



Corporate Overview

February, 2005



WIRELESS WITHOUT LIMITS



Who We Are

- **Pioneer and worldwide leader in Multiple Input Multiple Output (MIMO)**
 - ▶ Founded in January 2001 by Wi-Fi and MIMO Pioneers
 - First research paper on MIMO-OFDM published by Dr. Greg Raleigh and Dr. VK Jones in 1996
 - ▶ Headquartered in Palo Alto, California
 - Local offices in Tokyo, Taipei, Amsterdam
 - ▶ \$97 Million Invested by Top-tier VCs (*Accel, Sevin Rosen, Nokia Venture Partners, OVP, Oak*)
 - ▶ 140+ Employees
 - ▶ 26 Patents Pending
- **Airgo sells wireless chipsets, reference designs, and software that have changed what consumers can do with wireless networking**
- **Record 1st quarter bookings for a new Wi-Fi technology**
 - ▶ True MIMO chipsets sold faster than 11b, 11a, and 11g did when they first launched
 - ▶ 1 million chips sold in first 8 weeks; 3 million chips sold to date

Our Mission

Freeing people

to work and play

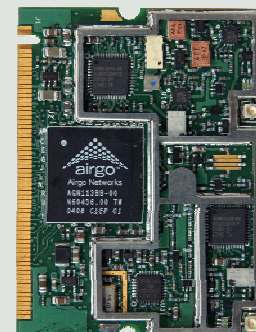
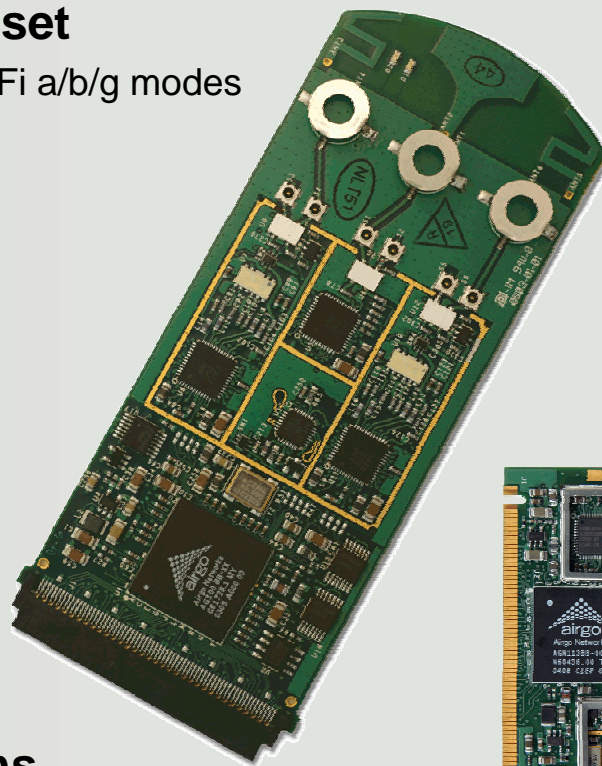
when, where & how they choose



Removing the limits and frustrations of our wireless life

What We Do

- **World's first integrated MIMO-OFDM chipset**
 - ▶ Improved throughput, range, and reliability in all Wi-Fi a/b/g modes
 - ▶ 108 Mbps in a single 20 MHz channel
 - ▶ Interoperable with existing Wi-Fi a/b/g networks
 - ▶ Compliant with global radio regulations
- **Flexible Architecture**
 - ▶ Supports 802.11b/g and 802.11a/b/g designs
 - ▶ Receive Combining and Transmit Diversity provides industry leading throughput at range
 - ▶ Enhances overall performance even when Airgo technology is only on one side of the wireless link
- **Complete set of product reference designs**



What the Press is Saying

TECHNOLOGY ADVICE YOU CAN TRUST

PC WORLD

“Dramatically improves range -- even for 802.11b and 802.11g gear.”



“It blows its predecessors out of the water.”



“... impressed with the speed and range benefits of MIMO technology.”



“Phenomenal performance...the clear throughput vs. range winner in my testing. It's real. It works. And it will simply amaze you.”

Forbes

“Clear, unbroken wireless Internet access over a large area, and fast as all get-out.”

HOME Theater

“Far better than my expectations of any Wi-Fi gear thus far.”

BusinessWeek

“I was able to surf the Web from a laptop across the street and slightly down the block...”



“Six times greater effective throughput than competitive devices tested”

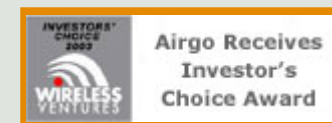
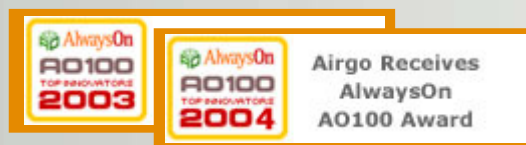
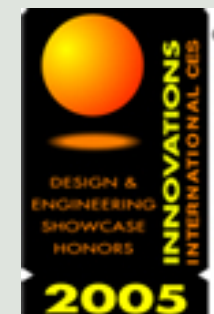
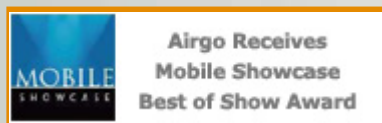
THE WALL STREET JOURNAL.

