without rerunning models
Generate reports manually	Use dashboards and built-in visual analytics instead of spreadsheets
Manage file handoffs	Share live models with full version control and rollback
Handle siloed data and workflows	Automate inputs, chain simulations, and publish results efficiently

Proven cloud capabilities

- **Re-reporting:** Save up to 50% in credits by generating new outputs from completed runs without full re-simulation.

- **Memory pagination:** Run large models on standard VMs by dynamically managing memory, reducing failures and costs.

- **Resume simulations:** Pick up from a checkpoint after changes or interruptions, no need to restart the full model.

- **Pre/post processing:** Automate inputs and outputs using scripts that run before or after simulations to streamline repeatable workflows.

- **DataHub:** Maintain versioned storage with full lineage tracking to keep all inputs and outputs traceable, consistent, and easy to reuse across studies.

- **PLEXOS® Cloud Excel Add-in:** Edit and sync model data directly from spreadsheets with cloud-linked updates.

- **PLEXOS® Playbooks (optional add-on):** Access curated templates to get simulation ready immediately and standardize repeatable studies across teams.

Security and compliance

Security is built-in, not bolted on. PLEXOS® Cloud ensures:

- SOC 2 Type II and ISO 27001 certification, audited annually

- Encryption in transit and at rest, with per-tenant isolation

- Regional hosting in the U.S., Ireland, and Australia

24x7 monitoring, backups, patch management, and penetration testing

ISO
9001:2021

AICPA
SOC
aicpa.org/soc4so

Take the next step

Schedule a demo of PLEXOS® Cloud today.

Energy Exemplar