



Unified design streamlines electronic product development projects

As an engineering manager you need to juggle resources, timelines and costs in order to deliver on time and within budget. A unified design environment allows you to effectively and efficiently manage all design teams and data, and avoid the problems that occur when you have to support multiple disparate electronic design applications.

Bringing the future to your design teams

Electronics is fundamentally changing. As more functionality moves from discrete devices into the programmable realm, the various design processes are converging. The design of the physical platform, the implementation of functionality in programmable devices and the development of software elements in the design are no longer an independent process.

Efficient electronic product development now demands the convergence of board design, programmable logic design and software development. It must also bring together the design management processes that oversee them. To remain competitive, your team requires design tools that allow you to move beyond loose integration and provide a truly unified design flow that promotes design innovation, makes full use of current device technology, accelerates the design process and allows you to bring more intelligent products to market faster.

Unify your electronic design processes

Unlike other design tool vendors that offer loosely-connected point tool solutions, Altium removes the barriers between different design disciplines by effectively unifying what has traditionally been viewed as a separate design flow process. Altium Designer brings together hardware design, software development and programmable device design within a single product environment.

By unifying design your engineering team members can collaborate more effectively with each other, and with everyone else both within and outside the organization, speeding up the overall design cycle. A unified design environment gives your designers the freedom to innovate and to approach electronics design in new ways. This opens up new avenues with which to capitalize on the latest technology developments and devices.

Effectively manage all aspects of a project

From an engineering management perspective, a unified design environment provides a consistent and efficient way to stay on top of project issues across all design disciplines. Altium Designer's 'project-centric' architecture means that you can centrally manage the synchronization of board and FPGA design capture, embedded software development, PCB layout and prototype development and testing.

Within Altium Designer all connected project types are linked, allowing you to ensure and easily check that critical design parameters are in synch across all design teams and areas. You can open all design files – both hardware and software – from within a single design environment, providing a convenient way to check the progress of projects and generate a wide variety of reports that cover all aspects of project status.

Good design data management and integration with back-end systems is critical to successful project management. Altium unifies design data management 'out-of-the-box' and provides the capabilities and versatility to link directly with procurement, manufacturing and product systems without the need for a large capital outlay for custom software development.

The logo for Altium Designer, featuring the word "Altium" in a smaller, blue, sans-serif font above the word "Designer" in a larger, bold, blue, sans-serif font. A small trademark symbol (TM) is located to the right of "Designer".

- Unifies hardware, software and programmable hardware design within a single application
- Is equipped for using the latest design technology
- Has hardware/software co-design and highly developed transitioning tools built in
- Has sophisticated document and design data sharing capabilities and centralized project management
- Is continuously developed and updated with Altium's latest technology
- Has full database library capabilities and is version control ready
- Provides ONE solution to take a design from concept to completion.

Increase productivity and efficiency

At Altium we believe that your most valuable asset is not our design systems – it's the people who use them. And it's your job to get the most value out of the designers, developers and engineers on your team.

We engineer our systems to be easy to learn and use so that your designers become productive quicker. We also make full use of the wealth of computing power available in today's desktop PCs. We believe that making full use of available PC technology is paramount in getting the most from your designers.

Support design innovation

Electronics technology moves fast and your design systems need to keep up. Altium has a long history of anticipating future trends and arming its customers with the tools necessary to embrace them. Indeed, we continually strive to bring best-of-class design systems to your design teams that not only meet your current needs, but are scalable and upgradeable to meet tomorrow's challenges.

With Altium, the electronics design tools that your teams use will always be continually developed to keep them at the forefront of design technology. This provides your engineers with the freedom to innovate and to make best use of new technologies and devices to lower costs, speed development and get your projects finished on time and within budget.

Global support delivered locally

We know our success is ultimately dependant upon your success in using our design systems. That's why we invested extensively in setting up our Global Customer Care Network. In every major electronics region and country of the world, Altium has a team of skilled software and application engineers ready to help you and your design engineers at a local level.

The frontline support staff have access to extensive support systems and product specialists that directly liaise with our R&D teams so that your questions can be dealt with quickly and accurately. When you deploy Altium Designer throughout your design team, you have the security of knowing that the global resources of our organization are just an email or phone call away.

And to help you get the most out of your investment with Altium, we provide a wide range of training options designed to get your engineers up-to-speed and using our design systems in the most productive way as quickly as possible.

Altium – your partner into the future

Choosing an electronic product development system for your team is an important decision. Not only does it need to have the design capabilities to support your current needs, it must be continually developed to allow you to take advantage of new technologies, devices and opportunities as they arise. You need a solution from a company that will actively anticipate your future needs and have the solutions waiting for you as your company moves forward. That

way you won't be caught short by advancements in technologies and methodologies.

Altium and the Altium Designer unified electronic product development system provide that security. It's part of Altium's commitment to every customer we serve. So let us deliver the benefits of that commitment to your designers. Deploy an Altium Designer solution for your engineering team today!



Deploy a single solution

Altium Designer effectively eliminates the need to deploy and maintain multiple design systems from different vendors. With our flexible licensing options you can unify software across all design teams, lowering maintenance costs and simplifying design tool deployment.

- **One application for all design teams**
– eliminates the need to maintain different tools
- **Unified environment**
– supports board-level, software & programmable hardware development within a single application
- **Flexible licensing options** – purchased as stand-alone or floating installs. Perpetual or time based ownership
- **Easily scalable licensing solution** – add more licenses of any type as you need them
- **Single source solution** – deal with one company for support across all design teams
- **Seamless design collaboration** – share data within a unified environment.