“I can strongly recommend the Belkin Pre-N wireless router and laptop card” (Walter Mossberg)

Some of Our Awards

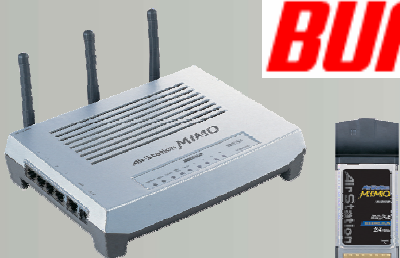


Best in Class Design Team, 2004



Some of Our Customers

インターネット、もっと使いやすく
BUFFALO™



NETGEAR®



LINKSYS®
A Division of Cisco Systems, Inc.



BELKIN®

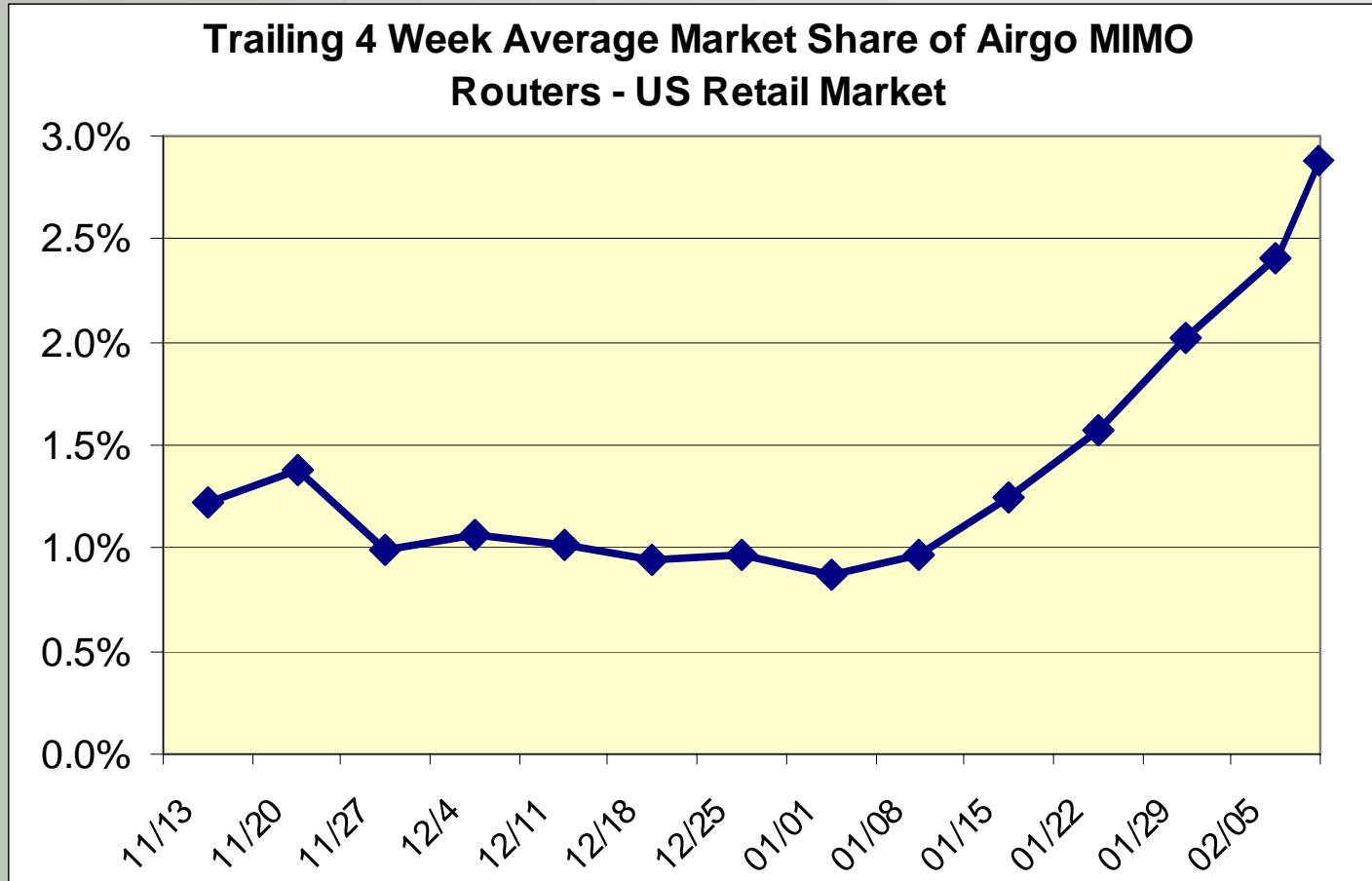


Gemtek

 **ASKEY**®

TAIYO YUDEN

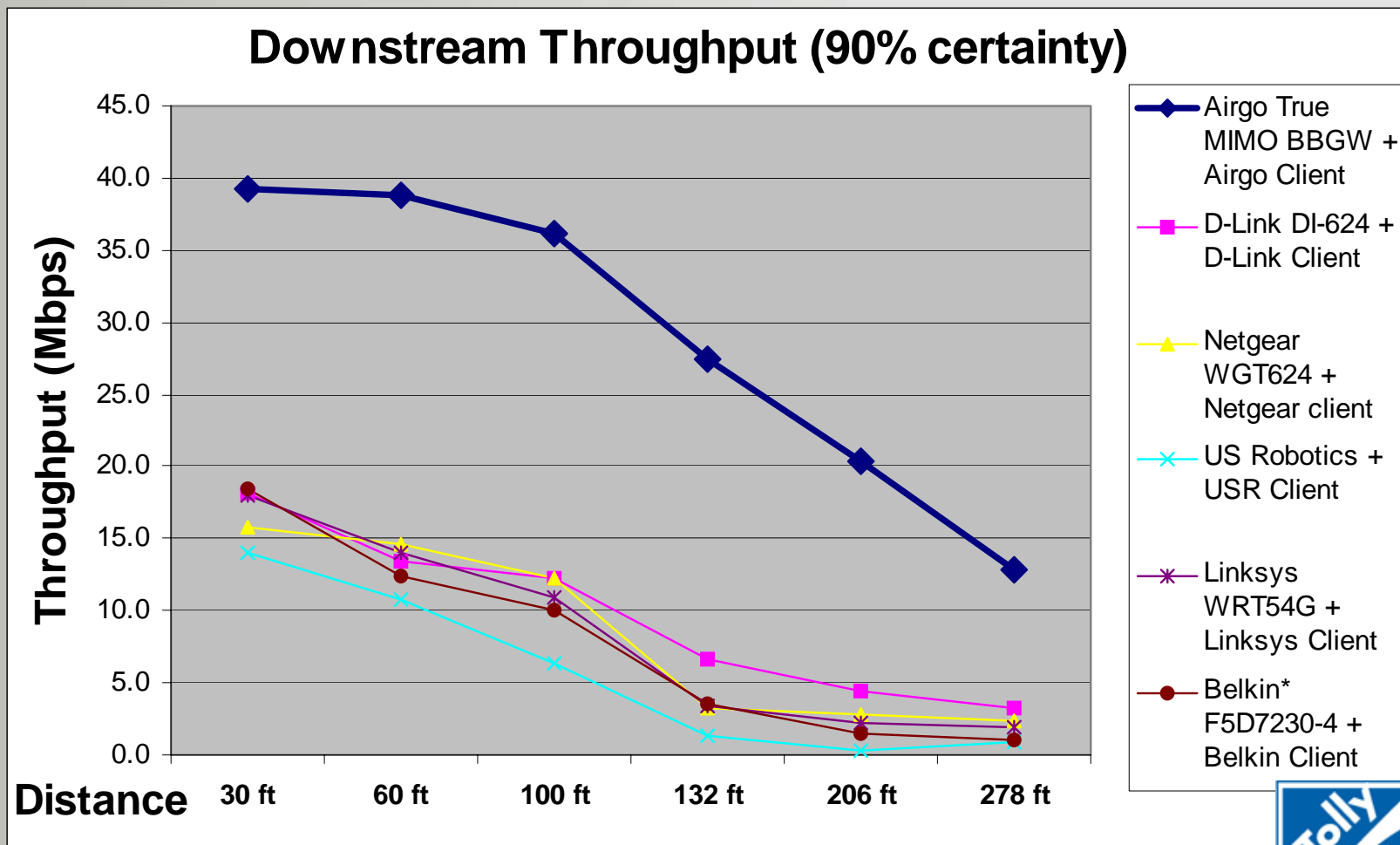
US Retail Market Share of Airgo-based Routers (Trailing 4-Week Average)



Source NPD weekly Sales Panel Retailers POS data
(weekly sales panel represents 70% - 80% of US Retail Volume)

Note: Starting the week of 1/15 the numbers for the Linksys SRX router are added to the Belkin Pre-N Router

