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**FOR IMMEDIATE RELEASE**

**SEMICON West 2007, Booth # 5570, North Hall**

**Cimetrix Shatters Industry and ISMI EDA Performance Guidelines  
with Next-Generation, Award Winning CIMPortal™ Solution**

*CIMPortal Tops 20,000 parameters Per Second, Double the ISMI Guidelines*

**SALT LAKE CITY, UT- July 16, 2007** - Cimetrix, Inc. (OTC: CMXX), a leading provider of factory automation software and solutions for the global semiconductor and electronics industries announces that its latest release of its award winning CIMPortal solution has shattered industry performance levels and expectations of the Interface A standards developed by Semiconductor Equipment and Materials International (SEMI) in cooperation with International SEMATECH Manufacturing Initiative (ISMI). Cimetrix plans to demonstrate these new milestones at the upcoming SEMICON West 2007 show in San Francisco July 17-19.

Interface A is often referred to as EDA (Equipment Data Acquisition). It consists of SEMI standards E120, E121, E125, E132, E134 and the E147 guideline. Interface A is the key enabler to providing high-quality, well documented data for use by Integrated Device Manufacturers (IDMs) in an effort to improve yields through advanced software applications such as Advanced Process Control (APC).

The prior release of the Cimetrix implementation of Interface A with its award winning CIMPortal solution, exceeded the two performance guidelines from ISMI of 50+ parameters per chamber at 10 Hz and 10,000 parameters per second. However, the company had discussions with several IDMs that will actually require 20,000 parameters per second, doubling the ISMI guidelines. Based on this market feedback, the latest CIMPortal release (1.1) has extensive performance improvements providing a very high speed Interface A implementation of over 20,000 parameters per second.

“Cimetrix believes that a key driver for Interface A is high performance, and our CIMPortal technology continues to demonstrate its leadership” stated Dave Faulkner, executive vice president of sales and marketing. “Equipment suppliers must satisfy the performance needs of all IDMs, and they cannot be put into a position of non-compliance due to performance. Interface A uses XML and SOAP, two technologies that are not known for high speed. We invested 3 beta cycles over 2 years to optimize CIMPortal performance to where it is today. By leading the industry and providing an excellent performance safety factor, CIMPortal provides a safe, reliable solution for the adoption of the Interface A standard.”

**-more-**

## **Interface A Leader Sets New Milestones for Industry, Page 2**

CIMPortal is unique in providing a secure APC data path to existing fab tools that only have the older SECS-GEM data port and to new tools as they hit the fab floor with an embedded EDA data port. CIMPortal also allows the high speed output of data via Interface A or local storage of the data to an industrial database. “Our analysis points out that the IDMs have different strategies in terms of performance and management of data. We have responded to this with the industry’s highest performance solution, several options for delivery and storage, and the formation of the Data Management Solutions Center to assist IDMs with specific implementations,” explained Faulkner.

Cimetrix will be demonstrating Interface A performance and various implementation options at the Cimetrix booth #5570 in North Hall at SEMICON West in San Francisco on July 17-19, 2007.

### **About Cimetrix Incorporated**

Cimetrix is a software company that designs, develops, markets and supports factory automation solutions worldwide. Cimetrix's connectivity software allows equipment manufacturers to quickly implement the SECS/GEM and Interface A standards, with over 10,000 connections shipped worldwide, and provides solutions to meet the 300mm SEMI communications standards, with equipment supplier installations in virtually every 300mm fab worldwide. Cimetrix's PC-based motion control software is used by leading equipment manufacturers for demanding robotic applications. Cimetrix provides total solutions for its customers with engineering services and passionate technical support. Major products include CIMConnect™, CIM300™, CIMPortal™ and CODE™ (Cimetrix Open Development Environment). For more information, please visit [www.cimetrix.com](http://www.cimetrix.com)

### **Safe Harbor Statement**

The matters discussed in this news release include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. The comments made by the Company's senior management in regards to future developments are based on current expectations and involve risks and uncertainties that may adversely affect expected results including but not limited to the adoption by chip makers of the Interface A standards specified by SEMI, an independent industry trade group, market acceptance of the Company's products, the competitive position of the Company and its products, which include CODE, CIMConnect, CIM300 and CIMPortal product families, the economic climate in the markets in which the Company's products are sold, technological improvements, and other risks discussed more fully in filings by the Company with the Securities and Exchange Commission. Many of these factors are beyond the control of the Company. Reference is made to the Company's most recent filings on Forms 10-K and 10-Q, which detail such risk factors.

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