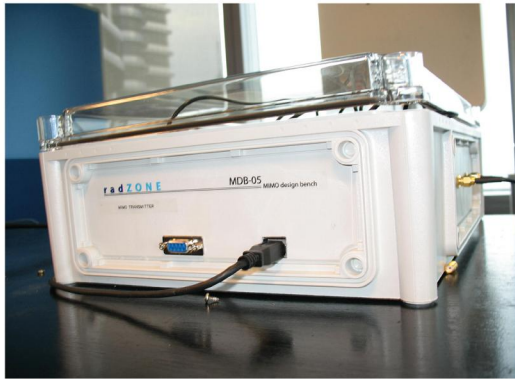




MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) DESIGN BENCH

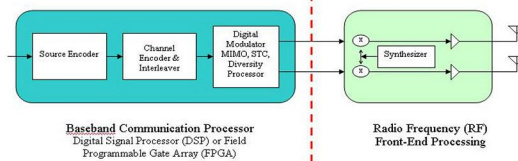


Overview

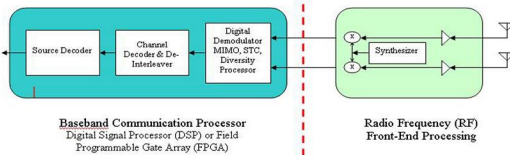
Digital communication using multiple-input-multiple-output (MIMO) wireless link has recently emerged as one of the most significant technical breakthroughs in modern communications. The technology features prominently on the list of recent technical advances with a chance of resolving the bottleneck of traffic capacity in future Internet intensive wireless networks. This technology is presently adopted in the standards driven commercial wireless products and networks such as broadband wireless access system, and wireless local area network.

MIMO design bench is an end to end MIMO system comprising of transmitter and receiver on 2 in 2 out or 4 in 4 out platform. It offers a ready to use hardware and supporting software platform for a researchers to implement the various concepts and see the results real time. This platform saves enormous time and cost for a researcher by offering an all inclusive facility with separate transmitter, receiver and antennas.

MIMO
Transmitter



MIMO
Receiver



MIMO Block Diagram

Contact

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