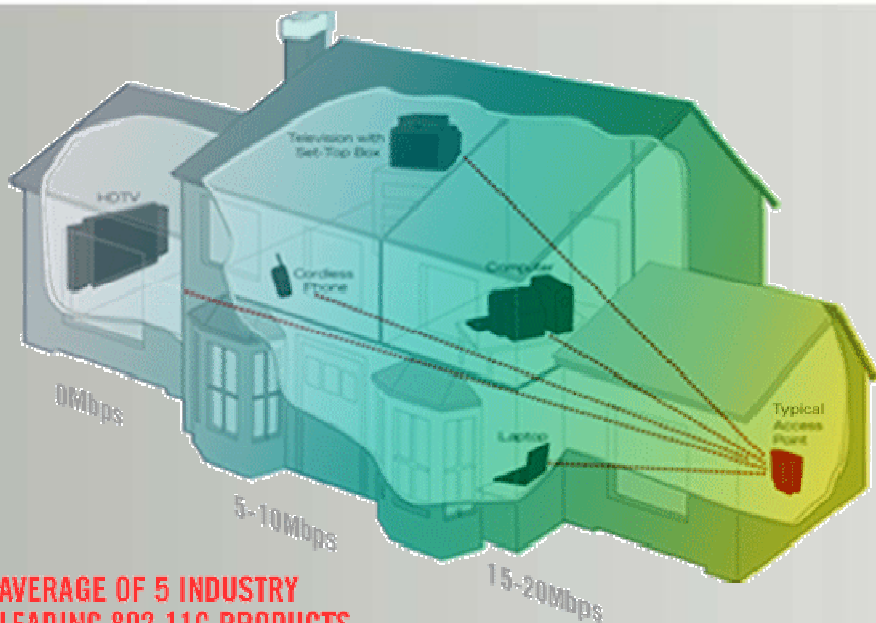
Our Value: Higher Throughput



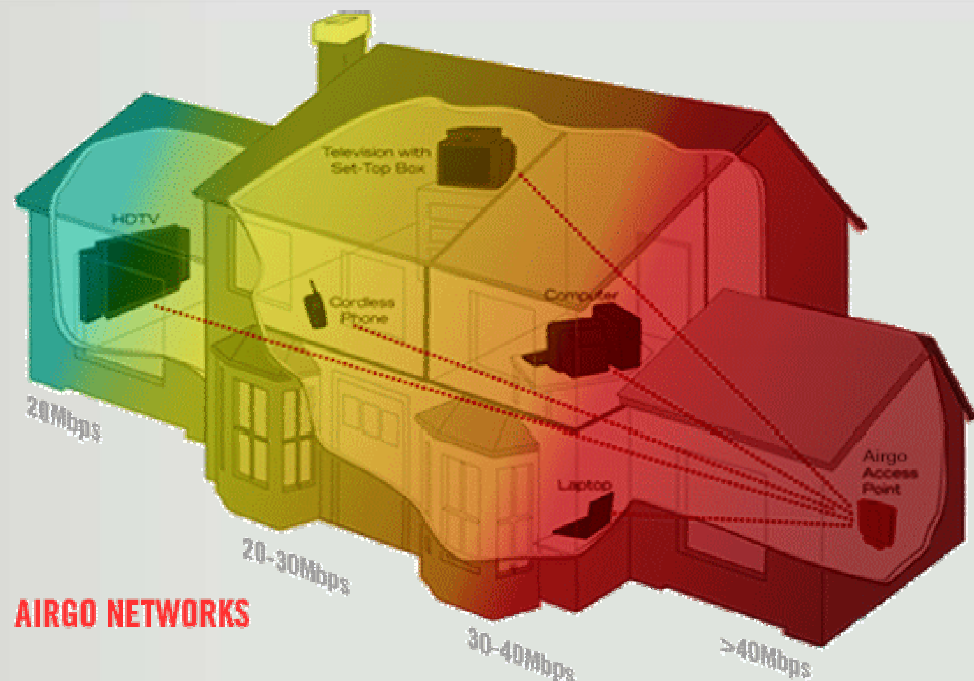
Testing conducted over 4 test-points for a given distance, using turntable testing and the I-Perf tool to record the 90% certainty points for each test location and averaging over the 4 test-points



