



## IZT Press Release 04/2009

Erlangen, April 7<sup>th</sup>, 2009

### IZT introduces location finding software for its IZT R3000 receiver series Uses cost efficient (TDOA) Time-Difference-Of-Arrival methods

Erlangen, Germany, April 7th, 2009: IZT GmbH, a leading provider of digital signal processing equipment for RF signals, announced today the introduction of software for radio location finding for both commercial and military applications using IZT's successful IZT R3000 receiver series. The software resides on a central station and connects multiple IZT R3000 receivers in different remote locations. Comparing their receive signals results in accurate delay measurements which are then used to derive the location of the signal's source. The result is displayed on a map. Efficient algorithms reduce the amount of data that has to be transferred between the central station and the remote receivers, permitting the use of slower wireless connections between the remote receivers and the central station.

"The new software allows our customers to add location finding capabilities to their monitoring stations at significantly lower cost compared to other direction finding systems on the market", said Rainer Perthold, General Manager of IZT. "This TDOA system can provide accurate measurements even in difficult RF environments making use of our IZT R3000 receiver series' excellent large signal performance".

The Innovationszentrum fuer Telekommunikationstechnik GmbH IZT specializes in the most advanced digital signal processing and field programmable gate array (FPGA) designs in combination with high frequency and microwave technology.

The product portfolio includes equipment for signal generation, receivers for signal monitoring and recording, transmitters for digital broadcast, digital radio systems, and channel simulators. IZT offers powerful platforms and customized solutions for high signal bandwidth and real-time signal processing applications. The product and project business is managed from the principal office located in Erlangen/Germany. IZT distributes its products worldwide together with its international strategic partners. The customers are civil companies, governmental agencies and armed forces. The IZT quality management system is ISO 9001:2000 certified. The company website can be found under <http://www.izt-labs.de/>.

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