

**LIFE  
SCIENCES**

# **IASO TRANSFORMING THE PATIENT EXPERIENCE**



# PATIENT EXPERIENCE IS THE NEW FRONTIER IN DRUG DEVELOPMENT

The Life Sciences industry faces the challenges of addressing ever-increasing patient expectations and lowering costs while still providing consistent product quality and performance. The renewed focus on Patient Experience is forcing an industry shift to biologics and combination products with the ability to deliver therapeutics to patients in the comfort of their own homes.

IASO, named after the Greek goddess of recovery, is a Life Sciences showcase for the lifecycle of a combination product in oncology, from upstream thinking to commercialization in order to demonstrate the core value of Dassault Systèmes' **3DEXPERIENCE®** platform: modeling & simulation, with end-to-end digital continuity and data integrity.



## IASO key features:

- Wearable combination product that allows a point-of-care shift for patients to stay home during treatment
- Reusable injector and cartridge components
- High-tech reusable dosage device
- Continuous monitoring: liquid biopsy and DNA sequencing
- Start/Pause controls





## IASO STORY

### COLLABORATIVE INNOVATION

Support open innovation from market intelligence to ideas gathering, prototyping & validation

### THERAPEUTICS DESIGN & DEVELOPMENT

Accelerate biologics drug design with unified predictive science and experimental results

### DEVICE DESIGN & MANUFACTURING

Transform device design and development with 3D design & simulation

### MANUFACTURING EXCELLENCE

Re-imagine engineering, operations, and planning for manufacturing excellence

### ENTERPRISE OPERATIONAL EXCELLENCE

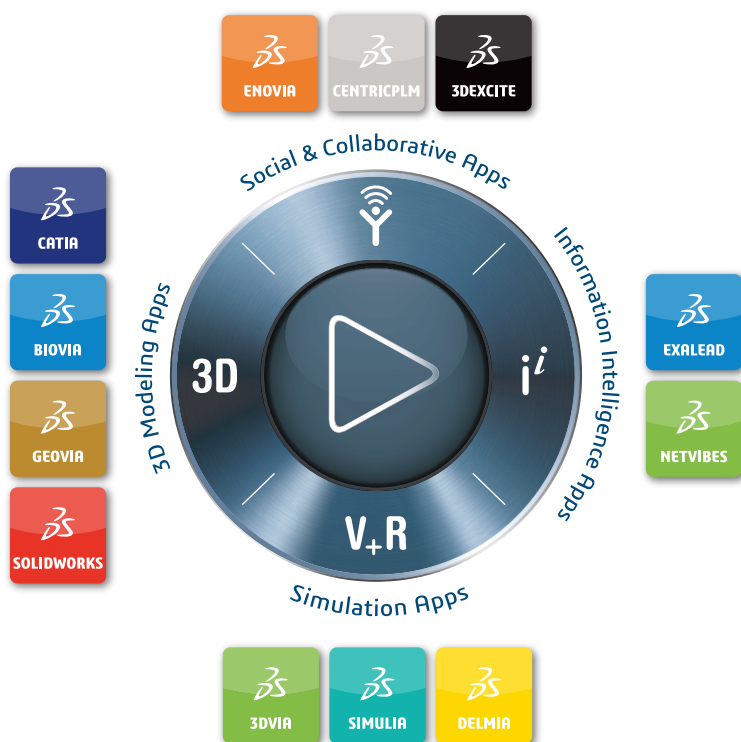
Expedite product innovation, regulatory and quality management with a true 360° view

#### **Benefits of using the 3DEXPERIENCE platform:**

- Accelerate the pace of innovation
- Increase the probability of success
- Ensure product design complies with regulatory and industry standards
- Reduce the cost of manufacturing
- Improve enterprise productivity

\*This prototype was created by Dassault Systèmes for demonstration purposes only and represents a fictitious product not subject to commercialization





Our **3DEXPERIENCE®** platform powers our brand applications, serving 11 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the **3DEXPERIENCE®** Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 230,000 customers of all sizes in all industries in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).

#### Europe/Middle East/Africa

Dassault Systèmes  
10, rue Marcel Dassault  
CS 40501  
78946 Vélizy-Villacoublay Cedex  
France

#### Asia-Pacific

Dassault Systèmes K.K.  
ThinkPark Tower  
2-1-1 Osaki, Shinagawa-ku,  
Tokyo 141-6020  
Japan

#### Americas

Dassault Systèmes  
175 Wyman Street  
Waltham, Massachusetts  
02451-1223  
USA

**DS DASSAULT SYSTEMES** | The **3DEXPERIENCE®** Company