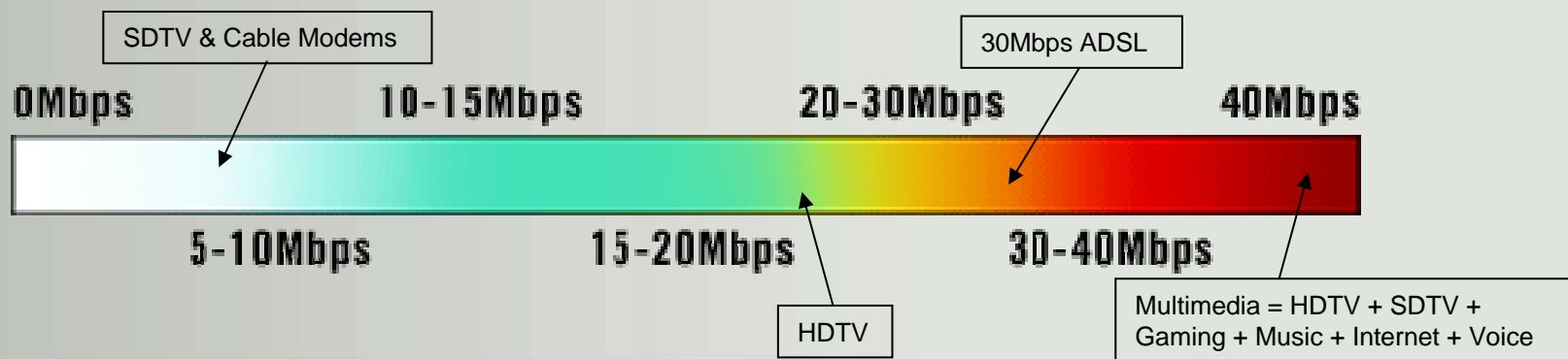
Our Value: Improved Range/Coverage



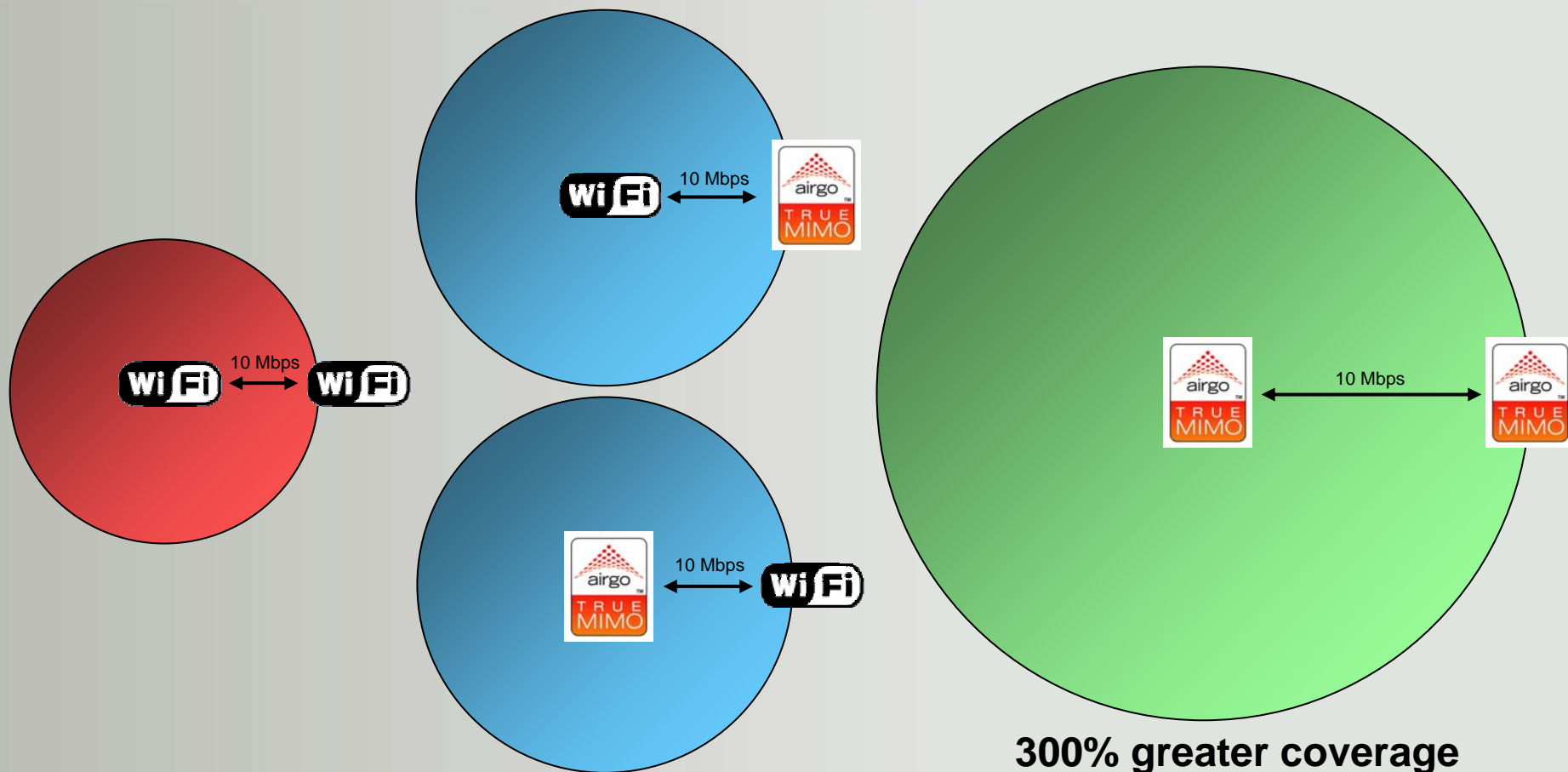
