



ArrayComm and Sumitomo Electric Collaborate to Supply Advanced Radio Head Technology to the WiMAX Market

Sumitomo Electric's multi-antenna design pre-tested and calibrated for use with ArrayComm's A-MAS™ beamforming and MIMO software

Mar. 19, 2010 - Oak Brook, Illinois, and Osaka, Japan

ArrayComm and Sumitomo Electric Industries, Ltd. (Sumitomo Electric) today announced a collaboration to supply advanced remote radio head technology to the WiMAX market. Sumitomo Electric's multi-antenna system integrates seamlessly with ArrayComm's A-MAS™ multiple-antenna baseband processing software, which combines MIMO, beamforming, and interference cancellation to improve system capacity and throughput, while reducing network cost.

Under this collaboration, Sumitomo Electric's new 4 channel Remote Radio Head (RRH) is pre-configured at shipment for A-MAS compatibility, and includes a built-in calibration transceiver to support A-MAS downlink beamforming. Radio performance has been optimized for use with world-class baseband processing techniques, while maintaining small size, weight, and power consumption.

"Sumitomo Electric has recognized that the mobile network industry is trending towards four antenna base stations to maximize system capacity and economics", said Bruce Duysen, president of ArrayComm. "Base station vendors now have key, off-the-shelf hardware and software to speed time-to-market, while operators benefit from the huge capacity gains from using ArrayComm's A-MAS processing in conjunction with a remote radio head."

"ArrayComm's A-MAS multi-antenna software is best-in-class for enhancing WiMAX communication quality which is crucial for customer satisfaction," said Dr. Hiroshi Hamada, General Manager, Strategic Planning, Network Systems Div. of Sumitomo Electric. "Our A-MAS-ready 4 channel RRH features low power consumption, compact design, and light weight, which are key BTS design factors and supportive of green technology initiatives. This collaboration between our two companies has significant impact on the total cost of ownership for WiMAX networks"

About ArrayComm

ArrayComm is a provider of physical layer solutions for wireless infrastructure and client device applications. ArrayComm is a world leader in Multi-Antenna Signal processing, delivering commercial A-MAS™ software now that combines MIMO, beamforming, and interference cancellation to improve end user experiences and radio network economics through gains in coverage, client data rates, and system capacity. The company's comprehensive and flexible PHY solutions include optimized DSP software and hardware accelerators that save development costs and time-to-market.

About Sumitomo Electric Industries, Ltd.

Sumitomo Electric Industries, Ltd. (TSE: 5802) designs, manufactures and sells optical fiber, cable and components, advanced electronic devices, and automotive parts. Through a successful strategy of research and diversification, Sumitomo Electric has become one of the world's leading companies at the forefront of the revolution in information and communications. Sumitomo Electric's world-class research and manufacturing capabilities in optical technology continue to expand and strengthen the product portfolio while maintaining industry leading levels of reliability. The company has operations around the world in more than 30 countries and employs 150,000 people. Sumitomo Electric reported group net sales of \$23 billion for the year ended March 2009. <http://global-sei.com>

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