integrate2 – the efficient connection between AutoCAD Electrical and Siemens Teamcenter

Integrate your ECAD design development process – with the centralized management of native design data and the generation of BOMs, fabrication and assembly data.

THE CHALLENGES

The needs for consistent information flows and processes, and to be able to launch innovative and high-quality products, are just some of the challenges companies face when trying to manage the efficient collaboration of design teams across various locations.

Coupled with the new challenges created for businesses by „digital transformation“ and the prevalence of Industry 4.0 and IoT, firms are increasingly searching for a solution to facilitate cross-disciplinary cooperation in their production of complex products.

THE SOLUTION

Developed by XPLM, integrate2 enables an integrated approach to connect your AutoCAD Electrical design workflow to the complete product design ecosystem. This allows cross-discipline collaboration across design teams and combines mechanical, electrical, embedded software and electronic design data on a single platform.

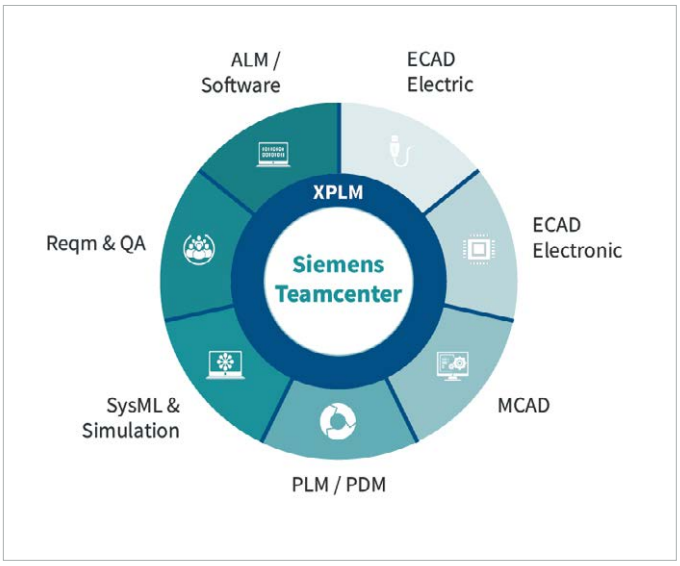
Using integrate2 allows for ECAD design data to be managed more consistently, improving efficiency, agility and process reliability and providing engineers a complete view of their product data. Designers can now access, publish and synchronize information without leaving their familiar AutoCAD Electrical environment. The integrated approach moreover enhances the ability to hit release dates, cost targets, product quality and feature set goals.

MAIN FEATURES

integrate2 manages native AutoCAD Electrical design data and the generated manufacturing data inside PLM by using standardized functionalities:

- Starting new projects with default project templates
- Complete release of projects including automatic creation of fabrication and documentation outputs into PLM
- Automatic population of parameters in drawing frames
- Generation of Bill of Materials including design variants
- Comparison of Bill of Materials during save of the design project
- Check-in and check-out capabilities
- Bidirectional on-demand or batch mode synchronization of library content
- Extensive search capabilities
- Easy linking of data to other PLM objects
- Solid audit trail via status log

XPLM SIEMENS TEAMCENTER INTEGRATION SOLUTIONS



AVAILABLE INTEGRATIONS

ECAD ELECTRIC	ECAD ELECTRONIC	ECAD EDM
AutoCAD Electrical	Altium Designer Standard	Altium Designer Pro
ELCAD	Cadence Allegro	Altium Designer Enterprise*
Engineering Base	Cadence OrCAD	Cadence Allegro EDM
EPLAN	Mentor PADS	Cadence OrCAD EDM
Mentor Capital	Mentor Xpedition	Mentor EDM
SOLIDWORKS Electrical*	Pulsonix	Zuken EDM*
Zuken E3 Series*	Zuken CR 5000/8000*	

*on request

Due to Siemens' licensing conditions, XPLM only offers this integration as a customised project.

XPLM offers cross-domain integration solutions for PLM, MCAD, ECAD, SysML, ERP, Office, Requirements Management and ALM/ software tools.
For more information please contact **marketing@xplm.com**.

KEY BENEFITS

- Save time and eliminate errors through consistency in automated data exchange processes and data model
- Avoid redundancy by using a single integrated platform
- Achieve holistic traceability of your product development processes by incorporating AutoCAD Electrical design data into the business processes
- Make design information accessible to users outside the ECAD world
- Enhance collaboration through simplified multi-site data exchange
- Prevent duplicate data entry in AutoCAD Electrical library & PLM
- Adapt the integration functionalities to your operational processes
- Shorten your search times to access design data more quickly
- Avoid manual processes

SEE ALL SYSTEM REQUIREMENTS HERE

https://www.xplm.com/fileadmin/media/documents/Platformmatrizen/Siemens_Teamcenter.pdf

ABOUT XPLM

XPLM is a globally operating PLM solution provider specializing in integrating applications, processes, data and information for optimum cross-domain collaboration between engineers. With its unique portfolio, XPLM integrates leading PLM, MCAD, ECAD, SysML, ERP, Office, Requirements Management and ALM/software tools.

For more information, visit **www.xplm.com**.

HEADQUARTERS

XPLM Solution GmbH
Altmarkt-Galerie Dresden,
Altmarkt 25
01067 Dresden, Germany
Office: +49 351 82658-0

Mail: marketing@xplm.com

OFFICE USA

XPLM Solution Inc.
1900 West Park Drive, Suite 280D
Westborough, MA 01581

Office: +1 508 753-7500