



# Moxi Media Center

The Quest for the Best DVR

# Who is Digeo?

- Paul Allen funded venture to develop a platform, applications and services to give Cable technical leadership over Satellite for broadband services
- \$200M raised to date
- Well over 300 patents filed, dozens issued
- Approximately 225 employees

# What Do We Do?

- **Interactive TV services**

- Serving 1.1 million subscribers on 1<sup>st</sup> generation STBs

- **Moxi Media Center**

- Advanced HDTV DVR platform
- Supports DVR on multiple TVs in the home
- Applications beyond DVR
  - Music Jukebox
  - Photos
  - Games

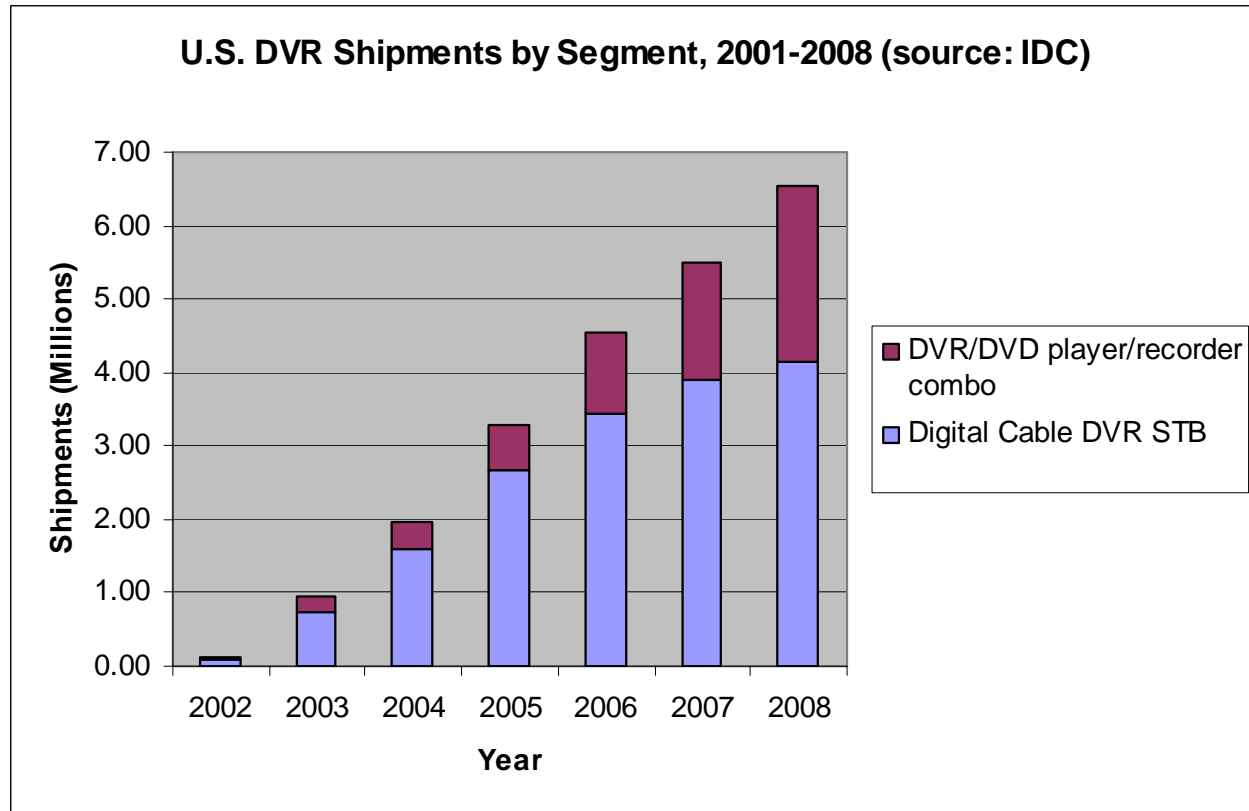
- **Progress to date**

- 235,000 Media Center systems ordered to date from Comcast, Adelphia and Charter
  - Customers serving over 35M U.S. homes combined

# Key Developments in U.S. Cable Market

- **DVR products are taking over the cable set top box market**
- **HDTV is growing rapidly**
- **U.S. Cable operators being pulled many directions**
  - Embedding STB functions in TVs
  - Trying to integrate their IP data infrastructure with their video infrastructure
  - Continuing to consolidate
  - Competing with satellite services

# Cable DVR Shipments Growing Rapidly



- **DVR and HDTV STBs now comprise over 75% of cable STB shipments in the U.S.**

# The Moxi Media Center

- **High-performance platform for broadband cable services**
  - HDTV DVR
  - 4-5x typical STB performance
  - 4x typical STB memory size
  - DOCSIS 1.1 cable modem built in
  - 3D graphics engine
- **Common U/I and applications for multiple TVs in the home**
  - \$79 per remote TV for full DVR capability
- **Advanced user interface**

