

Das Wirtschaftsmagazin für Ingenieure

# ECONOMIC ENGINEERING

## digitalPLANT Business + Engineering

### Oerlikon Solar Selects SmartPlant

Oerlikon Solar, the leading supplier of high performance solutions for cost-effective mass production of thin film silicon solar modules, has selected SmartPlant 3D and P&ID engineering design software of Intergraph Corp. based in Huntsville, Alabama (USA), to increase productivity and accelerate plant project completion. With business doubling in just two years, Oerlikon Solar outgrew its previous CAD 2D design software. The company is headquartered in Switzerland, has over 750 employees in 13 locations worldwide and maintains sales and service centers in the USA, Europe and China, Taiwan, Korea, Singapore and Japan.

To meet growth demands, the company chose SmartPlant 3D, the vendor's next-generation, data-centric 3D design system combined with SmartPlant P&ID. Oerlikon Solar will use these tools for end-to-end manufacturing lines for the mass production of thin film silicon solar modules. The end-to-end production lines are complete systems, yet modular and upgradeable in both throughput and process technology.

SmartPlant 3D engineering design software is a highly productive, high quality, multi-discipline 3D modeling environment for global multi-office execution of process and power projects. Customers using SmartPlant 3D typically realize 25- to 35-percent initial increases in productivity compared to other systems, higher quality deliverables and shorter schedules.

"After realizing the limitations of our previous design system, we expect to have measurable improvements in the



Photo: Oerlikon Solar

*Intergraph has acquired Coode Holdings Inc., provider of Caesar II, PV Elite and Tank products, the industry's widely used software for pipe stress, pressure vessel and storage tank analysis, as well as its CADWorx plant design suite. The strategic acquisition of Coode is the vendor's largest in the process, power and marine market. Terms of the deal were not disclosed.*

quality of our designs with SmartPlant 3D and P&ID," said Orlando Derungs, project manager Fab Engineering & Planning for Oerlikon Solar. And Gerhard Sallinger, Intergraph Process, Power and Marine president, added, "We are pleased to welcome Oerlikon Solar as a SmartPlant 3D customer, adding a new dimension to our expanding power industry customer base."

Analyst firm ARC Advisory ranked Intergraph the No. 1 overall engineering design 3D software and process engineering tools (PET) provider worldwide according to its PET Worldwide Outlook Market Analysis and Forecast through 2013.

[www.intergraph.de](http://www.intergraph.de)  
[www.oerlikon.com/solar](http://www.oerlikon.com/solar)