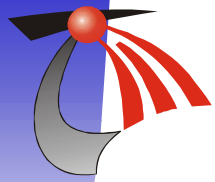


QoS in the Internet

- In the next years new Internet applications will appear
- Some of these will be interactive applications
- New mechanisms are needed at the IP layer to support these applications
- Status information, needed to operate such mechanism, should be minimized in the core of the network
- The IP network will provide QoS *probabilities*, and not *guarantees*



The Internet Next Generation Project

- In the core of the network the mechanism will be *Differentiated Services (DiffServ)*
- At the edge of the network the mechanism can still be *Integrated Services (IntServ, RSVP)*
- To improve QoS, it is also important to improve Internet management (SNMP)
 - Low QoS classes will be for free, high QoS classes will be paid