

COBALT™

Luc Heiligenstein designed this sports watch using both Ashlar-Vellum drafting and 3D modeling software.

"Ashlar-Vellum products bridge the gap between the artistic aspect and the engineering requirements with everything needed in between."

Read more about Luc's success at www.ashlar.com/success.



Cobalt™: The ultimate product design and development tool.™



Designer **Kevin Quigley** facilitates last minute revisions and client changes with ease using Cobalt for a new line of Victoria & Albert bathtubs.

Cobalt matches professional power with speed and ease of use for flexible 3D modeling. Available for both Macintosh and Windows, Cobalt lets creative people work without worrying about their software. Designers save time and money by moving quickly from conception through completion in the real world of last minute changes. Primarily for designers, engineers and inventors, Cobalt leads the Ashlar-Vellum™ product line with on-demand, dimensionally constrained and equation-driven parametrics

that make creating variations on a design faster and easier than ever before.

The Vellum® magic is addictive—ask any Ashlar-Vellum customer why they use our products and you'll hear about "Vellumness." Across our product line, the unifying element is the magical feel of creative simplicity and efficient power. It anticipates your needs and quietly offers help without distraction or intrusion.



Design to Manufacture

Product designer **Kevin Quigley** uses Cobalt's advanced features for concept design through precision manufacturing for both rapid prototyping and traditional construction methods.

"I always make sure that the parts are modeled with draft—which is easy to do in Cobalt—so that the basic form is manufacturable."

Kevin Quigley, Quigley Design.

Read more at www.ashlar.com/success.

Cobalt 3D Modeling

Speed designs from concept to profit with unmatched flexibility and power:

- On-demand parametrics facilitate design variations and product families.
- Full associativity and Design Explorer™ history tracking speed design revisions, updating models and drawing sheets.
- Class-A NURBS surfaces, ACIS solids and intuitive wireframe are in one seamless package.
- Non-modal interface lets you switch between modeling techniques and approaches on the fly.
- Classic Vellum 2D/3D product included.
- Professional drafting with true associative dimensioning and basic model analysis speeds manufacturing.
- More than 30 professional translators included FREE.

Get the complete list of Cobalt's exceptional features at www.ashlar.com/cobalt.

Explore any shape imaginable and Cobalt brings it to life.

Sketch in 2D and 3D—play with an idea, explore, discover. Only pencil and paper compete. Once you begin working with Vellum products, you'll understand the cult following.

Design any shape imaginable—even the organic forms essential to high-end design. Traditional CAD lacks the flexibility to create truly aesthetic, uniquely beautiful forms. Not so with Ashlar-Vellum products.



Bring real products to life—move beyond conceptual design to analyzing, marketing, manufacturing and sales.

Cobalt's precise 3D data guarantees accurate drawings and compelling marketing images. Generate renderings for sales, training and promotions, export data for fabrication, or send shop drawings to manufacturing.

"I recently visited the Scaled Composites team in Mojave. They told me that they saved 33% of their engineering costs by using our software over that of our competitors."

Robert Bou President Ashlar-Vellum.
Read more at www.ashlar.com/success.

develop product families from one concept. Unlike traditional enterprise-based CAD programs, Cobalt's parametrics are extremely easy to use and available on-demand.

Join the leaders—design innovators share a common tool: Cobalt. From renowned jewelry designers in New York and Paris to athletic equipment companies in the Pacific Northwest, from Apple Computer to Scaled Composites, Cobalt's flexibility frees creative people to focus on design.

Control the workflow—you can manage files even in the real world of multiple systems and users. Cobalt provides seamless data integration and accurate file sharing through our unparalleled set of translators, all included free.

Realize profits sooner—can you afford to wait? Cobalt streamlines the design process from start to finish, saving you time and money.

Propagate product lines—Cobalt alone offers parametric design variations using equations or relationships so you can quickly



See other designers and the products they've created with Cobalt at www.ashlar.com/success.



"Cobalt's ability to show me what a product and its component parts will look like (as well as exactly what their dimensions will be) helps me to completely visualize the product and 'turn it over in my hands.'"

Andy Marshall, guitar amplifier designer for THD Electronics was the innovator of these Yellow Jacket converters which allow different tubes to be used within the same amp.



"Using Cobalt has allowed me to translate my ideas into reality and to share my visions. Being able to model and photo-realistically render sculptural 3D shapes was very valuable in selling my ideas to others."

Mark Gajewski of G Squared designed the luxurious Haven leather arm chair for Inpako.
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