



PRESS RELEASE

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How We Can Benefit From Broadband & The Latest Wi-Fi Technologies

STMA Co-Sponsors First In Series of Events

Clallam PUD announces its Broadband Learning Series. The first event *How We Can Benefit From Broadband*, features Bernard Daines, CEO, Worldwide Packets, and Tim Zenk, Vice President of Chameleon Technologies, at the new state of the art conference center at **Sequim Presbyterian Church, 950 N. 5th Street in Sequim, Thursday, February 13, 1:00PM**. Guest speakers will address current and future uses of broadband to benefit education, healthcare, business, government and quality of life. Science, Technology & Manufacturing Association (STMA) is co-sponsoring the event <http://www.stmaworks.org>

“As part of our pilot program we will sponsor events to bring community members together to better understand the implications of broadband,” said Fred Mitchell, Telecommunications & Power Resources Manager for Clallam PUD. “This first event is for anyone who wants to understand the basic benefits of broadband for our communities, and the latest wireless (Wi-Fi) technologies. We are pleased that STMA, an organization that has done a lot to advance the understanding of technology on the Olympic Peninsula, is co-sponsoring this event.”

SPEAKERS

Bernard Daines is a dynamic speaker who appears often at industry forums and conferences. He is widely recognized as an expert in Ethernet technology. Daines launched World Wide Packets <<http://www.wwp.com>> in January 2000 to develop solutions for optical broadband connectivity. In 1994 he founded Packet Engines, a Gigabit Ethernet routing switch manufacturer. In 1992, Daines co-founded Grand Junction Networks, a Fast Ethernet switch manufacturer. Daines has been instrumental in the development of the IEEE standards and innovative solutions for Fast Ethernet and Gigabit Ethernet. He is often called upon to provide insight at conferences and industry forums.

Tim Zenk will speak about the latest last mile wireless solutions that Chameleon has implemented for Benton PUD and other clients. He will have examples of equipment and he will demonstrate wireless capabilities. Zenk was formerly Vice President of Marketing for Xypoint and TeleCommunication Systems. Zenk has 18 years experience in corporate communications, marketing, and government relations. <<http://www.chameleontechnology.com>>

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The broadband pilot program will connect public service, business and residential customers to the Clallam PUD fiber optic network. Clallam PUD is also evaluating wireless technologies to enable broadband connectivity to areas beyond the fiber connection. The broadband pilot program encompasses a 20 square block area in Sequim and along Carlsborg Road from Highway 101 north to Idea Place. Through the pilot program Clallam PUD will evaluate the needs of the public, the interest of service providers, and it will adjust elements of the network such as pricing and future hookup areas accordingly.

The Clallam PUD telecommunications network begins at the Happy Valley BPA substation and extends a fully redundant OC-48 fiber ring to Sequim and Port Angeles. Each OC-48 circuit can handle 2.5 Gigabits, or 2.5 billion bits of data per second over two strands of fiber.

Clallam County PUD currently uses telecommunications to transport data, voice and video traffic. This can include teleconferencing and long distance learning. Telecommunications helps Clallam County PUD increase productivity and efficiency. The network also offers the potential for electrical grid management via SCADA (Supervisory Control and Data Acquisition) applications and AMR (Automated Meter Reading).

Since 1944 Clallam PUD has supplied the county with reliable and affordable water and electric services. In 1990 Clallam PUD was authorized to offer sewage system services. In 2002 Clallam PUD added a fourth utility, telecommunications, for its own benefit and public access. Clallam PUD serves 25,000 customers with electric service and has offices in Port Angeles, Sequim, Forks, and Clallam Bay/Seki.

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