OPAL-RT TECHNOLOGIES

HYPERSIM
On Demand

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EMT Simulation

THE PLATFORM FOR ACCELERATING COMPLETE EMT SIMULATION BEFORE GOING TO REAL TIME

OPAL-RT presents **HYPERSIM On Demand**, a simulation platform to accelerate the prototyping, development and testing of power system equipment.

The solution that enables parallel execution of simulation tests on multiple cloud simulators also offers staggering performance gains over standard EMT simulation software.

amazon webservices™

Use only what you need, when you need it, with commitment-free pay-as-you-go pricing.

Run models and scenarios on your virtual simulators, then use your own machines for the rest.
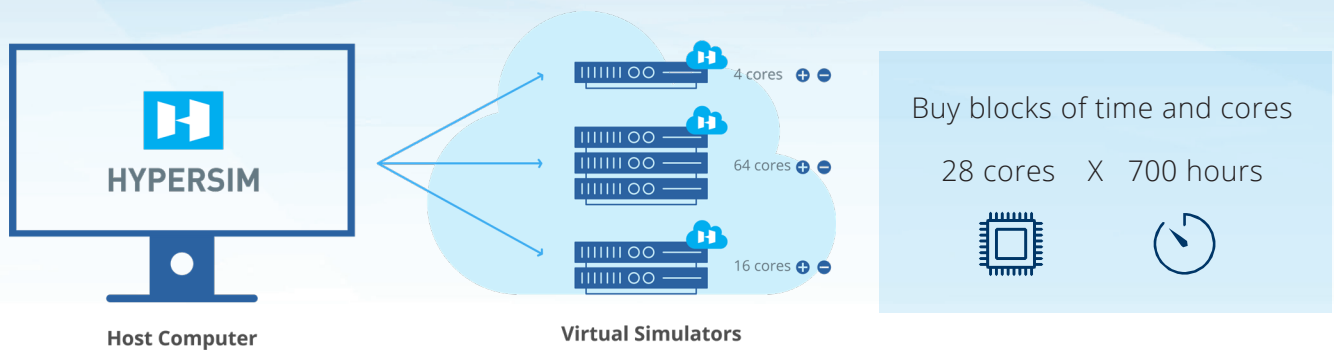
Extend your model simulation abilities by as much as required, for as long as required.

FEATURES & BENEFITS

- Use HYPERSIM On Demand for simulations that require substantial CPU power—for short time periods.

- Take advantage of our massively parallel resources, available as you need them, and as your budget permits.

- Make simulation resources available for your large project, side-stepping the usual concerns about the time and/or money required for permanent licenses or hardware infrastructure.

- Spread one massive simulation—that might hypothetically run for hours, days, or even weeks—across as many cores as required, until it's done.

CUSTOMIZE YOUR VIRTUAL SIMULATOR

Host Computer

HYPERSIM

4 cores
64 cores
16 cores

Virtual Simulators

Buy blocks of time and cores

28 cores   X   700 hours

HOW IT WORKS

HYPERSIM
On Demand

Buy pre-paid blocks of time/cores

80 cores   X   100 hours

1.
Sign up, select the number of cores, hours and virtual simulators that you need

2.
Log in and access your virtual simulators and view status, and time used and remaining

3.
Run HYPERSIM models in accelerated and parallel mode on your virtual simulator, in a completely secure environment

amazon web services™

We proudly use AWS' (Amazon Web Services') best-in-class federation and security. Users benefit from a data center/network architecture built to meet the requirements of the most security-sensitive organizations.

ABOUT OPAL-RT TECHNOLOGIES

OPAL-RT is the world leader in the development of PC/FPGA Based Real-Time Digital Simulator, Hardware-In-the-Loop (HIL) testing equipment and Rapid Control Prototyping (RCP) systems to design, test and optimize control and protection systems. used in power grids, power electronics, motor drives, automotive industry, trains, aircraft and various industries, as well as R&D centers and universities.

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