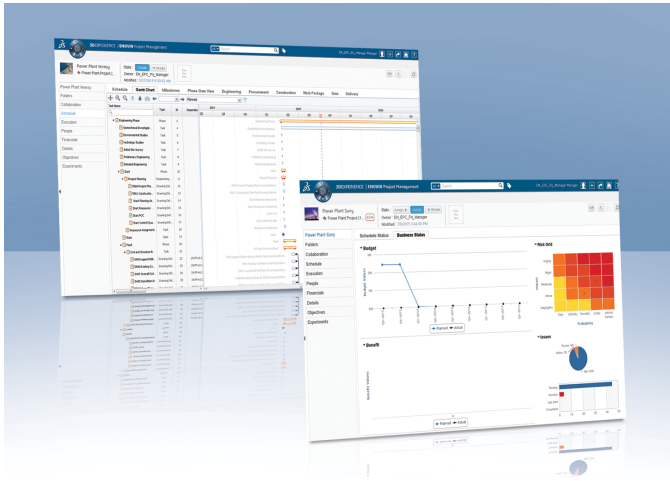


## ENERGY, PROCESS & UTILITIES **OPTIMIZED PROJECT** Part of Optimized Plant Construction



### MANAGE INFORMATION AND DECISION MAKING FOR IMPROVED DELIVERABLES- BASED EXECUTION

How often have you dream of finding a fast track project environment and seamless coordination with internal and external stakeholders to finish a project on time? **Optimized Project**, part of the Dassault Systèmes Optimized Plant Construction Industry Solution Experience powered by the **3DEXPERIENCE®** platform, links all stakeholders to help ensure that a project is on the right track, delivered through the right process, and traceable. Streamlined project management during engineering, procurement, and construction helps create better performance for schedules and costs. Managing information and decision making across requirements, quality, risk, project issues, change, and schedule, **Optimized Project** provides a thorough project lifecycle solution with deliverables-based program execution.

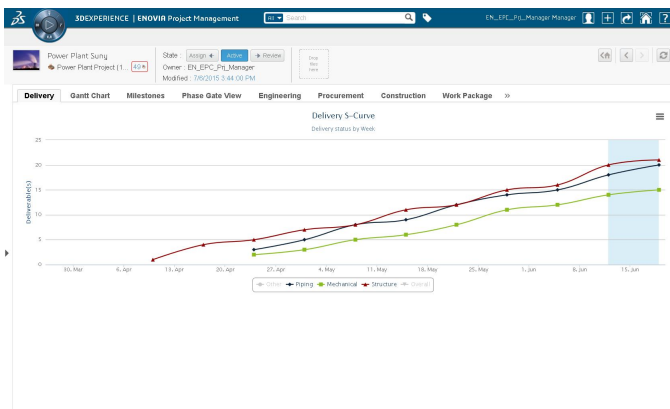
#### Optimize the project schedule across the project lifecycle

Traditional project management uses raw standard durations for high level activities in creating the master plan, leaving detailed scheduling up to the contractors to decide. Unfortunately, lack of consolidation can easily lead to costly and delaying conflicts. **Optimized Project** helps to globally optimize concurrent project schedules and plan faster project execution across all phases of engineering, procurement, construction, and commissioning. A master plan is built by coupling all phases from already detailed standard libraries of activities, quantified from past projects.. For construction, tasks already have an execution plan of weekly activity. The progression computation through its rules of credit sets the standards for completion monitoring.

#### Manage project activity in real-time

Large capital project planning too often can get severely impacted by disruptions, such as a late supplier delivery schedule or “Not Right First Time” execution. In addition to visible time lost through worker inactivity, people productivity is more subtly impacted by the time used for non-value-added activities needed to manage deviations instead of doing actual project work. Time is spent looking for information located in disparate systems that is needed for decision making and then reconnecting execution to master schedules. Actual status and risk reporting takes time to build and then arrives late, reducing the ability to anticipate needed decisions.

**Optimized Project** helps timely decision making that balances Quality, Cost, and Delivery (QCD) to help avoid schedule delays and cost over-run. Delivery performance is obtained by integrating data from the project execution and master schedule management systems. Adding financial information provides cost performance. This cost and delivery integration enables earned value management (EVM). Quality performance results come from extensive information management covering requirement, quality, risk, issue, and change data. Any project status reporting is updated automatically from execution status and is available anytime.



## Leverage corporate knowledge and experience

Information management is not enough without leveraging value from content concerning risk, issues, and change. Quality performance results first from knowledge. Collective intelligence has proven to provide the best results. But it can only come about when collaboration is enabled and stimulated. **Optimized Project** leverages corporate intelligence by providing collaboration spaces for experts, stimulating discovery of innovative solutions. Progress metrics and historical experience from past projects are saved in libraries and referenced in order to not repeat the same mistakes on new projects and to optimize them from start.

## 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 190,000 customers of all sizes in all industries in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).



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

**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