

HIGH-TECH HT BODY 3DEXPERIENCE SOLUTION

*DESIGN AND MANUFACTURE EXCEPTIONAL ELECTRONICS
PRODUCT ENCLOSURES THAT DELIGHT YOUR CUSTOMERS*



DESIGN FOR THE
'FIRST MOMENTS
OF TRUTH'



ARE YOU READY
FOR SUCCESS?
HT body EXPERIENCE
BY DASSAULT SYSTEMES



**GROW REVENUE AND
MARKET SHARE WITH
PRODUCT LOOK AND
FEEL THAT DELIVERS
EXCEPTIONAL FIRST
IMPRESSIONS**

To excel in the fast flowing world of consumer electronics, we must conceive magical, irresistible designs, build high quality products, and get to market first. Fostering this product innovation experience requires an entirely new approach that streamlines collaboration between your customers, your company, designers, and manufacturing. **HT body 3DEXPERIENCE Solution** combines software and services from Dassault Systèmes' 3DEXPERIENCE Platform to enable the collaborative innovation you need to maximize the delight and satisfaction your product delivers from the start.

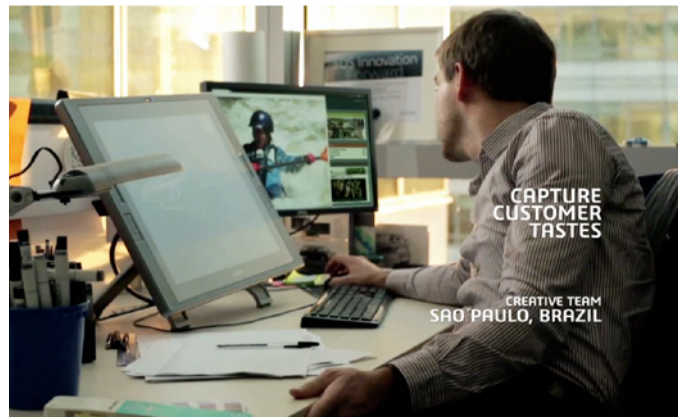
IF WE connect ideas, innovation, and execution excellence, we can help you increase your market leadership.

Design for that “first moment of truth”

Before consumers engage your product electronics, they experience how it looks and feels, and the delight (or displeasure) it generates. If you make this “first moment of truth” irresistible, it can transform your product into a top-seller. **HT body 3DEXPERIENCE** provides highly integrated design ideation and stakeholder feedback. Quickly sketch out products and let consumers experience them virtually. Designers and customers can share opinions to build enhanced product experiences increasing passion, loyalty, and ultimately product revenue.

Design for manufacturability and quality

With real-time access to design information and bidirectional feedback of critical requirements, manufacturing, quality, and design engineers can concurrently plan products, tools, and processes to minimize start-up and shorten time-to-market. **HT body 3DEXPERIENCE** 3D representations and detailed specifications foster enhanced design-to-engineering collaboration and decision-making. Formal workflows and informal social collaboration securely capture intellectual property and know-how for reuse to shorten future product cycles, reduce development costs, and deliver higher quality products.



Create efficient documentation for better communication

Manufacturing new electronics products requires accurate, up-to-date documentation from multiple internal and external sources. The challenge is to gather, validate, and organize that documentation, especially as changes occur during ramp-up and production. **HT body 3DEXPERIENCE** automatically updates 3D product specifications and other manufacturing data. You can provide real-time change directives and work-arounds to the shop floor, minimizing delays and rework costs.

Optimize production quality and speed

After producing a successful design, smooth transfer between engineering and manufacturing is crucial to ensure fast time-to-market. **HT body 3DEXPERIENCE** helps mechanical engineers optimize integration of body design with electronics and mechatronics, while keeping manufacturing constraints in mind. Monitor shop floor data to ensure risk-free scale-up to volume production; capture best practices; simulate parts molding to reduce flaws, rework, and scrap; and control production costs by optimizing resource allocation among multiple manufacturing runs, while meeting in-house and external quality standards.



Key Benefits

- Increase customer satisfaction and loyalty
- Accelerate new product innovation
- Increase production yield and quality
- Shorten production preparation time
- Reduce manufacturing stoppage and rework