



3DEXPERIENCE®

ENERGY, PROCESS & UTILITIES **PERFECT PRODUCT** Excellence in formula creation



WHAT IS THE NUMBER ONE DRIVER TO WIN CONSUMER LOYALTY?

A new product launch involves multiple sites and departments, utilizing many tools creating competitive disadvantages in terms of longer development cycles and increased costs and resources. In such projects, business usually suffers from siloed and sequential development processes that lead to multiple rounds of rework and sub-optimal designs, increased communication delays, regulatory compliance issues, or product artwork synchronization/labeling issues.

Winning the loyalty of a consumer and increasing product repurchase depends on delivering trusted and high-quality product performance. Meeting consumer expectations is one of the most significant drivers of usage and repurchase rates of product brands since it provides advocacy among targeted consumers and businesses.

Based on the **3DEXPERIENCE®** platform, **Perfect Product** is part of Dassault Systèmes' solution portfolio for producers of specialty chemicals, coatings, lubricant oils and fuel additives. The key business success drivers addressed are the ability to collaboratively manage formulation creation and development, product cost, regulatory and quality parameters.

- Virtually eliminate product recalls related to formulation noncompliance
- Reduce sourcing costs by up to 30% by driving a “design for cost” sourcing strategy
- Reduce time-to-develop by up to 20% by enabling people, processes, and systems to collaborate through the same business platform
- Reduce research lead times by 66% by linking changing regulation requirements to all formulation development phases

INTRODUCING PERFECT PRODUCT

Monitor raw materials and formulas for Regulatory Compliance

Even in today’s world of market globalization and product success replication, managing regulatory compliance is a highly manual process—collecting status reviews, discovering changes late in the process, and making decisions on the right materials to be used. **Perfect Product** provides a holistic regulatory management solution that constantly evaluates product formulae for material compliance, and alerts the user in real time about any potential regulatory violations prior to formula selection and before significant investments are made. It provides real-time guidance into global, regional, and local regulatory requirements.

Manage strategic information early for Cost Savings

Perfect Product can define and manage multiple product specifications including formulations, raw materials, and processing instructions. This ensures “a single version of the truth” shared across the value chain for product data. As a result, companies can bring products to market faster while maximizing re-use of information and thereby significantly reducing formulation costs. In addition, **Perfect Product** supports master and site recipes development and manages multi-plant cost optimization by leveraging raw materials availability in different plants around the world at low cost.

Connect all stakeholders to significantly Reduce Time-to-Market

In many cases today, marketing, R&D, legal, regulatory, purchasing, and manufacturing teams work in an alternative fashion and do not share the same level of product information. Work is redone due to lack of knowledge sharing. This can cause product launch delay or failure. **Perfect Product** delivers advanced resource planning, flexibility, and templates, enabling companies to easily automate resource planning activities and put in place best practices for various formula project types.

The collaborative project management capabilities help dramatically increase productivity in the creation of new formulae. Real-time information about projects and programs is updated automatically through direct links to tasks, regulatory documents, product deliverables, and marketing requirements.



Fulfill the promise of an excellent Consumer Experience

Packaging encourages consumer purchase and drives product performance expectations. However, delivering promised quality assures consumer loyalty. **Perfect Product** provides R&D organizations of specialty chemicals producers, coating, lubricant oil and fuel additives manufacturers a robust and agile formula design and management solution that governs powerful ingredient level calculations. It also helps efficiently capture claims and issues related to the product. This enables quick decision making for appropriate investigation, reporting assessment, root cause analysis, corrective action, and regulatory reporting.

To find out more about Dassault Systèmes in the Energy, Process & Utilities Industry visit www.3ds.com/energy

Our 3DEXPERIENCE® platform powers our brand applications, serving 12 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 220,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.

