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Panel on Transforming the Government
President's Information Technology Advisory Committee

David Cooper and Bo Ewald

February 25, 2000

Presentation Outline

❑ **Members**

❑ **Panel Charter**

❑ **Goals and Objectives**

❑ **Schedule**

❑ **Status**

Panel Members

❑ **Co-Chairs**

- **David Cooper**
- **Bo Ewald**

❑ **PITAC Members**

- **Ken Kennedy**
- **Les Vadasz**
- **Vint Cerf**

❑ **Other Members**

- **Herb Schorr, USC/ISI**

❑ **Consultants**

- **Government CIO Council**

Panel Charter

Study, demonstrate and recommend information technology R&D activities that can transform Federal Government functions for the benefit of the citizens.

Goals

❑ **Survey Federal Government activities**

❑ **Identify near- and long-term IT R&D opportunities**

- **Enable better access to government information**
- **Improve utility of government services**
- **Improve government efficiency**

❑ **Recommend demonstration projects**

Objectives

❑ **Recommend IT R&D priorities to:**

- **Improve public access to government information, functions, and processes**
- **Create more efficient and friendly ways for the public to interact with the government**
- **Improve the efficiency of government functions by applying Internet and information technologies**
- **Improve government processes and services**

❑ **Recommend three showcase projects using Internet, IT, and rapid prototyping**

- **Government and industry participation**

E-gov.gov Pilot Projects

- ❏ **Emergency Management**
- ❏ **Education**
- ❏ **Protecting and Securing Government Information Assets**
- ❏ **Improving Government Efficiency**

- ❏ **Looking for Current Success Stories**
- ❏ **Need More Potential Future Efforts**

Schedule

❑ **Briefings and research January - April**

❑ **Draft report and cover letter April 24**

❑ **Final report and cover letter May 10**

❑ **Issue: Is this a separate report or part of a larger report?**

Status

- ❑ **Request for Participation SC 99**

- ❑ **Teleconferences December 99**

- ❑ **Meetings January 13, 2000**
  - **CIO Treasury, FISAC chair, IT for Crises Management WG chair, Digital Government PM**

- ❑ **Meeting February 24, 2000**
  - **CIO Treasury/ CIO Council Chair, CIO IRS, CIO SSA, ITCM chair and research representative, Digital Government status report, DARPA "Netcentricity" report**

What We've Learned So Far

❏ **We can build on existing ambitious efforts.**

❏ **Most new or planned improved services depend on the Internet.**
  - **Requires the NGI and long term telecommunications R&D efforts.**

❏ **There is a planned (but unfunded) ETC for IT for Crisis Management.**
  - **Education of greater numbers of the populace in IT.**
    — **For example : use of the National Guard**

❏ **Scale of internal operations is extremely large.**
  - **Gaining efficiencies from process engineering and IT is daunting but must be done.**

❏ **Increasing the number of computer science graduates in the workforce will not solve by itself many of the agencies' personnel problems.**
  - **Need Knowledgable/Informed Managers**
  - **Project management skills**
  - **Security expertise**

What We've Learned So Far (Con't)

❑ **There are substantial technical barriers.**

- **Scalability, security and privacy**
- **Ease of use**
- **Resilient systems**
- **Data storage and management**
- **Applications software development**
    - **Make/buy**
    - **Efficient custom or semi-custom development and integration**
- **Requirement for High End systems?**

❑ **There are substantial non-technical barriers.**

- **Multi-agency funding of projects is hard to plan and execute.**
    - **Few incentives / few drivers**
    - **But it can be done as the response to Y2K demonstrated**