# Convergence of PC Technologies with Consumer STB Requirements

- **From the PC**

- X86 performance and compatibility
- High-performance 3D graphics

- **From consumer STBs**

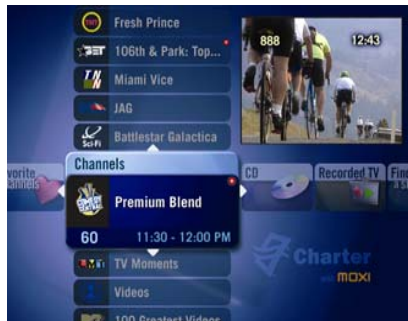
- Digital video quality
- Industry-standard content descrambling
- Ease of use and robustness

- **Bridging the gap**

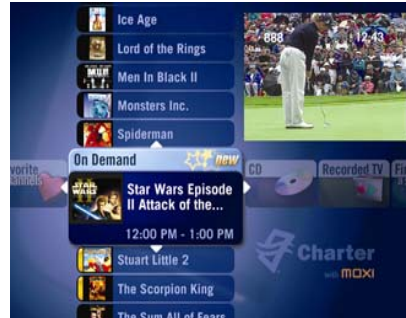
- Digital rights management
- Linux-based operating system
- Strong networking and PC integration

# Demonstration

## Moxi Menu (EPG)



## VOD



## PPV



## Service Channel



## Music Jukebox



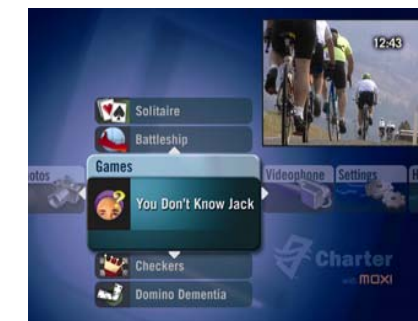
## Recorded TV



## Photos



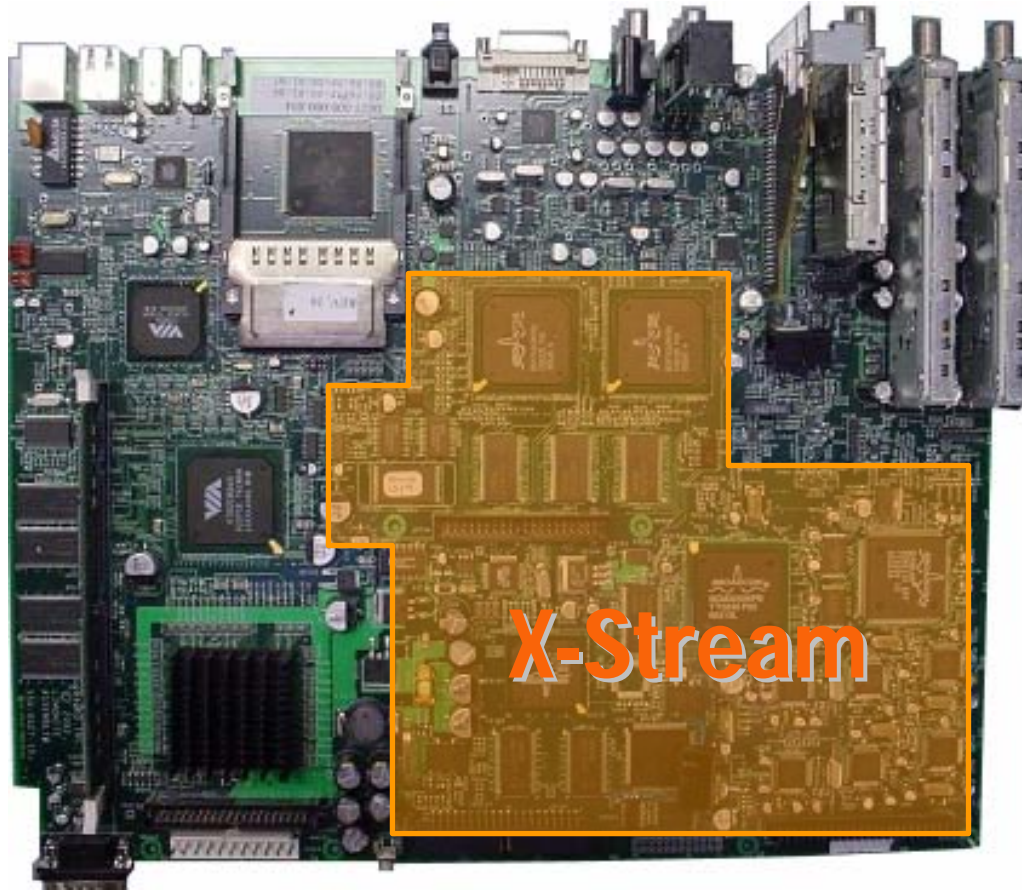
## Games



# Digeo Next Generation – MC-2

- **Cut the cost by approximately half**
  - Digeo silicon integration of the network interface and video handling functions
- **Increase performance**
  - Nehemiah processor at 1GHz
  - CN400 Northbridge with graphics
- **Working in the lab now**
  - Production 2005
- **Many new features**

# X-Stream Integration



**Digeo 1<sup>st</sup> Generation  
Motherboard**

# Summary

- Digital video recorder sales growing at >50% per year
- Increase focus on high performance and applications beyond just video recording
- Digeo's Moxi Media Center combines the best of the PC with the best of consumer electronics

# Q & A