After a while, Paul found himself in an unfamiliar area. He had showed the route and a blinking dot for his location. Signals route developed was based on the server's knowledge of wireless telephony, they do not accommodate the mobility of intelligent machines and communications networks, or interoperability that will characterize future communications infrastructure. Therefore, if we specify the requirements for a future NII based on seamless infrastructure, access across heterogeneous computer systems, ubiquitous wireless networking for voice, data, and video traffic, and adequate bandwidths for multimedia information sharing and interpersonal communication, we must work together to make them possible. The conference participants decided to form a committee that addresses listings and all major applications, some explicitly (and others tacitly) recognize us a tool for evaluating functional needs and priorities. The committee is working to ensure that the NII is an evolving set of information services to find pertinent information on Eastern, including satellite communications for point-to-multipoint corporate communications networks, video conferencing for meetings, and multimedia and interactive e-mail. It is also working on refining the table of contents for the NII. The committee has identified several key areas for focus:

1. Large-screen, high-resolution computer displays as doctors, with strong privacy protection capabilities
2. Authentication and commercial protocols assuring security and privacy
3. Multimedia information sharing and interpersonal communication
4. Service measuring and billing capabilities for both software and hardware
5. Speech recognition capabilities
6. Adequate bandwidths for multimedia information sharing
7. Ubiquitous wireless networking for voice, data, and video
8. Complex multiparty sessions geographically separated and with voice and data traffic
9. Multimedia and interactive e-mail
10. Standard interfaces between information appliances and computer systems
11. Seamless infrastructure, access across heterogeneous computer systems

The committee is also exploring ways to enhance the NII with new technologies, such as advanced voice control and interactive document features. The committee is working closely with educators and technologists to develop innovative programs to help us, maybe tax breaks or help in selling programs to help us.
7.2 NII Requirements

today. Cross-Industry Working Team members look forward to which they are linked, will imagine and try out ideas for as it becomes available to more and more people, innovative possibilities, most of which are difficult to imagine today. In the transparency and ease of use for citizens, is a critical The realization of interoperability of the heterogeneous difficulties for different equipments and software to work together exists already or is clearly emerging from the laboratory. They those existing or emerging capabilities very widely available at place by the early twenty-first century, if the economic and economic competition encourages those who made a positive identification. In a few days, Thompson was now placed in front of a remote identification camera which served her use information she remembered from the robbery to transfer to central booking. had been watching the relayed views from Gutierrez's portacam him of his rights and handcuffed him, Sergeant Stewart, step out of the car, "with hand (they were cushioned the portacam from her other up newspaper." She casually waved the portacam around as close as she could papers were in order. "All okay, Mr. Thompson," said Gutierrez. without a word. Gutierrez ran the portacam's scanner over assured citizens of a record of their treatment by police officers. better than she -- and would simultaneously relay information said. When Stewart's image appeared in a corner of the driver on her monitor. Even more important, thanks to a hadn't slept all the way out to New Mexico. Finally, she turned watched the burned-out brake light and occasional bursts of transmitted moderate-resolution motion video, automatically procedure; please hold still." The portacam, which normally instructed Gutierrez to secure the suspect; backups were on the transmitted up newspaper. She typed the patient's name, said "Diagnostics" and "Share." decided that the patient was not likely to be suffering a heart today he had a new case to discuss with her. His patient, lying other purposes as well, including the actual practice of processes for use both in education and in his research -- which adept at creating dynamic, almost living, models of biological

- Linking of law enforcement databases, with policy-based video and image transmission
- Easy-to-use multimedia user interfaces including voice Satellite downloading of software to residences Composition, storage, and retrieval mechanisms for Low communications and computing delays for fast, communications sessions Support of distributed multimedia conferencing, media Audiovisual personal computers Computerization and data networking in schools, with

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