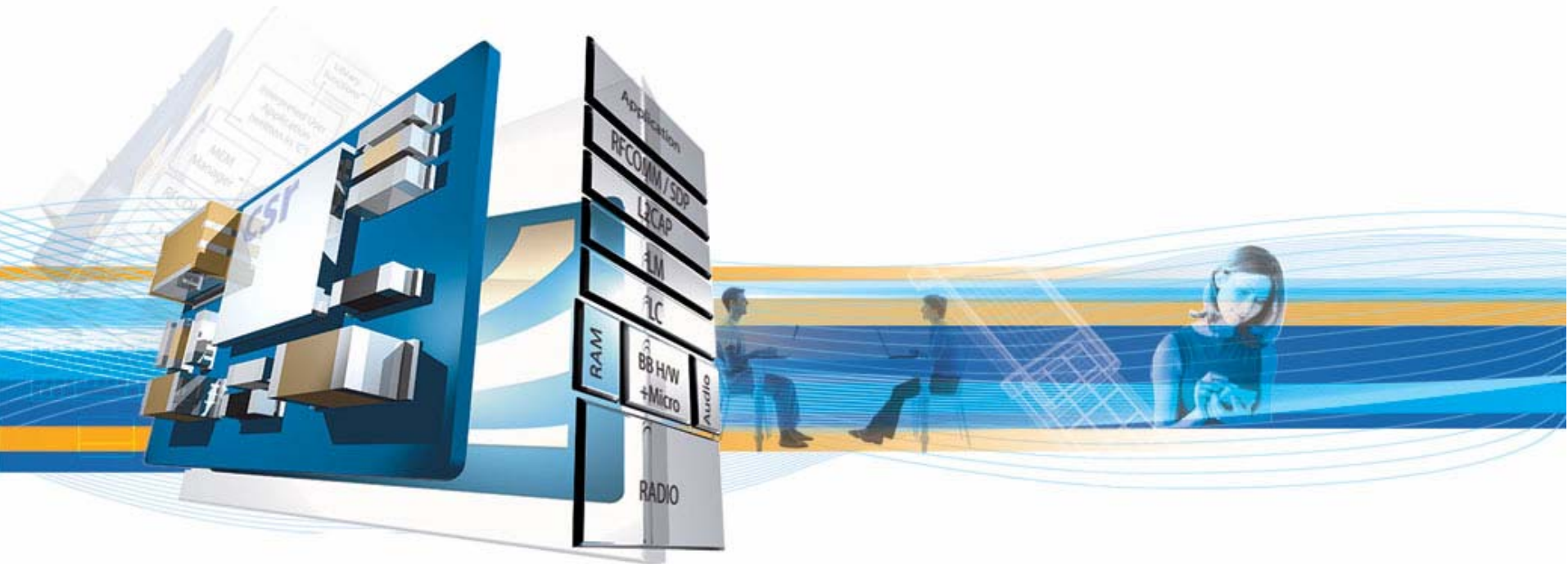




Changing the way the world connects

## Interop 2006

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A decorative banner at the top of the slide features a blue and yellow color scheme. It contains various icons and graphics, including a laptop, a person, a globe, and a server rack, all set against a background of horizontal lines and a grid pattern.