AVERAGE OF 5 INDUSTRY LEADING 802.11G PRODUCTS



AIRGO NETWORKS



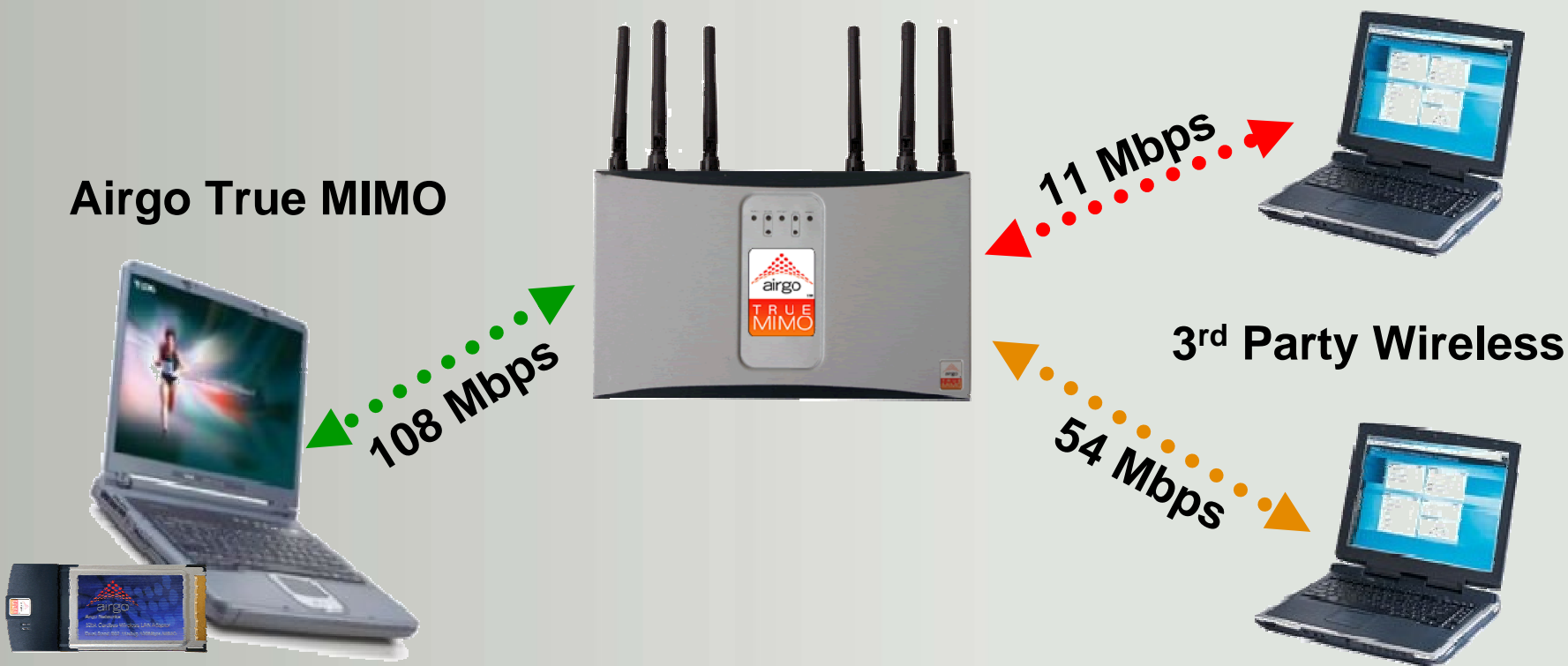
Our Value: Improved Range/Coverage (cont.'d)



