



## **Case Study - Monolithic Power Systems deployed yieldWerx Semiconductor Test and Yield Management Solutions**

Monolithic Power Systems (MPS) a leading fabless manufacturer of high-performance analog and mixed-signal semiconductors headquartered in San Jose, California, has implemented and used yieldWerx Semiconductor Test and Yield Management solutions since September 2010.

Monolithic Power Systems (MPS) required a robust and centralized system for effective storage, analysis, and sharing of testing and product data received from multiple foundries, assembly, and testing facilities in both the US and Asia. MPS also looked for best practices to streamline data management, implement quality control measures, optimize and automate yield management and analysis activities through the implementation of a time-proven system solution.

MPS had a rapid-RFP write-up and invited multiple Semiconductor Yield Data Storage and Analysis vendors for on-site presentations and system evaluations. YieldWerx was selected based on a pre-defined set of criteria, including solution features-fit and technical architecture consideration etc. They were also impressed by our industry insights, adaptive approach for customer needs and overall commitments for system implantation

“When our customers realize that we are building a solution for not only their current needs, but also looking ahead by leveraging our industry experience and best practices, they will particularly appreciate our solution and advices” added Andre Davis, CTO of YieldWerx. “What we always strive for is a shared solution road-map that goes far beyond a traditional system implementation exercise. We have not only the expertise to do so with our deep roots in semiconductor, but also the operational efficiency to do it cost-effectively for our customers,” added Omar Malik, CEO of YielWerx.

### **About Monolithic Power Systems, Inc.**

*Monolithic Power Systems, Inc. (MPS) develops and markets proprietary, advanced analog and mixed-signal semiconductors. The company combines advanced process technology with its highly experienced analog designers to produce high-performance power management integrated circuits (ICs) for DC to DC converters, LED drivers, Cold Cathode Fluorescent Lamp (CCFL) backlight controllers, Class D audio amplifiers, and Linear ICs. MPS products are used extensively in computing and network communications products, LCD monitors and TVs, and a wide variety of consumer and portable electronics products. MPS partners with world-class manufacturing organizations to deliver top quality, ultra-compact, high-performance solutions through the most productive, cost-efficient channels. Founded in 1997 and headquartered in San Jose, California, the company has expanded its global presence with sales offices in Taiwan, China, Korea, Japan, and Europe, which operate under MPS International, Ltd. For more information, visit [www.monolithicpower.com](http://www.monolithicpower.com)*

### **About yieldWerx**

*yieldWerx Semiconductor provides the semiconductor industry with enterprise wide test and engineering data management solutions that increase yield, and reduce time to market. yieldWerx enables Product and Test Engineers to gain better visibility of their test data, which is essential for intelligent decision making, directly impacting yield and profitability. yieldWerx is used by hundreds of users at semiconductor companies across the world to improve productivity, reduce defects, and improve device yields. For more information, visit [www.yieldwerx.com](http://www.yieldwerx.com)*