City of Radford, Virginia deploys a Proxim Wireless Mesh Network

Proxim’s ORINOCO® Mesh Products are Communications Platform for “Radnet”

San Jose, CA April 19, 2007 – Proxim Wireless Corporation, a global pioneer of end-to-end solutions in Wi-Fi® mesh, WiMAX, WLAN, and wireless backhaul and wholly owned subsidiary of Terabeam, Inc. (NASDAQ: TRBM), today announced that the City of Radford, Virginia with the assistance of Designed Telecommunications, Inc., has deployed hundreds of Proxim Wireless ORINOCO® AP4000 mesh access points as the communications platform for “Radnet,” the wireless network of Radford, Virginia. Situated in the heart of Virginia’s New River Valley in the Blue Ridge Mountain foothills, the City of Radford covers approximately 9.5 square miles and is a diverse city full of commercial and recreational opportunity. Home to Radford University and two of Virginia's former Governors, Radford was recently ranked in the top ten emerging metropolitan areas in the U.S.

“On behalf of the City, D-Tel evaluated a number of mesh products before recommending Proxim. The final choice of Proxim mesh equipment was based on price, performance, functionality, feature set, and reliability,” said Patrick McHugh, VP Operations, Designed Telecommunications. “The Proxim wireless equipment is an important component of the Radnet network and one that will serve the wireless needs of Radford into the future.”

The City of Radford selected Proxim Wireless because, among other reasons, Proxim's Wi-Fi mesh products feature a dual-radio configuration that increases system capacity by allowing one radio to focus on Wi-Fi access and the other radio to perform mesh backhaul duties, and because Proxim’s mesh technology is simplifying deployment through the ORINOCO Mesh Creation Protocol (OMCP), which allows creation of self-forming and self-healing non-line of sight (NLOS) mesh networks.

Today “Radnet” offers up to 3 Megabits per second connections to residents and business customers in two square miles of town centered by the Radford University campus. When the network is completed in 2007, it is expected to connect all homes and businesses within the City.

“We are pleased to be working with an outstanding integrator such as D-Tel and the City of Radford to build a robust municipal network on which the City’s residents and businesses can rely,” said Len Gee, Vice President of Sales, Proxim Wireless. “As their muni network continues to expand, the City of Radford can depend on Proxim Wireless to continue to deliver the right solutions to meet community needs and expectations.”

For more information visit www.radford.va.us/radnet.

More About the Proxim Wireless Outdoor Mesh Product Family

The ORINOCO AP-4000MR family of ruggedized, dual-radio wireless mesh access points deployed to support the City of Radford is based on the world-renowned ORINOCO enterprise-class Wi-Fi platform for metropolitan scale deployments. Proxim has sold more than one million ORINOCO enterprise-class Wi-Fi access points around the world, and the mesh products are an extension of this product family. The dual-radio configuration of the AP4000 allows one radio to provide Wi-Fi (802.11b/g) end user access, while the other radio – in the same compact product enclosure – provides mesh backhaul using a pre-802.11s protocol. By using two radios operating at different frequencies, system capacity is doubled, and interference is significantly reduced.

The ORINOCO Mesh Creation Protocol (OMCP) was added to Proxim’s ORINOCO enterprise-class Wi-Fi access points to allow the creation of self-forming and self-healing non-line of sight (NLOS) mesh networks. Furthermore, the mesh protocol secures links using AES encryption, supports both fixed mesh (all APs mounted statically) or mobile mesh (in-vehicle versions of the mesh AP interacting with APs mounted statically) configurations, and VLAN information is kept intact over mesh links to enable virtual networking. Another advantage is quality of service (QoS) enabling converged but differentiated carriage of voice, video, and data traffic.

About Designed Telecommunications, Inc.

Designed Telecommunications, Inc (D-tel), founded in 1987, is headquartered in Salem, VA. D-tel, is one of the largest and most comprehensive providers of communications equipment and services in the Mid-Atlantic. D-tel’s services include: sales, engineering, project management and installation services that can be scaled to meet current and future communication requirements. Solutions range from landline to wireless networks that provide voice, data and video services. For additional
About Proxim Wireless

Proxim Wireless Corporation is a wholly owned subsidiary of Terabeam, Inc. (NASDAQ: TRBM). Proxim Wireless is a global pioneer in developing and supplying scalable broadband wireless networking systems for service providers, municipalities, governments, and enterprises. The company’s end-to-end wireless products – including Wi-Fi® mesh, WiMAX, MeshMAX™, WLAN, and wireless backhaul – are available through an extensive global channel network, backed by world-class support. Proxim is a Principal Member of the WiMAX Forum and is ISO-9001 certified. Information about Proxim and its products and support can be found at http://www.proxim.com.

Safe Harbor Statement

Statements in this press release that are not statements of historical facts are forward-looking statements that involve risks, uncertainties, and assumptions. Our actual results may differ materially from the results anticipated in these forward-looking statements. The forward-looking statements involve risks and uncertainties that could contribute to such differences including those relating to difficulties or delays in supplying products with the features, performance, compliances, certifications, cost, price, and other characteristics desired by customers. Further information on these and other factors that could affect our actual results is and will be included in filings made by Terabeam from time to time with the Securities and Exchange Commission and in our other public statements.