# Wireless USB in the Enterprise

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## A Bluetooth Perspective

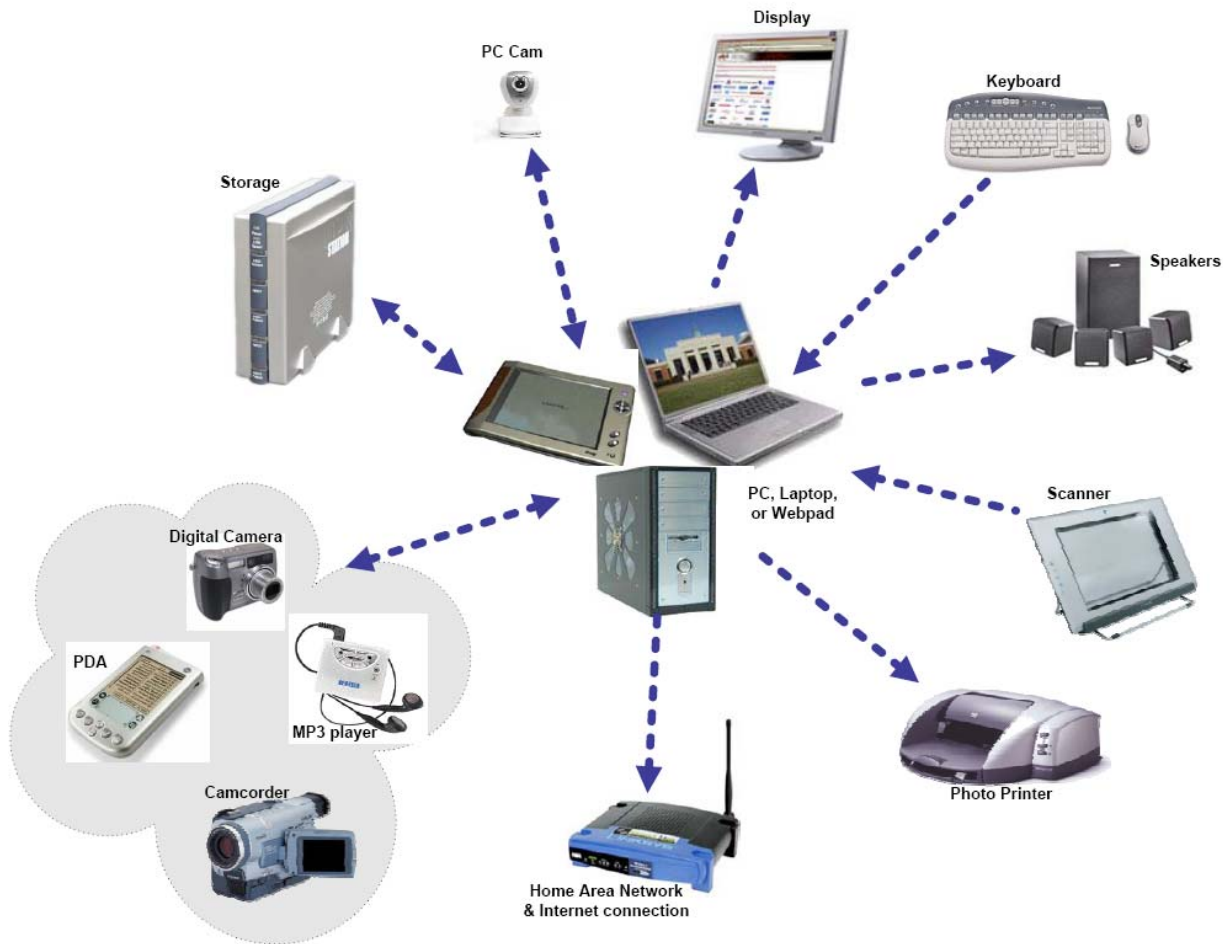
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**Tom Siep**

<date>

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# The PC as the Center of the Universe