Our Value: Better Interoperability & Compatibility

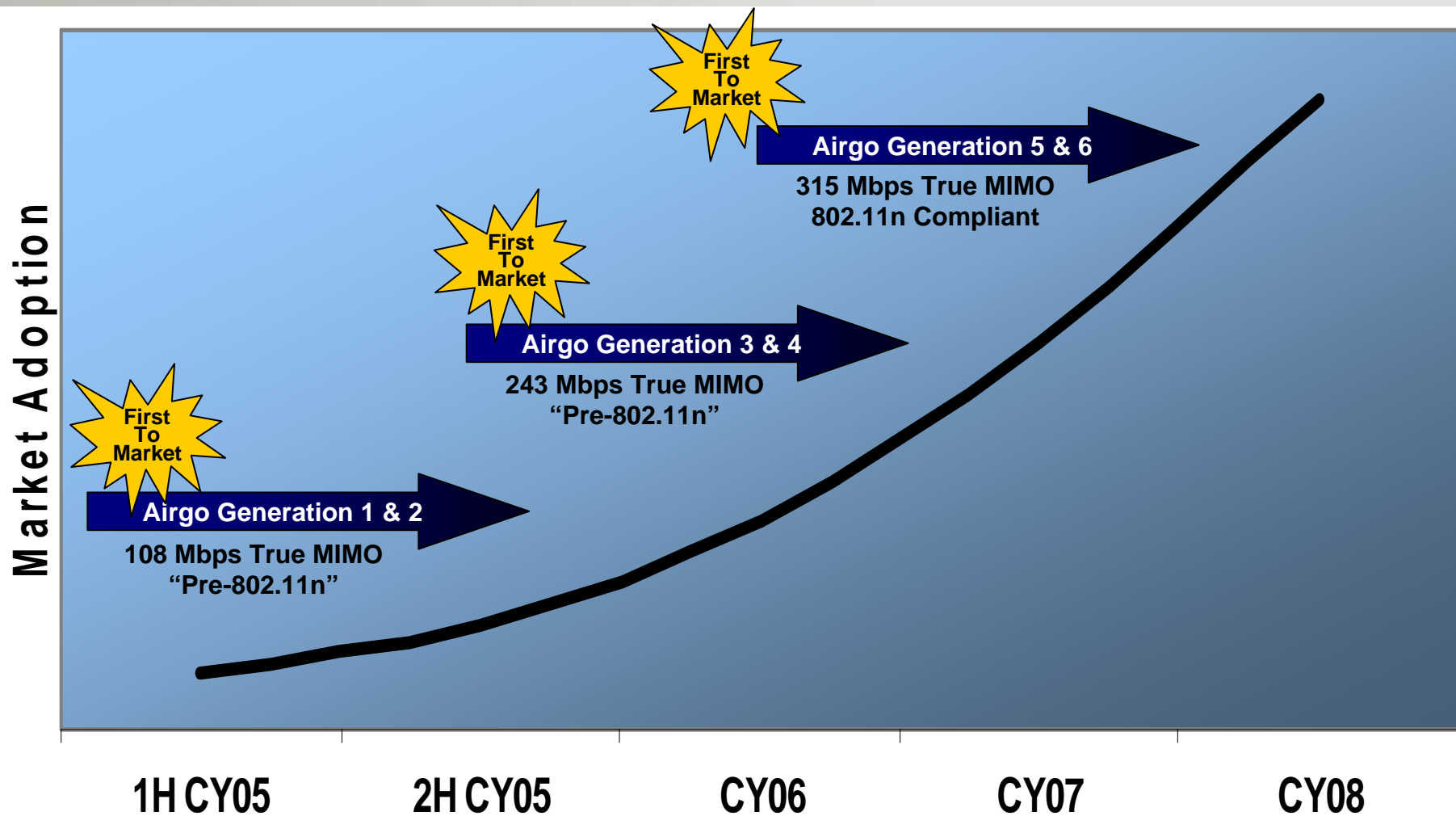
- ▶ WHQL & Wi-Fi Certified for 802.11a/b/g
- ▶ Global regulatory compliance for 108 Mbps in a single 20 MHz channel
- ▶ No “standards plus” performance degradation on adjacent channels
- ▶ 108 Mbps True MIMO and 3rd party 802.11a/b/g on the same network, at the same time

Airgo True MIMO














Our Value: Technology Leadership




Our Value: Competitive Pricing




 **Belkin Pre-N PC Card**
 Lowest price: **\$69.81**
 Manufacturer: **Belkin Components**
 Part number: **F5D8010**
[Read CNET editor's take](#) [View my list](#) [Add to my list](#)

STORE LOCATOR [CHECK LOCAL AVAILABILITY](#)

Sort by: Merchant	CNET Certified	In Stock	Price
 Store Profile Buy Now	★★★★★ Write a store review	Yes	\$101.86 as of 02/22/2005
 <i>The Right Technology. Right Away.</i> Store Profile Buy Now	★★★★★ Write a store review	109	\$94.99 as of 02/22/2005
 Dell Home and Home Office Store Profile Buy Now	★★★★★ Write a store review	See site	\$81.00 as of 02/22/2005
 Free Shipping on purchases of \$25 or more Store Profile Buy Now	★★★★★ Write a store review	Yes	\$99.99 as of 02/22/2005
 <i>IT For The Way You Work</i> Store Profile Buy Now	★★★★★ Write a store review	Yes	\$69.81 as of 02/22/2005
 Your Online Discount SuperStore Store Profile Buy Now	★★★★★ Write a store review	Yes	\$92.08 Great Value + Handling Fee as of 02/22/2005
 Store Profile Buy Now	★★★★★ Write a store review	Yes	\$105.00 as of 02/22/2005
 Store Profile Buy Now	★★★★★ Write a store review	Yes	\$86.00 as of 02/22/2005

