

RELEASE NOTE

LISE++ 18.7.9 Silent Mode Update

New utility commands and batch-completion logging

Release: 18.7.9 **Date:** August 28, 2026 **Scope:** Command-line silent mode

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Summary. Silent mode can now update COSY-linked matrices, manually recalculate e-block optical matrices, and write a persistent command/status log without opening the utilities' result windows.

New command-line keys

Key	Action	Silent-mode behavior
-cosyUpdate /cosyUpdate	Update matrices linked with COSY files.	Runs the existing COSY update and records its completion status; no result window is shown.
-eCalc /eCalc	Manually recalculate e-block optical matrices.	Runs the existing expert recalculation and records its completion status; no result window is shown.
-log /log	Create a batch execution log.	Writes the command list and per-action completion status to <LISE file base>_log.txt beside the input file.

Command example

```
LISE++.exe "S:\experiments\run.lpp" -s -cosyUpdate -eCalc -log
```

Operational details

Execution order. The COSY update and e-block recalculation run after optional isotope-list loading and before Brho changes, tuning, and transmission calculations.

Log lifecycle. A fresh log is created for each run. The raw batch command list is recorded first, completion lines are flushed as actions finish, and the file ends with the silent-batch completion time.

Filename rule. For file.lpp, -log writes file_log.txt in the same directory. The extension is removed before _log.txt is appended.