# The Other Center of the Universe



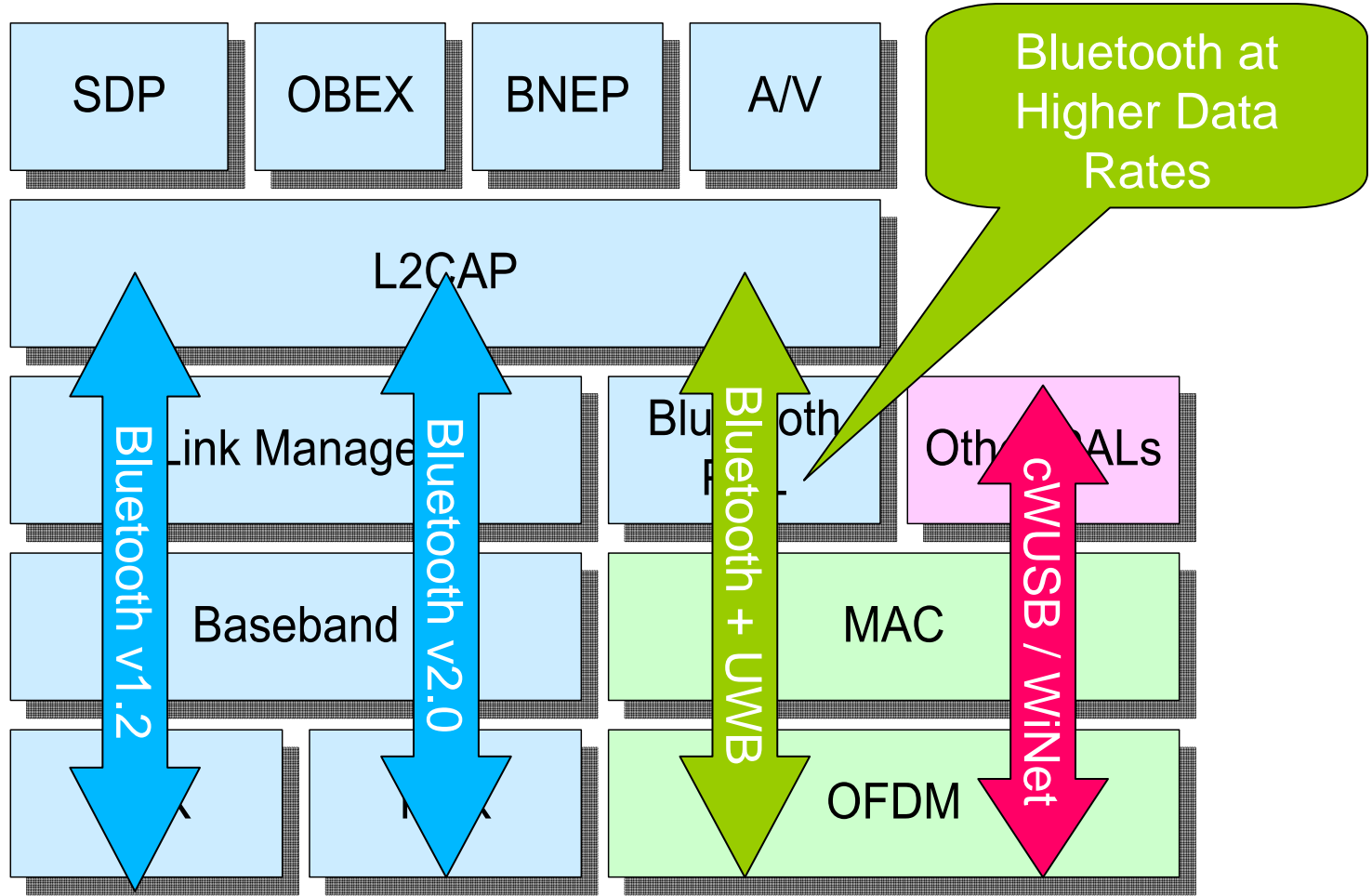
## Bluetooth® technology as the Control Channel for UWB

- Highly mobile devices will be the first entrants into the Enterprise environment
  - IT departments will fight it (again)
  - People will bring them in anyway (again)
  - IT departments will cave in (again)
- Highly mobile devices will need Bluetooth technology to best use UWB

## Why Bluetooth?

- UWB lacks some critical factors
  - Association model
  - Common upper layer stacks
  - Protocol designed for wireless operation
- UWB's power consumption
  - Standby mode of UWB is 10 times more
  - Power per bit for UWB is 10 times less
- Bluetooth solves these issues

# Architecture





# Changing the way the world connects

