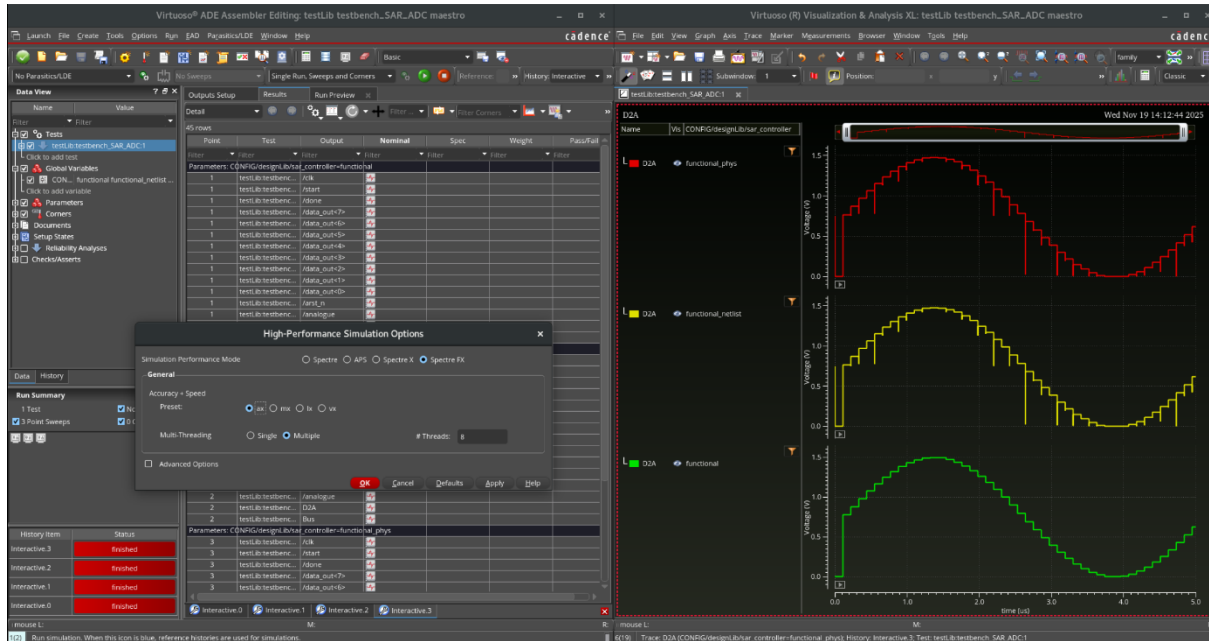


# What is new in the Cadence 2025-2026 release?

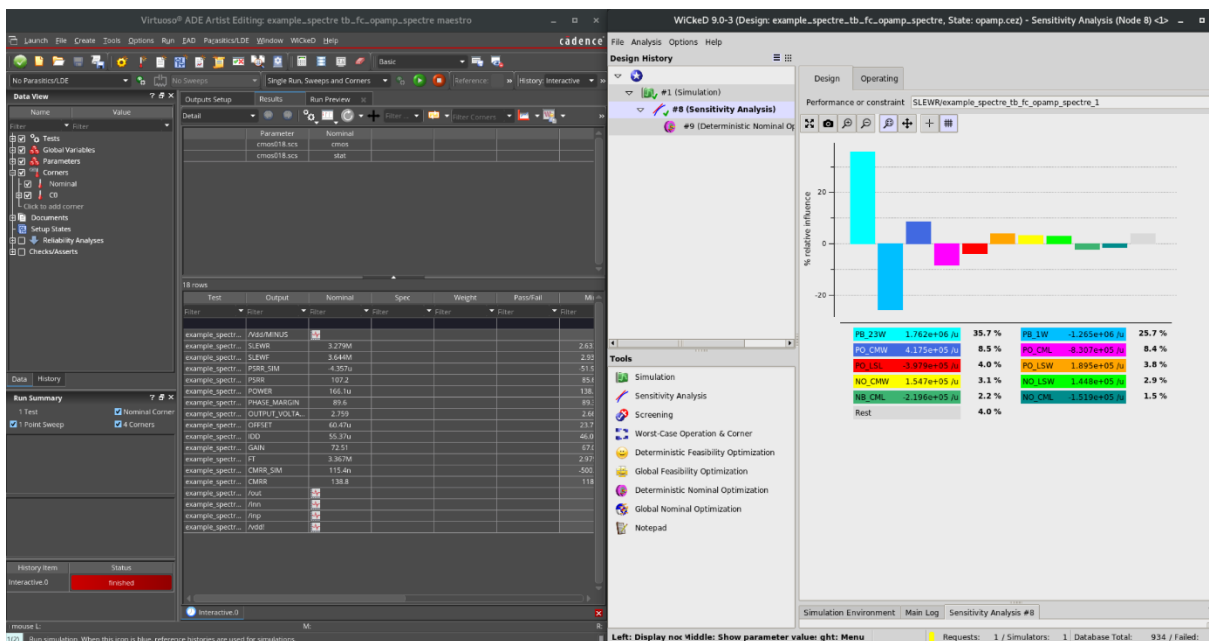
## Spectre FX

Spectre FX is the latest FastSPICE simulator from Cadence, with license support now included by Europractice Cadence licenses. Spectre FX utilises advanced partitioning and netlist reduction algorithms to significantly speed up simulation speed, whilst retaining accuracy. This enables high capacity and large scale design SPICE level simulation. Multi-core parallelisation is included in Spectre FX, further helping improve performance.



## Virtuoso ADE Artist

A new license tier for ADE has been introduced by Cadence for IC25.1 This new license tier enables the use of the WiCkEd tool. WiCkEd is an optimisation and statistical analysis simulation environment, for optimising designs accounting for variability. Also enabled are enhanced visualisation features for optimisation and statistical data. Support is also enabled by this license tier for multi process designs, allowing the co-simulation of designs from different PDKs.



**Certus Closure Platform**

Certus provides a full chip optimisation environment with a massively parallel architecture, allowing large scale simultaneous hierarchical optimisation for signoff timing closure. Certus integrates with the Cadence Innovus Implementation System and Tempus to provide the full optimisation flow.

**Joules Flash Replay**

Joules Flash Replay allows the ability to replay partial or complete stimulus, on a portion of the design, and regenerate the full activity. This allows for improvements in design efficiency, whilst maximising power and optimisation accuracy.

**Spectre X GPU**

License support has been added to Europractice Cadence licenses for the use of a GPU with Spectre. The use of a GPU can have significant simulation speed up benefits. Support is limited to NVIDIA enterprise grade GPU.

**Other changes**

Other changes to the portfolio to note are the removal of PVS and MVS from the installation files as these are end of life, and the removal of the Litmus installation, which is now included inside the SSV installation.

For full details on the Europractice Cadence portfolio and information on how to order, please see:

<https://www.europractice.stfc.ac.uk/tools/cadence.html>