

**From:** Marshall Brumer  
**Sent:** Wednesday, July 26, 1995 5 07 PM  
**To:** bens, bfox, bradsi, carls, chnsjo, dbayer, jallard, johnlu, marshalb, paulma, paulo  
**Subject:** Intel\MS Internet\OLS Meeting

Intel attendees  
Steve McGeady -VP Internet Group (Internet Technology Lab - IAL)  
Mike Maerz - VP Internet Group (Internetwork Product Division - IPG)  
Ron Whither  
Frank Gill  
Dave Landsman  
Russ Barck  
Rob Sullivan  
Frank Ehng

MS Attendees PaulMa, BradSi, JohnLu, CarlS, ChnsJ, JAllard, PaulO,  
BenS, DBayer, BFox, MarshalB

**SUMMARY**  
Intel and MS both presented their Internet strategies Key areas to work together on are Web Server, Client side and security/realtime services

**DETAILS**  
Intel Group started in May 95 Presentation give by McGeady Intel sees most of the Internet being controlled outside the MS/Intel platform This is the growth area they are going for

Their key objectives 1) get fatter pipes 2) get telecom/ISP companies to deploy higher speed access into PCs in homes/business 3) build value-add corp/small bus Internet Web Servers 4) get ISVs to deploy apps that use more mips 5) encourage the dev of open, interoperable Internet standards for security and real-time media

They have benchmark data around UPH (URLs/Hour) that shows NT not doing very well at all We should be comparing numbers and working together JAllard should work with Steve/Mike to resolve these issues

ChnsJo presented the MS strategy, JAllard and DBayer with backup on NT and MSN

**Discussion**

- Security issues
  - We are doing some work here already and they are bed into this
  - Need many certificate issuing scenarios
  - We take a raincheck on this and will address it later - PaulMa is driving this within MS and for Intel
  - Contact somewhere in the JimAll team
- Web Server
- Real Time Media
  - This has gone on in our iTV work, not our Internet work
  - After our re-org, this is in systems - how do we re-vector this for mid-band internet/cable modems
- NT Internet servers
  - Already agreed to exchange benchmarking code for sync up on numbers
  - Work with JAllard to resolve any issues here
  - They corp servers are not currently NT servers
- Client SW
  - They don't have an agenda to drive different interfaces here
  - They will track things like HotJava pretty closely (as are we for adoption or fit to architecture if needed)
  - They are starting to benchmark this on Sun and NT systems
- MSN
  - They want to watch this - remotely located, privately managed parts of MSN
- Business side
  - Oportunity to develop the market for small business
  - NT based web servers for this - how close to an appliance can this become

EXHIBIT  
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- Can we work together to create these capabilities in an appliance form
- We need to figure out who in BSD should meet with Mike Maerz on this - PaulMa owns
  - WebServer+BackOffice as a small business solution
- Make sure we don't end up promulgating standards in competition with Intel
- Meet in next 6-8 weeks between our security/protocol (Alchin and Rashid) folks and McGeady
- We want Intel to understand what we are doing on the client and help us with it.
- Help us to shut down folks that are trying to promote middle-ware
- We both need to understand how to make this happen
- Paul to synthesize this at the Aug2 exec meeting
- We need to give much more detail here for them to understand this
- End Aug early Sept for follow on meeting
- Ron's 3 pronged deal of where MS/Intel should work together
  - Client
  - Web Server
  - Security and Real Time protocols

Paul also noted that there are very few people using the internet today vs how many will be using it in the future that we want to influence

#### ACTION ITEMS

- Follow up on benchmark numbers on Windows NT - JAllard
- Plenty of follow-up needed from the discussion section