



## News Release

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### New markets

## **Bayer Technology Services and Xytel market microreaction technology**

Flexible and high performance pilot plants for the oil & gas, chemical and pharmaceutical industries

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**Leverkusen, July 29, 2008** – Ehrfeld Mikrotechnik BTS GmbH (EMB), a subsidiary of Bayer Technology Services GmbH, and Xytel Inc. have signed a production and marketing agreement to introduce innovative microreaction technology in pilot plants for the oil & gas, chemical and pharmaceutical industries. Modular microreaction systems by EMB increase the flexibility and performance of pilot plants, which are widely used to open new reaction routes and to reduce energy and raw material consumption.

EMB is one of the leading providers of microreaction technology related services and products. EMB provides micromixer, micro heat exchanger and microreactor units in a variety of materials and for a wide range of flowrates. The EMB systems allow easy disassembly which can be crucial in the initial stages of process development. Furthermore EMB is able to customize on demand. Microreactors inherently allow fast heat and mass transfer which in turn translates to better control, safer operation and shorter residence time.

Xytel is a leading provider of skid mounted packages for the fine chemical and petrochemical industry. Xytel excels in understanding customer needs and customizing their skid mounted units to suit customer requirements.

An integrated system that consists of customized EMB microsystems in a Xytel skid mounted unit has been successfully tested. This system allowed studie in the pilot scale of potentially hazardous chemicals in a controlled and safe manner.

### **About Bayer Technology Services**

Bayer Technology Services GmbH offers fully-integrated solutions along the life cycle of chemical/pharmaceutical plants – from development through engineering and construction to process optimization for existing plants. The Bayer subsidiary employs nearly 2,400 employees worldwide at its headquarters in Leverkusen and other German locations, as well as in regional offices in Baytown, Texas, USA; Antwerp, Belgium; Mexico City, Mexico; Mumbai, India; and Shanghai, People's Republic of China. 2007 sales totaled approximately EUR 400 million.

Additional information about Bayer Technology Services and EMB;  
[www.bayertechnology.com](http://www.bayertechnology.com), [www.ehrfeld.com](http://www.ehrfeld.com).

### **About Xytel**

Xytel Inc. is one of the world's leading providers of modular, and DCS computer-controlled pilot plants. With the experience in planning and construction of pilot plants Xytel supports the modern processes of oil and gas and chemical-pharmaceutical industry.

Xytel Inc. headquarters and workshop are located in Spartanburg, SC, USA. An affiliate of Xytel Inc., Xytel India is the leading pilot plant provider in India and surrounding countries. More information about Xytel Inc. can be found at [www.xytelcorp.com](http://www.xytelcorp.com).

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### **Forward-Looking Statements**

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