

CADNEXUS

Interoperability Solutions for Multi-CAD & CAE Environments

The CAPRI CAD to CAE Interoperability Gateway enables organizations that rely on simulation-driven design to integrate key engineering tools and processes to improve product quality, accelerate time-to-market, and reduce engineering inefficiencies and costs.

CAPRI provides feature-rich, bidirectional, fully-associative integration of multi-vendor CAD systems with best-in-class CAE tools.

CAPRI Features | Customer Benefits

Associative link to CAD. Enables automatic update of simulation preprocessing data. A must-have for analysts who strive for greater productivity.

Drive Design Parameters. Enable analysts to access the parametric design intent in CAD models to perform design space exploration, DOE, and optimization with ease.

Dynamic Bidirectional Exchange. Break traditional barriers between designers and analysts, and communicates design changes faster across engineering teams.

Unified Product Representation. Multi-disciplinary tools can operate on a unified CAPRI representation to streamline CAE interoperability across processes.

Web-Enabled. Removes the constraints of accessing native CAD on high-performance computing platforms. Extend the reach of CAE tools and processes from desktops to a cross-platform, distributed computing environment, for unmatched productivity.

Robust CAD-to-CAE Integration. Comprehensive, out-of-the-box integration for leading CAD vendor platforms. Dramatically reduce the time and effort to build and maintain a collaborative simulation environment.

Unified, Vendor-Neutral Platform. Solves interoperability challenges, lowers IT and long term ownership costs.

