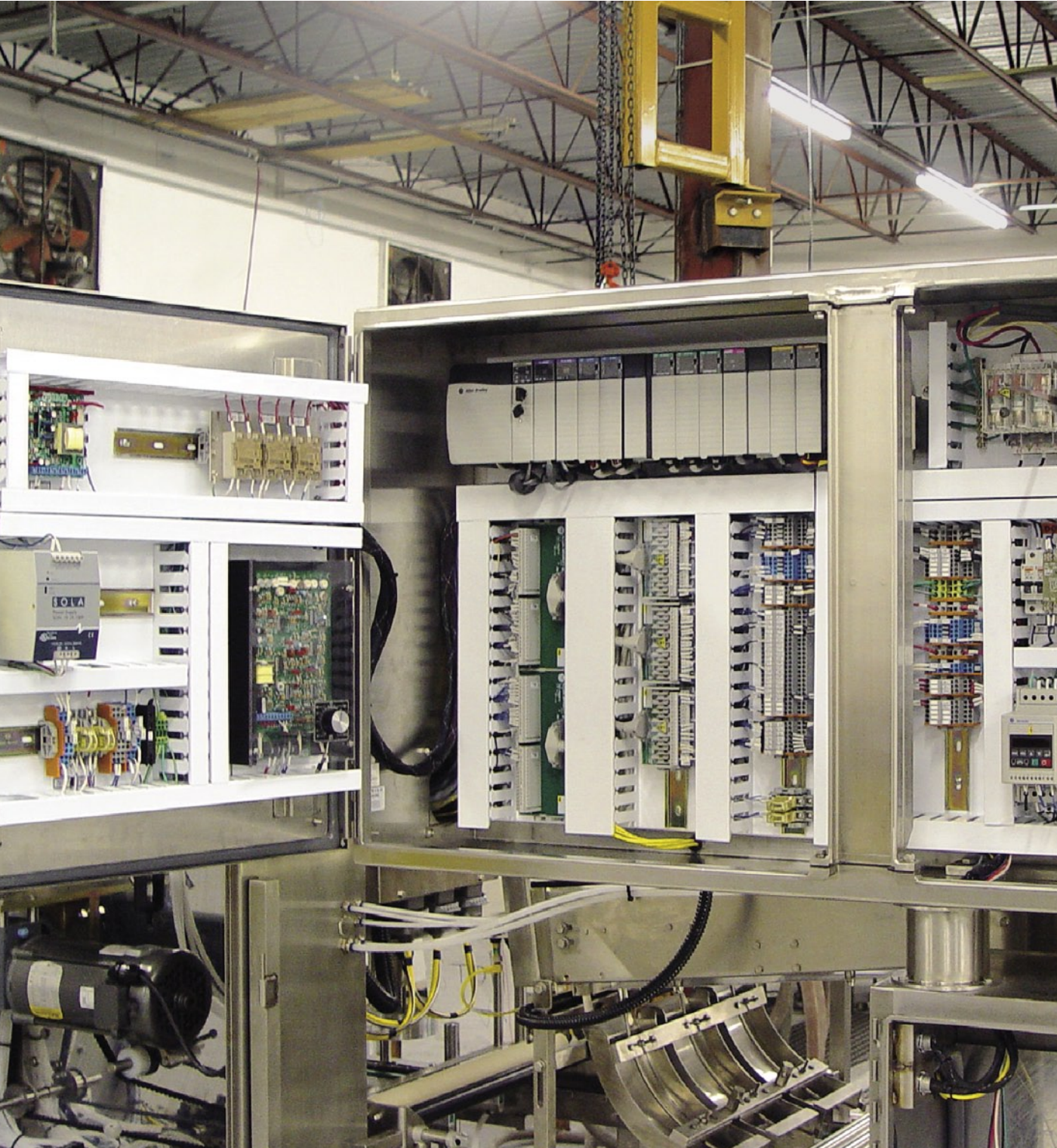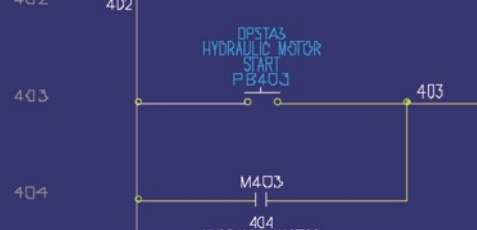AutoCAD®
ELECTRICAL
2007

