



# Voice over IP: Anywhere with an IP Connection

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### What is Voice over IP?

VoIP is really just another data application...

...a very big data application





### The Evolution of VoIP

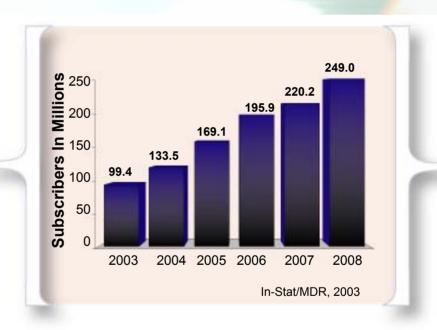
Wi-Fi IP Phones Wi-Fi WAN VoIP gateway/PBX Voice gateway **PSTN MOBILE** Analog phones Wi-Fi **IP Phones** Cellular





#### State of the VoIP Union

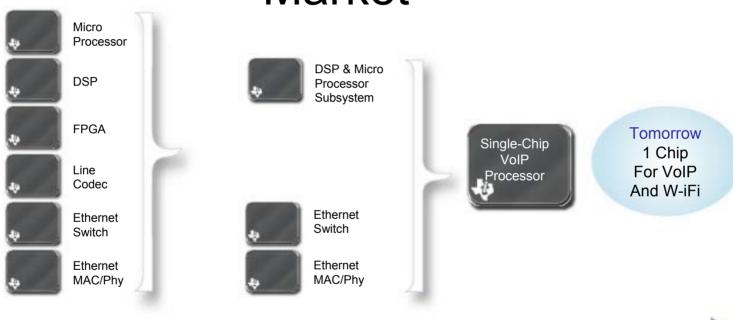
- Worldwide broadband usage increasing
- Availability of consumer and business VoIP services
- VoIP infrastructure in place







## Technology Advances Enable VoIP Market



**BOM** 

2000 6 Chips 2002 3 Chips 2004 1 Chip Tomorrow 1 Chip





#### Integration of VoIP

with Broadband, Wireless and Consumer Electronics



Historically, we were physically tethered to the phone network.





#### Integration of VoIP

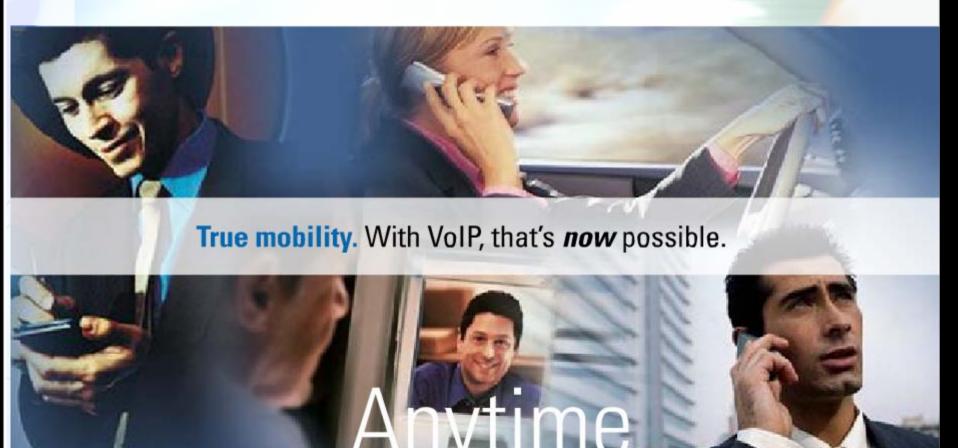
with Broadband, Wireless and Consumer Electronics

# But what do we really want from our voice communications?



#### Integration of VoIP

with Broadband, Wireless and Consumer Electronics







# What You Need to Know About TI and VoIP

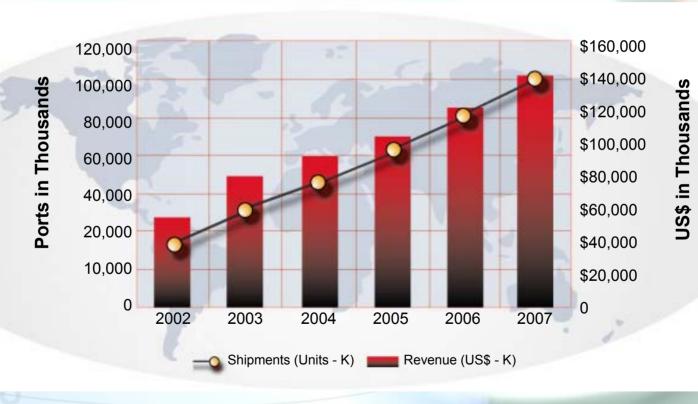
- 80% market share
- Over 200 customers
- Extensive history
  - Expertise in DSP + Telogy Software™
- Solutions for all VoIP applications
- Complete broadband portfolio
- Voice over cable, DSL, Wi-Fi

- IP phone
- Residential gateway
- Enterprise gateway
  - Infrastructure equipment





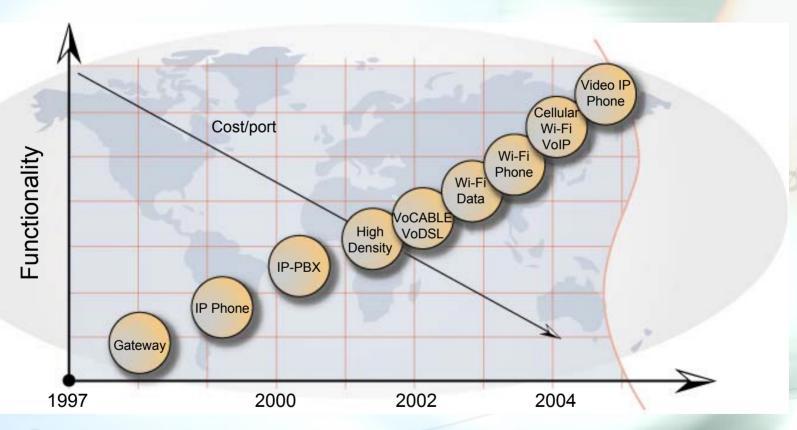
# Total VoIP IC Revenue Forecast 2002-2007







### The Dynamic Pace of VoIP







### TI Vision: Ubiquitous VoIP

- VoIP is more than a replacement for traditional telephony
- VoIP capability can be incorporated into any connected device
- VoIP is changing how and where we communicate



The future called. TI answered.



[VoIP]

Everywhere that has an IP connection



www.ti.com/broadband