

Intergraph Smart 3D 2011 R1

Intergraph, USA, has released upgrades for SmartPlant 3D, SmartMarine 3D and SmartPlant 3D Materials Handling Edition, collectively known as Smart 3D. All three Smart 3D 2011 R1 solutions are available to customers in the process, power, offshore and marine industries. Customers have additional licensing flexibility to combine any of the three applications with any other Smart 3D license.

The advantages of Smart 3D licensing flexibility include reduced administrative costs, additional features available to the plant market from running the marine product, built-up members, and construction management. By upgrading to the latest release, users will now be able to have access to all functionalities of Intergraph's integrated Smart 3D solutions.

Smart 3D extended its 3D modelling capabilities to address the needs of the offshore design and fabrication industry. Specialised Advanced Plate Systems (APS) quickly and efficiently model complex nodal connections for offshore topsides structure composed of ring plates, continuity plates, base plates, transition plates, cap plates, and more. Complex member end-cuts for welded connections can be applied to the various configurations typical in offshore projects from front-end engineering design through steel cutting.

Smart 3D 2011 R1 further enhances Intergraph's 3D interoperability. Datasets generated from multiple sites can be checked for interferences against one another in a single Smart 3D project. Smart 3D also now offers the ability to create and save intelligent connections to referenced datasets.

[SmartMarine 3D](#) is an offshore and shipbuilding design solution, featuring data-centric, knowledge- and rule-driven engineering technology to improve delivery schedules, with increased detail and manufacturing design productivity of up to 30%.

<https://www.hydro-international.com/content/news/intergraph-smart-3d-2011-r1>
