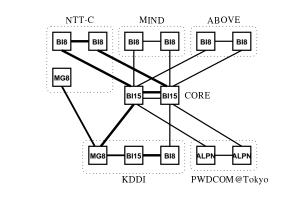
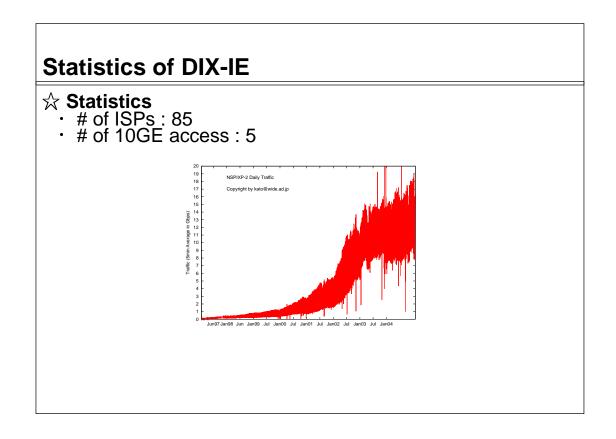


Update of DIX-IE

\Rightarrow DIX-IE (former NSPIXP-2, renamed in 2003)

- Distributed IX in central Tokyo locations
- KDDI (main switches), NTT-Communications, Above,
 PoweredCom (@Tokyo), MIND
 Multiple GbE or 10GE interconnects





DIX-IE

\cancel{k} The switches in KDDI is being upgraded to MG8

- Operational in Oct 2004
- Most of the ISPs have moved in a day
- FE customers still remain on BI15000

 \Rightarrow Traffic doesn't grow a lot at DIX-IE

- Still important for backup of other IXes
- Japanese traffic increases double in every year
 Estimated total traffic is >300Gbps by MIC

☆ Access from a commercial MPLS network

Satoru Matsushima will give a talk soon

NSPIXP-3

\Rightarrow The oldest IX in Osaka

- $\cancel{2}$ Distributed IX from its scratch in 1997
 - Two locations initially
 - OMP and IDC (now Japan Telecom IDC)

 - Redundant GbE access via Dark Fiber
 In 1999 NTT West location added
 Now a 10GE connects NTT West and IDC
 - 23 ISPs, mostly GbE

