NGI Coordination

Presented to PITAC Review

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LSN Working Group

- Reports to CIC R&D Subcommittee
- Responsible for NGI, networking aspects of IT2, base LSN research
- Monthly meetings, workshops, conference calls, e-mail, etc.
- *Plans* program goals and objectives, agency responsibilities, major milestones, budgets
- *Coordinates* program execution, links to stakeholders
- *Reviews* progress, proposes corrections

LSN Working Group (cont.)

- Assures programs address recommendations of PITAC while meeting agency needs
- Addresses policy issues associated with NGI programs
- Assigns tasks to LSN teams and reviews their activities

LSN Teams

- *High Performance Network Applications Team* (HPNAT): Coordinate NGI applications programs across agencies. Coordinate applications demos and outreach. Identify new opportunities.

- *Joint Engineering Team* (JET): Coordinate engineering, architecture, and interconnects of NGI testbeds across agencies. Coordinate performance measures of NGI networks and end-to-end applications. Address specific engineering issues such as Hawaii and Alaska connectivity. Provide technical expertise to end users and GigaPoPs.

LSN Teams (cont.)

- *Networking Research Team* (NRT): Coordinate goal 1 networking research across agencies
- *Internet Security Team* (IST): Coordinate NGI security pilots across agencies. Provide workshops and testbeds for developing standards.
- Teams composed of "hands-on" program managers: compare progress; exchange reviewers; hold workshops; conduct outreach

Outreach

- Provided by individual agencies for their specific programs
- Provided across agencies by National Coordination Office
- Coordinated by LSN Working Group or Teams for major activities: workshops, demonstrations (SC98, SC99, Netamorphosis), Internet2, state groups

Transition to Industry

- NGI 5 year lifetime motivates and fosters transition
- Most equipment and services provided by industry, usually with cooperation and feedback
- Industry participates in LSN teams, testbeds, workshops, and cooperative activities
- Recent joint study of how to enhance NGI-industry cooperation

Cooperation with University Community

- University research grants by NGI agencies (also fosters cross-agency cooperation)

- Close cooperation with Internet2 on university connectivity through GigaPoPs

- Close cooperation with Internet2 working groups, e.g. Qbone, performance measurement, Internet security