JBoxPro®

Engineering Right the First Time

The JBox Pro® Advantage

To succeed in today's global marketplace, electrical controls designers can no longer afford to rely on generic software applications to get the job done. JBoxPro® offers control engineers a competitive edge by helping save hours of effort, so they can spend more time innovating.

The logical choice for electrical controls design: JBoxPro® software helps controls designers to create and modify electrical control systems layout for an industrial junction box or cabinet. Automated tasks and comprehensive electronic component libraries help to increase productivity, reduce design errors, and provide accurate information to begin the fabrication.

Stay ahead of the competition with JBoxPro® software which offers significant productivity gains by automating many of the complex tasks associated with creating accurate, industry-standard electrical control system junction boxes or cabinets.

Increase productivity and eliminate rework when engineers create electrical control systems layouts using software not specifically built for electrical design tasks, they must often find manual workarounds to get the job done—wasting valuable design time and limiting productivity. Since JBoxPro® software is for controls designers, it contains many features and benefits that help users to dramatically increase design efficiency, while maintaining a smooth integration with the drag and drop user interface JBoxPro® environment.

A recent study shows an up to 95 percent increase in productivity when using JBoxPro® software can help clients get their electrical controls junction boxes fabricated faster and better designed.

JBoxPro® software gives you the tools to design control systems jboxes quickly, accurately, and cost-effectively.
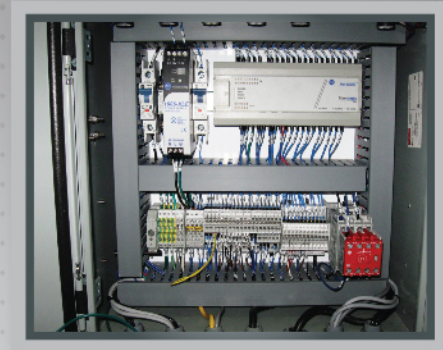
FACING THESE ISSUES

- Creating electrical controls designs with generic software is limiting your productivity.
- Errors are reaching the shop floor and causing delivery delays.
- Components are not being ordered because of inaccurate bills of materials (BOMs).
- Manually adding electrical controls layouts into 2D or 3D mechanical CAD designs is tedious.
- Sharing designs with downstream users is error-prone and difficult.
- Designers are spending too much time manually generating sketches, drawings, and reports.
- Use of design standards is inconsistent.
- Designers are unable to easily find and reuse designs

Top 10 reasons to use JBoxPro®

1. Comprehensive electrical component libraries
2. Automatic wire numbering and component tagging
3. Automatic JBox specification reports
4. Real-time measurement detail checking
5. Real-time space management and allocation of components
6. Panel layout drawings
7. Electrical-specific drafting features
8. Ability to create components spreadsheet and BOM automatically
9. Ability to share layout drawings with customers and suppliers and track their changes
10. Reuse existing layout drawings

Reduce component spacing errors and comply with industry standards. As engineers create electrical controls designs using generic tools, it is easy to introduce errors and design inconsistencies. The ability to virtually eliminate errors before they reach the field can provide a distinct competitive advantage. JBoxPro® includes automatic error checking capabilities that help designers perform real-time detail and specification checks to catch problems before the build phase of a project.

In addition to reducing errors, JBoxPro® helps companies compete in the global marketplace by offering support for regional and international standards. With thousands of components from the industry's most popular vendors—including user configurable components—JBoxPro® provides a comprehensive library of manufacturer content, enabling users to produce consistent, standardsbased designs.

Manage JBoxPro® design data once the design is complete, it is important to share accurate design and part information with fabrication. Creating crucial parts lists, BOMs, and from/to wire lists using software that is not built specifically for these tasks can waste valuable time and resources. JBoxPro® includes robust automated reporting tools so the design data being shared with downstream users is current.

Different workgroups can manage and track all components of a controls jbox prototype with JBoxPro® software—the all-digital way to review, measure, mark up, and track changes to designs—enabling better reuse of critical design data, management of BOMs, and collaboration with other teams and partners. Now is the time to get unparalleled productivity from your controls jbox design process? Now is the time to make the move and use JBoxPro®.

Learn more or chat with specialists who can provide product expertise, a deep understanding of your industry, and value that extends beyond your software purchase. Subscribe to JBoxPro® is the most flexible and cost-effective way to access the latest design, engineering software and services you need to help grow your business. JBoxPro® subscribers get access to the latest releases and product enhancements, flexible licensing rights, and technical support. **Learn more at www.jboxpro.com/subscription.**

*The JBoxPro® Productivity Study compares the time required to complete 10 tasks in both JBoxPro® software and without JBoxPro® software. The conclusion: Using JBoxPro® can help increase your productivity by as much as 95 percent.

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