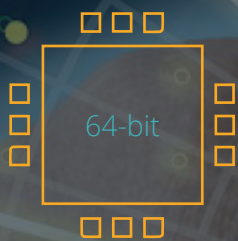


NEW INTERNET-CONNECTED PLATFORM, NEW TECHNOLOGY

Ease-of-use is at the heart of the user experience, with all the key features contained within a single internet-connected design environment. Familiar functions are reassuringly consistent, while novel features are intuitive to reduce learning time – such as a dual touch screen and mouse interface to increase efficiency and productivity.

eCADSTAR is based on the latest hardware, meaning superior system performance and peace of mind for future-proofing your business.



64-bit
computing



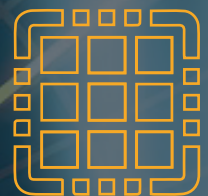
Mouse and touch
screen companion
operation



Powerful
graphics



2D and 3D design
environments



Multi-core
processors

TRULY INTEGRATED DESIGN

Addressing design issues early in the development process is key to reducing design iterations, improving quality and reducing costs. eCADSTAR achieves this by breaking down the boundaries between each design phase, integrating all the tools needed in a single design environment, such as:

- **Seamless 2D/3D design and visualization**

Import and align 3D enclosures and display them directly in your ECAD design environment, with configurable transparency and moveable cutting planes.

- **Design and visualize in both 2D and 3D**

Collaborate with MCAD, verify MCAD tasks during ECAD design through clearance and collision checking/resolving.

- **Native routing engine**

Native interactive and auto-routing with cutting-edge smart route strategy creation.

- **Constraint-driven design with SI/PI analysis**

Meet your electrical performance criteria by setting design constraints.

- **Embedded High-Speed routing**

Advanced HS provides powerful built-in capabilities to address the complex details of critical high-speed layout and routing.

PRODUCT BUNDLES

eCADSTAR is a new, internet-connected PCB design platform integrating all stages of the design flow into a single environment to achieve:



REDUCED DESIGN TIME



REDUCED TOOL LEARNING TIME



IMPROVED OVERALL PRODUCTIVITY AND QUALITY

| | ULTIMATE | ADVANCED 3D | ADVANCED HS | BASE |
|--------------------------------|---|--------------------------------|-----------------------|-------------|
| | Fully-loaded functionality and features | Ease of mechanical integration | High-speed PCB design | Entry-level |
| Library Editor | Included | Included | Included | Included |
| Schematic Editor | Included | Included | Included | Included |
| PCB Editor | Included | Included | Included | Included |
| Rules-by-Area | Included | Included | Included | Included |
| Constraint Browser | Included | Included | Included | Included |
| Report Generator | Included | Included | Included | Included |
| PDF Output | Included | Included | Included | Included |
| Variation | Included | Included | Included | - |
| Topology Editor | Included | - | Included | - |
| Length / delay based routing | Included | - | Included | - |
| Impedance control | Included | - | Included | - |
| Skew constraints | Included | - | Included | - |
| 3D Collision & clearance check | Included | Included | - | - |
| STEP I/O | Included | Included | - | - |
| Migration | Free | Free | Free | Free |
| Gerber Import | Optional | Optional | Optional | Optional |
| Pre-layout SI analysis | Optional | - | Optional | - |
| Physical design SI | Optional | - | Optional | - |
| IBIS-AMI | Optional | - | Optional | - |
| Power Integrity and EMI | Optional | - | Optional | - |
| Autorouter | Optional | Optional | Optional | Optional |
| Design Viewers | Free | Free | Free | Free |