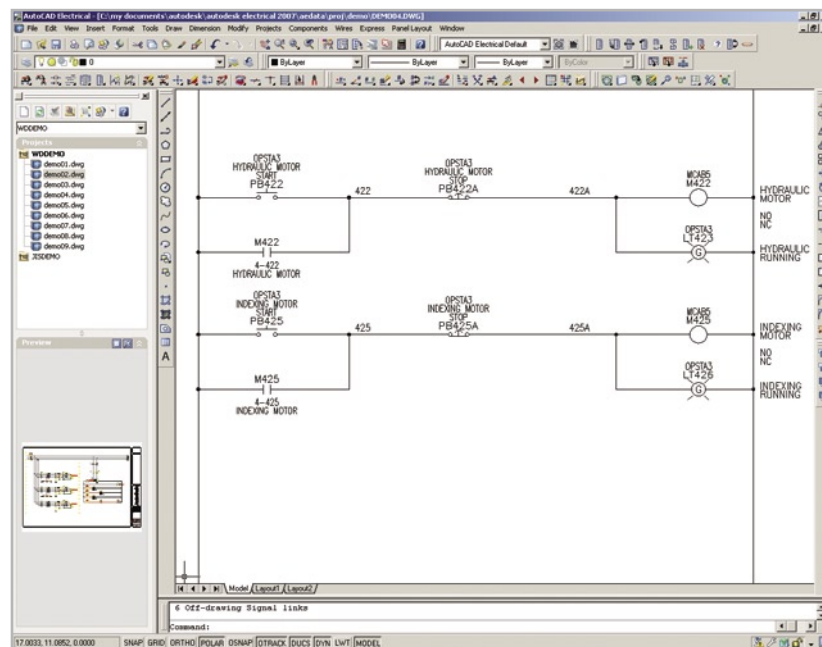# Get wired.

Autodesk®

Facing these issues?

- Creating electrical controls designs with generic software is limiting your productivity.

- Errors reaching the shop floor are causing delivery delays.

- Components are not being ordered because of inaccurate BOMs.

- Manually adding electrical controls information into 2D or 3D mechanical designs is difficult.

- Sharing designs with downstream users is error-prone and difficult.

- Designers are spending too much time manually generating reports.

- Use of design standards is inconsistent.

- Designers are unable to easily find and re-use designs.

Discover why designers are using AutoCAD Electrical.

The AutoCAD Electrical Advantage

If your company designs machines or products that move, electrical controls are probably a key component of the design requirement. Until now, electrical controls designers have relied on generic applications that are problematic because they require the manual layout of electrical schematics, introduce design errors, and provide no simple way to share design information—a combination that ultimately costs your company time and money. Now there's an application that delivers the tools needed to design and modify electrical controls faster and more accurately than ever before: AutoCAD® Electrical software, the leading 2D application built specifically to create and modify electrical controls designs. As part of the AutoCAD® family of software products, AutoCAD Electrical enables users to increase design productivity, reduce errors, automate key control systems design tasks, and facilitate collaboration, all while maintaining a seamless integration with the AutoCAD environment you're familiar with today. Stay ahead of the competition with AutoCAD Electrical—the only logical choice for electrical controls design.
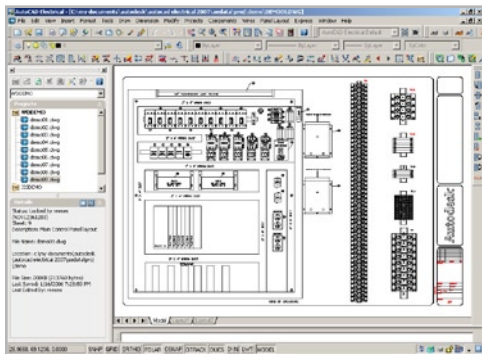

Create Intelligent Electrical Controls Designs
Increase productivity and reduce errors with AutoCAD Electrical—purpose-built to design and modify electrical controls faster and more accurately than ever before.

Increase Your Productivity

When creating electrical controls designs, software not specifically created for electrical design tasks often requires manual workarounds to get the job done. These manual workarounds waste valuable design time and limit productivity. Since AutoCAD Electrical software is purpose-built, it automates many of the manual tasks associated with creating accurate designs, which enables users to spend more time designing and less time on repetitive and nonproductive tasks. And as part of the Autodesk solution for manufacturing design, AutoCAD Electrical enables both electrical and mechanical teams to work collaboratively by making it easy to share the electrical intent from the controls design in AutoCAD Electrical with many other Autodesk® applications.

