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FOR IMMEDIATE RELEASE**Cimetrix Announces CIMPortal™ TDI Beta Program*****Beta Program Offers Participants Opportunity to Provide Input
on CIMPortal TDI Product Development***

SEMICON West, San Francisco, CA — July 11, 2006 — Cimetrix, Inc. (OTC: CMXX), a leading provider of factory automation software and solutions for the global semiconductor and electronics industries, today announced the start of its CIMPortal TDI Beta Program. Tool Data Interface (TDI) is a specification adopted by certain Integrated Device Manufacturers (IDMs) in Japan that requires equipment suppliers to store historical data locally on the equipment and to provide local software applications to use this data to improve equipment quality. The TDI specification was developed and is supported by Semiconductor Leading Edge Technologies, Inc. (SELETE) and Japan Electronics and Information Technology Industries Association (JEITA).

Cimetrix has a strong presence in the Japanese market through its distributor, CIM, Inc., located in Yokohama, Japan. In cooperation with CIM, as well as several leading Japanese IDM's and equipment suppliers, Cimetrix has been developing its beta TDI product offering for over a year. The formal CIMPortal TDI Beta Program will run from July through September 2006. The Cimetrix TDI product is part of the award-winning CIMPortal product family, designed to support the Semiconductor Equipment and Materials International (SEMI) Interface A standards, in addition to the TDI specification. The CIMPortal Interface A solution was released as version 1.0 in June 2006 after a two-year comprehensive beta program. The CIMPortal TDI solution is built upon proven CIMPortal technology, has already been integrated into an ion implanter and will be installed at one IDM in Japan this July.

According to Dave Faulkner, executive vice president for Cimetrix, "Understanding the details of TDI was a challenging task and we are fortunate to have a good Japanese partner in CIM, as well as good customer relationships, which were critical to enable us to extend our CIMPortal product family to offer a TDI product. Interface A and TDI have unique differences. Interface A focuses on real-time data for IDM-level Equipment Engineering Systems (EES), while TDI is aimed at local storage of historical data. Even though there are substantial differences between these two, we believe that the underlining principles of high quality data collection are the same. We have used this similarity to create an

innovative CIMPortal product family that the equipment supplier can effectively use for both Interface A and TDI. ”

Cimetrix follows a disciplined software development lifecycle process that places a high value on the customer Beta Program. For new technologies, several beta rounds will be implemented to ensure a rich feature set to meet customer needs, as well as a robust, production proven architecture. For product extensions such as CIMPortal TDI, one beta round is typical, as exact customer requirements are gathered to fit the existing CIMPortal architecture. The CIMPortal TDI solution can be seen at the Cimetrix booth (Moscone Center, South Hall, Booth 1841) during SEMICON West.

About Cimetrix Incorporated

Cimetrix designs, develops, markets and supports factory automation software for the global semiconductor and electronics industries. Cimetrix's connectivity software allows equipment manufacturers to quickly implement the SECS/GEM standards, with over 10,000 connections shipped worldwide. It also provides solutions to meet the 300mm SEMI communications standards, with OEM customer installs in all major 300mm fabs, and products designed for the new Interface A standards. 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.

About CIM, Inc.

CIM, Incorporated is the exclusive distributor of Cimetrix products and services in Japan. CIM is based in Yokohama, Japan. CIM focuses on products and engineering services for the semiconductor industry including designing and manufacturing their own chiller system for semiconductor tools. CIM provides pre-sales consulting and customer support for Cimetrix solutions utilizing engineers with many years of experience in the semiconductor industry. Through close cooperation, CIM and Cimetrix ensure the needs of Japanese customers are built into Cimetrix and CIM solutions.

Forward-looking Statement Disclaimer

The matters discussed in this news release include forward-looking statements made by the company's senior management that involve risks and uncertainties. The ability of the company to develop the CIMPortal TDI beta product into a commercial product is dependent on, among other things, the feedback that the company gets from potential customers and the ability of the company to timely respond to the requests and concerns of such customers. In addition, the success of any final product that is developed will depend on the demand for the solutions offered by the product and how they compare with solutions offered by competing products or manufacturers' in-house solutions. The success of the product is also dependent on other risks discussed more fully in filings by the company with the Securities and Exchange Commission. Readers should refer to the company's most recent reports on Forms 10-K and 10-Q for further details regarding the risk factors.

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