



ENTER S

About Events Careers Media Contact **Acco**

Wireless Comes in from the Cold

In-Building Wireless Systems

► [email this page](#)

Oyster Bay, NY - May 16, 2005

Contact: Beth Schechner
Contact PR
www.abiresearch.com

Press Rele:
Media Citat
Media: Inte
Vendors: B
Request Cc

The nearly ubiquitous coverage provided by wireless networks today leads users to demand the same level of coverage in an interior environment as they have outdoors. But many wireless signals — notably cellular telephone — can have problems penetrating large buildings. Structures that are particularly dense, multi-story and with underground spaces can be quite difficult. Cellular operators' claims to their services' superior quality must prove true inside as well as out.

Enter "in-building wireless": the interior re-transmission of wireless signals. Typical candidates for IBW include enterprise-level companies, public access buildings and venues, malls, airports and hospitals; but IBW systems exist even for SOHO businesses.

ABI Research will release its 2005 IBW study, "[In-Building Wireless Systems](#)", which examines how building or venue type and size can affect the choice of technology for an in-building wireless solution, and includes a variety of market forecasts for both revenue and deployments.

According to ABI Research director of wireless research Lance Wilson, the IBW market will experience stable and steady growth over the next five years. "It is a topic that's taken very much for granted," he says. "But as wireless in general progresses, IBW automatically has to progress alongside it. That's the same throughout the industrialized world."

That lock-step takes on a new urgency this year, because 2005 may be viewed as "the year of 3G", when data-heavy advanced services first start to have serious consumer impact. Wireless data requires better signal levels and more capacity than voice, which should give further impetus to IBW deployments.

The ABI Research study examines another issue: who pays for IBW? Building owners? Tenants? An in-building wireless network operator? Perhaps multiple cellular service providers? Especially with large multi-use buildings, this question can become very complicated.

Wilson concludes, "IBW is out of the initial phase of getting industry interest, developing technologies and starting deployments. Now it's in a more adult phase of widespread market acceptance."

Founded in 1990 and headquartered in New York, ABI Research maintains global operations supporting annual research programs, intelligence services and market reports in automotive, wireless, semiconductors, broadband, and energy. For information visit www.abiresearch.com, or call +1.516.624.2500.



Schedule an analyst on t

ABI Research Worldwide Headquarters
69 Hamilton Ave
Oyster Bay, NY 11771
USA

ABI Research New York
Suite 205A
501 Seventh Avenue
New York, NY 10018 USA

ABI Research Scottsdale
8655 E. Via De Ventura
Suite G-259
Scottsdale, AZ 85258
USA

ABI Research UK Limited
12 John Street
London
WC1N 2EB
United Kingdom

ABI Research Hong Kong Limited
16th Floor, Cheung Kong
Center
2 Queen's Road
Central Hong Kong

A
S
4
M
C
J

[Newsroom](#) | [WirelessIQ](#) | [Telematics Journal](#) | [E](#)

© 2006 ABI Research. All Rights Reserved.

This document is protected by US and International Copyright Law. No part of this document may be republished or entered into an information storage / retrieval kind without the expressed written permission of ABI Research.