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## **Vistrian, Inc. Announces the Addition of NuvoSun to Our Growing Solar Manufacturing Customers Purchasing Vistrian's FactoryLOOK and VistrianMES Manufacturing Intelligence Software Systems**

**Vistrian's FactoryLOOK Manufacturing Intelligence Solution in conjunction with VistrianMES Provides Visibility, Traceability & Accountability to NuvoSun's Manufacturing Operation**

MILPITAS, Calif.--(BUSINESS WIRE)--Vistrian has recently been selected by NuvoSun to provide its FactoryLOOK and VistrianMES software systems to their manufacturing operations. FactoryLOOK is a Manufacturing Intelligence System used by a number of companies including manufacturers of Solar, Semiconductor, Advanced lighting, Data Storage, Networking, and Electronic assembly. FactoryLOOK allows for the gathering, analyzing and archiving significant amounts of information from throughout the factory including tooling, utilities, testing, metrology, recipe tracking and legacy data systems/ databases. FactoryLOOK allows for the immediate alerting and identifying of process anomalies and the ability to quickly identify factors affecting the development process or manufacturing process and their associated variables thus reducing costs, and reducing the development time of a product.

Along with FactoryLOOK, Vistrian is also providing its integrated VistrianMES software that integrates seamlessly with FactoryLOOK utilizing our unique "Quick Launch" feature. This feature brings a uniquely high degree of usability by all users with all functions accessible with just a few clicks of the mouse. VistrianMES allows for managing the factories materials, workflow, WIP and long-term field correlation.

Vistrian configures all elements of FactoryLOOK and VistrianMES without the need for a 3rd party integrator or internal IT department resources thus significantly reducing implementation cost.

Ronald Allen, Vistrian's co-founder and CEO states, "we are very excited to have been selected by NuvoSun. Vistrian is a company founded and operated by manufacturing executives who have integrated their knowledge and experience into a software system allowing for a true benefit to the user based on our true experience. Our products allow for us to accommodate unique customer needs with our installation base growing Worldwide. The integration of FactoryLOOK and VistrianMES along with our unique "Quick Launch" system will allow our product to be adopted by all users in the organization providing full adoption and visibility to NuvoSun."

Dave Pearce, president and CEO of NuvoSun said that "the team at Vistrian has worked closely with us to implement their system to meet our specific needs and work with us every step of the way. Vistrian's short implementation time has allowed us to bring up our process in record time while being scalable to our future needs. We are confident with Vistrian's software we can run a consistent process at any factory location throughout the world."

FactoryLOOK is used as a tool to integrate all processes and equipment data and to provide access to all users using a web browser. This includes the Facility, Environmental, Tooling, Test Equipment, Flat Files, Legacy systems (MES, ERP) and Operator interfaces. FactoryLOOK's powerful tool set features provide analysis, alerts, dashboards and reports using the integral rules engine in real-time, thus providing the user with timely information to optimize operations and processes. Customers have reported significant improvements in utilization and yields. FactoryLOOK has also found a common application for the monitoring of offshore manufacturing sites and vendors.

FactoryLOOK has proven invaluable with Vistrian's user base both in high volume and pilot production environments as a way to increase yields, reduce process and development time and increase process uptime through significantly increased visibility to

the process and the variables that affect it.

### **About Vistrian ([www.vistrian.com](http://www.vistrian.com))**

Vistrian provides server-based "Manufacturing Intelligence System" products that extract and process data from production tools, operator interfaces, databases and legacy systems. The system then consolidates the information and brings it to your desktop browser, enabling you a real-time "Dashboard" view of your process from anywhere with the ability to drill-down to the acquired data. Customers obtain improvements in process management, process development speed, yield and utilization by use of Vistrian's technology. The systems are scalable and can grow along with the customer organization and operations. Vistrian's products do not require any 3rd party or IT involvement and can be fully utilized after less than 1 hour of training. Vistrian's products are currently employed by companies in their manufacturing operations throughout the world. Additional information regarding Vistrian can be found at [www.vistrian.com](http://www.vistrian.com)

### **About NuvoSun ([www.nuvosun.com](http://www.nuvosun.com))**

NuvoSun is a second generation innovator of thin-film photovoltaic (PV) cells and modules based on flexible Copper Indium/Gallium di- Selenide (CIGS) technology. NuvoSun's mission is to redefine the cost point for PV cells and modules and to become the lowest cost producer of these products by 2012.

This will be achieved by addressing cost across the complete product design and production process:

- High conversion efficiency cell design
- Proprietary high speed roll-to-roll sputtering process on flexible foil
- Low cost materials and high materials utilization
- Redefine capital efficiency for the solar industry
- Focus on high volume high quality manufacturing execution

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