 **Belkin Wireless Pre-N router**
 Lowest price: **\$126.61**
 Manufacturer: **Belkin Components**
 Part number: **F5D8230-4**
[Read CNET editor's take](#) [View my list](#) [Add to my list](#)

STORE LOCATOR [CHECK LOCAL AVAILABILITY](#)

Sort by: Merchant	CNET Certified	In Stock	Price
 Store Profile Buy Now	★★★★★ Write a store review	Yes	\$159.00 as of 02/22/2005
 Store Profile Buy Now	★★★★★ Write a store review	Yes	\$131.00 as of 02/22/2005
 Free Shipping on purchases of \$25 or more Store Profile Buy Now	★★★★★ Write a store review	Yes	\$149.99 as of 02/22/2005
 Your Online Discount SuperStore Store Profile Buy Now	★★★★★ Write a store review	Yes	\$138.00 Great Value + Handling Fee as of 02/22/2005
 <i>The Right Technology. Right Away.</i> Store Profile Buy Now	★★★★★ Write a store review	112	\$149.00 as of 02/22/2005
 Dell Home and Home Office Store Profile Buy Now	★★★★★ Write a store review	See site	\$126.61 as of 02/22/2005
 <i>IT For The Way You Work</i> Store Profile Buy Now	★★★★★ Write a store review	Yes	\$141.05 as of 02/22/2005
 Store Profile Buy Now	★★★★★ Write a store review	Yes	\$149.99 as of 02/22/2005



Airgo Advantages

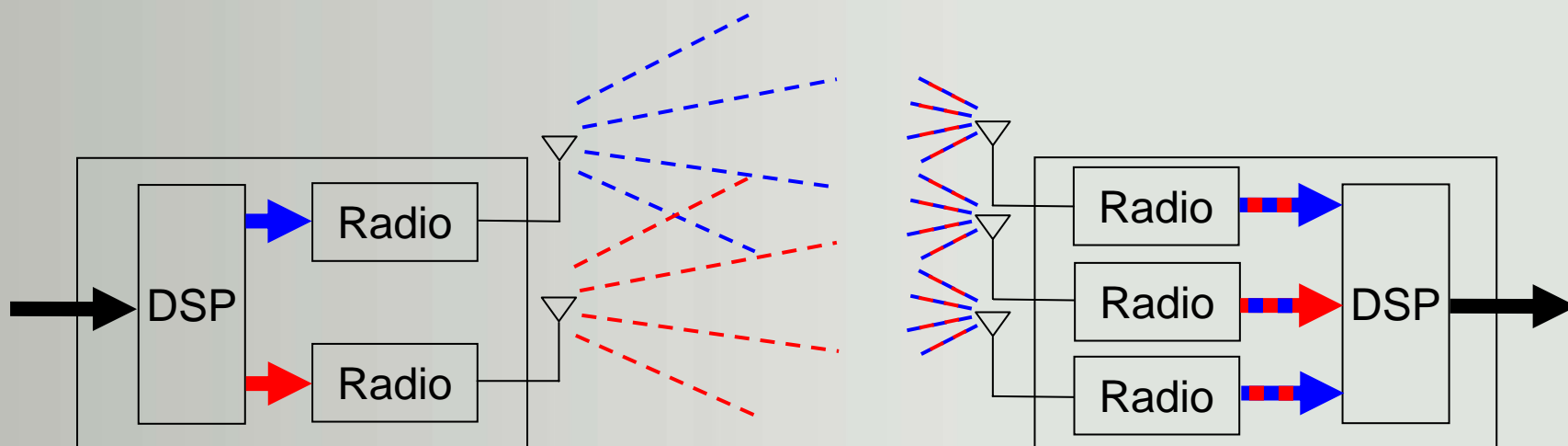
- **Track record of delivering MIMO silicon, reference designs, and software**
 - ▶ Over 3 million chips sold to date
- **Experience with worldwide regulatory certifications for MIMO products**
- **Fully compatible with legacy 802.11a/b/g**
 - ▶ Legacy data rates and True MIMO data rates on the same network, at the same time
 - ▶ No “standards plus” performance degradation
- **True MIMO provides single-ended performance gains**
 - ▶ Receive Combining on 3 antennas provides a minimum of 3-5 dB gain over switched Rx antenna diversity
 - ▶ Transmit diversity on 2 simultaneous radios provides 3-4 dB gain over switched diversity on 1 radio
- **Low power consumption**
 - ▶ Airgo MAC/BB is in .13 μ CMOS -- lower power than competitor's .18 μ CMOS solutions
 - ▶ Airgo RF is in SiGe -- lower power than competitor's CMOS radio solutions



