

# PRESS RELEASE

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## **Spatial Data's VixxiLink Rocks VoIP Industry with Successful 911 Testing**

*Test Results close gaps for VoIP Providers faced with looming Federal Mandate for 911 Functionality*

IRVING, Texas. – November 21, 2005. Vixxi Solutions, majority-owned by Spatial Data Inc., today announced the completion of successful testing of its VoIP 911 service, VixxiLink. Test results prove that Vixxi's underlying technical innovations will allow a nationwide, seamless service for VoIP Service Providers (**VSPs**) in any region where connection to a Selective Router is available, and is immediately available in Qwest's 14 State Region.

"Over the last several weeks, we have been narrowing the gap for VSPs large and small by determining which various technical barriers were proving problematic," said Richard A. Peters, President. "With our concept proven through completion of broad testing parameters, we can now order the necessary components to begin our nationwide roll-out."

"The historical problem faced by VSPs is that they are often unable to properly route emergency calls for their VoIP customers due to the dynamic nature of the interface between *the Internet* and the Public Switched Telephone Network (PSTN)", continued Peters. "Our approach to solving this dilemma for VSPs involves interconnecting each VSP network to the proprietary Vixxi VoIP Positioning Center. This interconnection then provides routing instructions along with all appropriate addressing information for the emergency services call."

The Vixxi Network provides two strategically placed VoIP Positioning Centers to field IP 911 calls placed anywhere in the United States, providing the shortest path between the caller and the correct Public Safety Answering Point (PSAP), call center or other emergency location.

This information is sent to the appropriate Selective Router (ILEC Tandem 911 Switch) through a specific Vixxi Gateway selected by the Vixxi Data Center (based on the caller's location) that converts the data into the required usable format.

The Selective Router uses the information to determine the proper PSAP as the destination for the E911 call. The Vixxi Gateway also sends the necessary address information and callback number in the correct format to the PSAP through the Automatic Location Identification (ALI) and Automatic Number Identification (ANI) databases, both of which are resident in the Vixxi Gateway.

PSAP personnel use the displayed ANI and ALI to know how to respond (i.e., dispatch the police, fire department, ambulance, etc. to the correct location).

Vixxi Solutions is currently completing negotiations with all major local exchange carriers to finalize its roll-out and network footprint.

### **About Spatial Data, Inc.**

Spatial Data's revenue-enhancing spatial applications have been provided to industry-leading companies including Fortune 500 clients since 1988. Spatial Data provides full sales, technical support, application development and training services for MapInfo, ESRI and other GIS software, specializing in enterprise-wide Internet and Intranet development projects. Headquartered in Irving, Texas, you can find Spatial Data on the web at:

<http://www.spatial-data.com>.