



## Teradata Partners with Taiwan Semiconductor Manufacturing Company to Build Enterprise Data Warehouse

September 25, 2003 at 11:32 AM EDT

SEATTLE--(BUSINESS WIRE)--Sept. 25, 2003--

Integration of Data Across the Enterprise Enables TSMC To Make  
Faster, Better Decisions

Taiwan Semiconductor Manufacturing Company (TSMC), the global leading foundry service provider, has announced it will partner with Teradata, a division of NCR Corporation (NYSE:NCR), to build an enterprise data warehouse. With this announcement, TSMC becomes Taiwan's first high-tech manufacturer to implement a data warehousing solution. Phase one of the project has been completed and is in production.

Isabel Sun, data warehouse program manager at TSMC said, "With the completion of phase one, data from different operating systems has been integrated into a single warehouse, which provides us with a single view of the business. With the information from the data warehouse, we are able to make timely and efficient decisions. As a result, operational efficiency is improved and customer relationships can be optimized."

Roger Lin, general manager of Teradata in Taiwan, said, "We are delighted to partner with a world-class company like TSMC. This partnership is a milestone for Teradata in the Taiwan IT manufacturing market. Our enterprise data warehouse solutions will help manufacturers to monitor the manufacturing process from all aspects. They will be able to effectively manage exceptions, ensure the optimization of resource allocations, enhance the satisfaction of customers and improve revenue and profitability."

Phase one of this project spanned seven months. The main task was the development of a data warehouse, which included the design of the warehouse, data integration, loading, extraction and transformation. As the project moves forward, analytical applications will be deployed on top of the warehouse.

### About TSMC

TSMC created the semiconductor dedicated foundry industry when it was founded in 1987. It continues as the market leader by steadily increasing its capital spending and by out performing all other market competitors. TSMC posted annual sales of \$4.7 billion in 2002 and currently employs over 15,000 people worldwide. To serve and support our customer's manufacturing needs, TSMC maintains account service offices in Taiwan, North America, Europe and Japan.

### About Teradata Division

Teradata, a division of NCR Corporation (NYSE:NCR), is the global leader in enterprise data warehousing and enterprise analytic technologies and services. For more information, visit [www.teradata.com](http://www.teradata.com).

### About NCR Corporation

NCR Corporation (NYSE:NCR) is a leading global technology company helping businesses build stronger relationships with their customers. NCR's ATMs, retail systems, Teradata(R) data warehouses and IT services provide Relationship Technology(TM) solutions that maximize the value of customer interactions. Based in Dayton, Ohio, NCR ([www.ncr.com](http://www.ncr.com)) employs approximately 29,500 people worldwide.

NCR and Teradata are trademarks or registered trademarks of NCR Corporation in the United States and other countries.

CONTACT: Teradata, a division of NCR  
Marketing and Public Relations  
Greater China Area  
Jennifer Liu, +886-2-2514-4543  
[jennifer.liu@teradata-ncr.com](mailto:jennifer.liu@teradata-ncr.com)

SOURCE: NCR Corporation