WIRELESS WITHOUT LIMITS



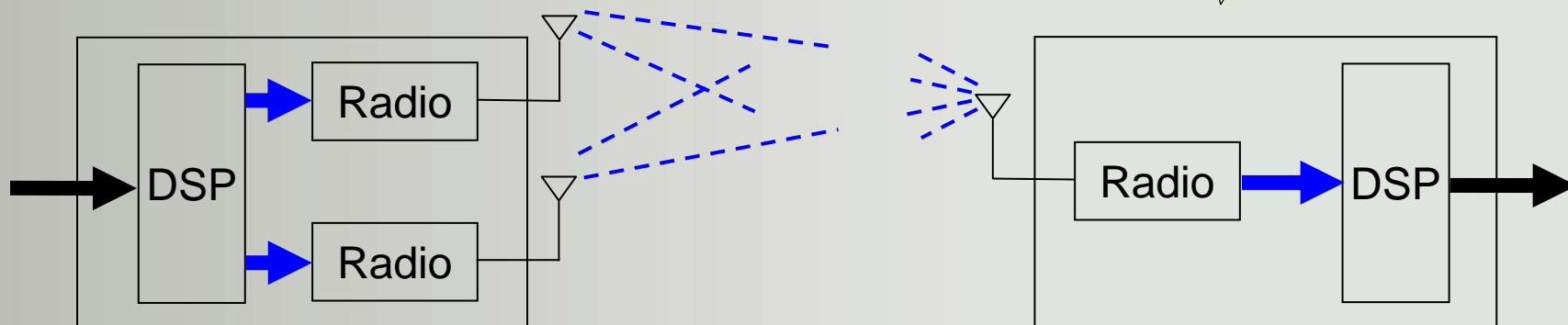
What Is “MIMO” Technology?



- **Two Data Streams Transmitted on the Same Channel at the Same Time**
 - + Significantly Increased Throughput Compared to 802.11a/g
 - + Significantly Increased Range/Coverage Compared to 802.11a/g
 - + Significantly More Reliable User Experience Compared to 802.11a/g
- **MIMO is mandatory in both TgN Sync and WWiSE 802.11n proposals**

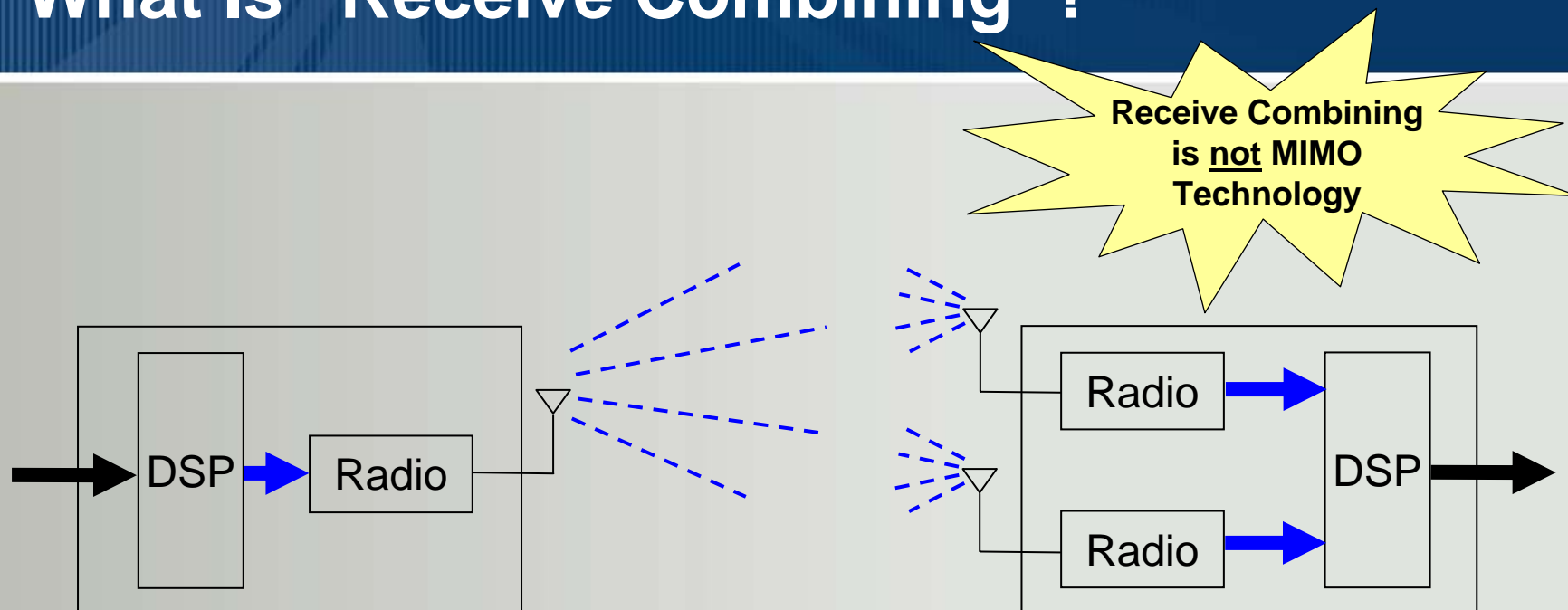
What Is “Beam Forming”?

**Beam Forming
is not MIMO
Technology**



- **One Data Stream Transmitted on Two Radios, but Focused at One Station**
 - No Increased Throughput Compared to 802.11a/g
 - + Slightly Increased Range/Coverage Compared to 802.11a/g
 - Less Reliable User Experience (“hidden nodes” cause packet collisions)
- **Beam Forming is optional in the TgN Sync 802.11n proposal**

What Is “Receive Combining”?



One Data Stream Received by Two Radios

- No Increased Throughput Compared to 802.11a/g
- + Slightly Increased Range/Coverage Compared to 802.11a/g
- + Slightly More Reliable User Experience Compared to 802.11a/g