

PCB Analysis with HyperLynx

PCB simulation solutions for high-performance designs

[HyperLynx: Making Analysis More Accessible](#)

[On-demand Web Seminar](#)

HyperLynx is a complete family of analysis tools for high-speed electronic design including electrical design rule checking (DRC/ERC), signal integrity (SI), power integrity (PI) with integrated 2D/2.5D/3D electromagnetic modeling (3D EM). HyperLynx lets you discover and correct problems earlier in your design cycle using advanced simulation techniques to predict how your design will behave. Pre-route design simulation lets you explore alternatives to make informed design decisions, while post-route verification lets you perform detailed sign-off analysis before committing a design to fabrication. Increase your chance of first-pass design success to using HyperLynx to optimize your design's performance and reliability.

HyperLynx is industry-renowned for ease of use, with automated workflows that make sophisticated analysis accessible to designers new to power and signal integrity. HyperLynx is integrated tightly with Mentor's Xpedition and PADS Professional flows and also works with all major PCB layout systems.