

Microsoft's 1394 Strategy and Roadmap

Zach Little
Program Manager – 1394
Windows Core OS Division

October 2008

Microsoft

Agenda

- Roadmap in Windows
- Release Plans
- Goals for Plugfest
- Connectivity Strategy
- Call to Action

Windows 1394 Roadmap

- ▶ Next version of Windows will support 1394b
 - S800 speeds have been verified
 - S1600, S3200 support present, need verification
- ▶ 1394a support and compatibility will be maintained
 - 1394a (Vista) stack will remain on machines ‘just in case’
 - We will look to deprecate this in a future service pack
- ▶ Class support unchanged. Summarized below

Class Driver	Inbox Status	Notes
SBP2 Storage	Inbox	Functional at 1394b speeds
61883 AVC	Inbox	Functional at 1394b speeds
Kernel Debugging	Supported	Included in WDK
IP over 1394	NOT Supported	No plans to support. Same as Windows Vista

Release Plans for new stack

- New 1394b stack will ship in the next version of Windows
 - Currently the new stack is not publicly available
 - Watch for upcoming announcements from Microsoft regarding release
- Currently, there are not plans for down-level support
 - This includes Vista and XP and server releases
 - Reason for this is a lack of significant OEM demand

Goals for Plugfest

- Ensure device compatibility with new stack
- Verify performance is at/above where it was with the old 1394 stack
- Assist developers with potential device driver issues dealing with new stack
- Find bugs now so we can avoid problems after the new stack is released!
- Encourage 1394 compliance testing

Wired Connectivity Strategy

- Sponsoring a plugfest, writing a new stack.... Is Microsoft changing our device connectivity story?
- Microsoft is committed to supporting 1394 and USB moving forward
- No prioritization has changed
 - Microsoft strongly supports USB 3.0
 - We realize the broad customer base and need for 1394 support
- No plans to support Hana or Wireless 1394.

Call to Action

- Find bugs this week!
(While there's still time to fix them 😊)
- Attend WinHEC 2008 to learn more about Windows, and to be eligible for the Windows beta program
- When it becomes available, test all your 1394 devices against the new stack
 - If issues are found let the Microsoft 1394 team know asap
- Get your products logoed by the 1394TA
- As soon as S1600 and S3200 devices are available get them to Microsoft's lab

Thanks for coming!

Send Questions/Feedback to:

1394feed @ microsoft.com

Microsoft