Create Smart Panel Layout Drawings
Streamline the process of creating panel layout drawings to reduce errors and help ensure that all parts from the schematic are placed.

Reduce Errors and Inconsistencies

As engineers create electrical controls designs using generic tools, errors and design inconsistencies can be easily introduced. Removing these errors from the design process before they reach the shop floor provides a distinct advantage over the competition—it can mean the difference between success and failure of a project. AutoCAD Electrical includes automatic error-checking capabilities that help designers avoid errors in real time and catch problems before the build phase of a project. In addition to reducing errors, AutoCAD Electrical helps companies reduce costs by offering support for local and international standards. AutoCAD Electrical also provides a comprehensive library of manufacturer content, enabling users to produce standards-based designs using a consistent set of manufacturer components. In the end, using AutoCAD Electrical allows companies to reduce costs and stay ahead of the competition.

Automate Reporting Tasks

Once a design is complete, it's time to share the design and its associated information with the teams responsible for ordering parts, building the control panel, and running the wires. Creating critical reports such as parts lists, bills of materials, and from/to wire lists by hand is error-prone and time consuming. When using traditional methods of creating reports, even the smallest design change can lead to critical errors that could result in delivery delays to the customer. To help your company prevent costly delays, AutoCAD Electrical includes robust, automated reporting tools so the design data being shared with downstream users is correct and up-to-date with the latest information. AutoCAD Electrical also includes comprehensive manufacturer content libraries that give users the ability to specify components from a consistent set of manufacturer content, further helping reduce purchasing costs by facilitating volume pricing with vendors for common items.

A Practical Approach to Data Management

Autodesk data management tools help accelerate development cycles and get products to market faster. Autodesk provides a modular approach to robust data management that allows your business to efficiently manage valuable design data in key areas like design reuse, automation of key processes, and collaboration—all without the complications and expense of other solutions. Composed of several powerful Autodesk applications—including Autodesk® Productstream™ software, Autodesk® Vault, the Autodesk Streamline® on-demand collaborative project management solution, and Autodesk® DWF™ technology—Autodesk's approach to data management also includes a worldwide network of services and partners focused on manufacturing to help with training, installation, and integration.

The Autodesk Solution for Manufacturing

Never before have design applications and data management tools come together to simplify the way manufacturers design products and drive them through the manufacturing process. The Autodesk solution for manufacturing comprises a complete, interoperable line of industry-leading software integrated with a worldwide network of services and partners. Gain access to technical expertise for implementation, and utilize training and support programs direct from Autodesk to help use your design and data management software more effectively. Software maintenance programs allow you to stay up-to-date with the latest product releases and upgrades for your software. Designed to be deployed incrementally for minimal business disruption, the Autodesk solution provides the the most effective way to stay ahead of the competition and achieve maximum return on your software investment.

Learn More or Purchase
Create and revise electrical designs faster than ever with AutoCAD Electrical. For more information, visit **www.autodesk.com/autocadelectrical**.

For more information on extending the power of your design technology, visit **www.autodesk.com/subscription**.

For more information on making the most of your software investment, visit **www.autodesk.com/consulting**.

Purchase AutoCAD Electrical software through your Autodesk Authorized Reseller. To locate the reseller nearest you, visit **www.autodesk.com/reseller**.

Autodesk®

XANADU a.s.

Autodesk Authorized Value Added Reseller
Autodesk Training Center

HP Preferred Partner 2006, HP GOLD Partner
HP Service Delivery Partner

IBM Business Partner

Microsoft Certified Partner

Symantec Enterprise Solutions Partner

České Budějovice 370 01
Tylova 17
tel. +420 386 352 966 (..969)
fax. +420 386 352 979
info@xanadu.cz

Praha 10 106 00	**Brno** 602 00	**Pardubice** 530 02	**Ostrava** M.Hory 709 00
Žirovnická 2389	Sportovní 2a/558	Štrossova 291	Fráni Šrámka 5
tel. +420 283 891 154	tel. +420 541 212 077	tel. +420 466 611 773	tel. +420 596 611 060
fax. +420 283 893 154	fax. +420 541 212 621	fax. +420 466 611 613	fax. +420 596 611 061
info@xanadu.cz	**info@xanadu.cz**	**info@xanadu.cz**	**info@xanadu.cz**

info@xanadu.cz

www.xanadu.cz   **www.xanadu.cz/shop**

www.cadforum.cz
www.hpdesignjet.cz
www.iproject.cz