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# STIP Strategic Plan FY02 Update

*Bringing Our Vision, Mission, and  
Goals into the 21<sup>st</sup> Century*



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## Consider Current & Future Environment

- Situational Analysis
- Planning Assumptions
- Mission
- Goals, Strategies, and Measures
- Next Steps



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## Organizational Strengths

| FY97   | FY02 |
|--|------|
| Technically competent workforce  |      |
| Quality-oriented programs  |      |
| Increasingly empowered workforce   |      |
| World class science/technology infrastructure  |      |
| The democratization of publishing challenges us to adopt new paradigms for information management        |      |
| Electronic linkage to user/peer reviews of generated STI provides additional value for information users |      |



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## Mixed Strengths and Weaknesses

| FY 97   | FY 02 |
|---|-------|
| Performance-based contracts   |       |
| Diverse business cultures (programs and contractors)                      |       |
| DOE is transitioning from the paper "paradigm" to Web-based technologies  |       |
| A primary dissemination mechanism for DOE STI is the published literature |       |
| Organization of STI to maximize its use                                   |       |
| Broad dissemination of unclassified/unlimited STI                         |       |



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## Organizational Weaknesses

| FY 97   | FY 02 |
|---|-------|
| DOE report literature is not fully leveraged  |       |
| Absence of uniform standards/procedures   |       |
| Stove-piped organizations (absence of collaboration)  |       |
| DOE's process for life-cycle management of STI is not uniform across the Department   |       |
| STI quality assurance management is not uniform across the Department   |       |
| DOE resistance to change  |       |
| Electronic access to unclassified STI with attendant capability of combining information may result in development of sensitive information |       |



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## Planning Assumptions

- DOE efficiencies will result (dollars saved)
- Customer base for DOE STI
- Government/Contractor collaboration
- Findings of recent IG audit of DOE STI process
  
- Overall assessment:
  - A higher priority should be placed on STI
  - STI is a key deliverable of DOE R&D



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## Vision

September 1997

The critical contribution that DOE STI makes to the welfare of the nation and the world is recognized by the U.S. citizenry as well as the global community.

March 2002

The critical contribution that DOE STI makes to the welfare of the nation and the world is recognized by the U.S. citizenry as well as the global **scientific** community.



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# **Mission**

## **September 1997**

Create, collect and share scientific and technical information through a robust, collaborative, and innovative Program forged by all Departmental elements using state-of-the-art technologies that are cost-effective and allow maximum use of the information.

## **March 2002**

**Ditto!**





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## **Goals - FY97**

- 1. Provide DOE customers with convenient, timely and appropriate access to STI in a form they can use to accomplish their mission.*
- 2. Establish collaborative relationships to support the Department's Scientific and Technical Information Program*
- 3. Promote use of best business practices to ensure effective life-cycle management of STI.*
- 4. Establish customer-driven STIP products and services.*



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## Goal 1 Strategies

### Access to DOE STI

- *Move from a paper-based centralized repository to a cost-effective, distributed electronic access (virtual library) that allows flexible access to publicly available STI libraries*
- *Utilize existing site-hosted electronic libraries*
- *Enhance access to legacy STI*
- *Ensure timely availability of STI material*



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## Goal 2 Strategies

### Collaboration

- *Establish a Scientific and Technical Information Coordinating Group (STICG) to identify, prioritize and suggest ways to resolve complex-wide issues*
- *Identify incentives/disincentives to collaboration and develop or enhance incentives/minimize disincentives*
- *Identify and publicize successful collaborations and expand to complex where feasible*
- *Educate users/providers on value added by STI process*
- *Enhance communications*



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## Goal 3 Strategies

### Best Practices Used

- *Define best business practices for each of the components of STI life-cycle management*
- *Identify common barriers to implementing best business practices*
- *Select and prioritize best business practices*
- *Develop marketing plan for best business practices*
- *Implement marketing plan, focused on DOE community*
- *Measure the degree to which best business practices have been adopted or planned*



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## **Goal 4 Strategies**

### **Customer-Focused**

- *Support reasonable heterogeneity in STI formats to support customer preference*
- *Select user-friendly search tools*
- *Enhance usefulness of DOE research*
- *Enhance visibility of DOE research*
- *Establish STI performance measures*
- *Establish a mechanism for gathering and sharing DOE complex-wide customer feedback*
- *Identify STI program benefits to customer*



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## FY02 Update

- **Affirm or modify each of the goals**
- **Identify strategies to meet each “new” goal**
- **Set milestones or measures where possible**
- **Identify any barriers or constraints**



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## Next Steps