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American National Standards Institute

Searching for Standards Information via the Internet

Incorporating Standards into
Capstone Design Courses

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Over time, the NSSN has evolved from its original intended use: to serve as a (1) source of bibliographic information about standards and (2) pointer to standard developers.
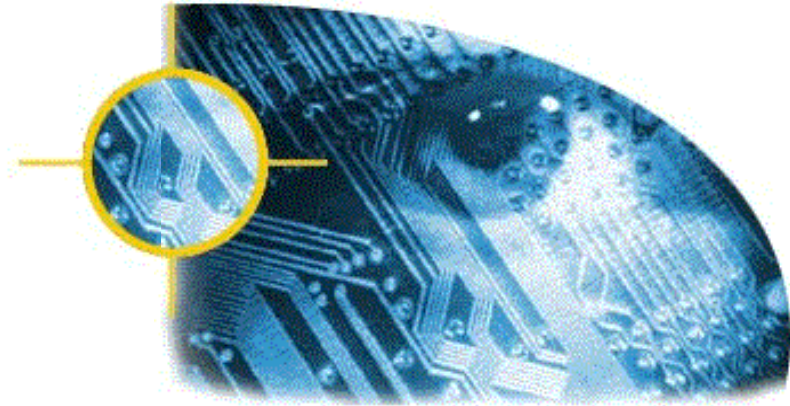
Today, the NSSN represents a

"Virtual Standards Mall"

connecting those who need standards to those who can provide them.

Benefits

❑ The NSSN provides . . .

- – Ability to better orchestrate U.S. government agency, industry, consumer and academic efforts in global standardization

- – Strategic identification of which committees are working on which standards

- – Ability to determine what other standards are similar to, or referenced by, those standards that are critical to a specific program area

- – Easier integration of internal and external standards and related information

Product Description
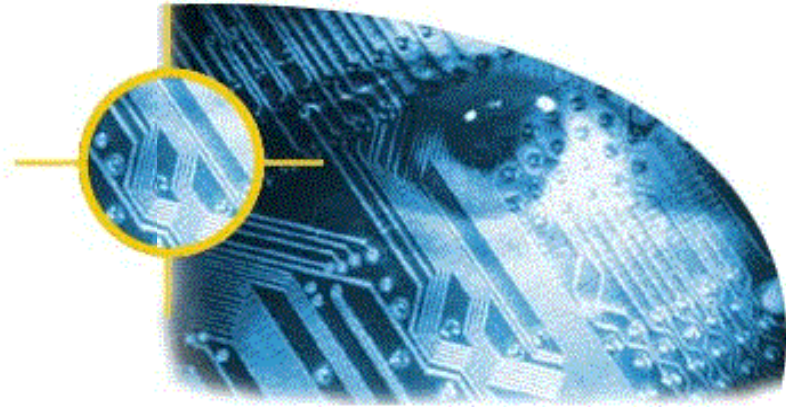
❑ The NSSN is a free, web-based information service sponsored by the American National Standards Institute
  – Serves as a single point to search for information on approved standards

  – Facilitates direct electronic access to standards (when available)

 – Provides contact information on domestic and international standards development activities

Functionality
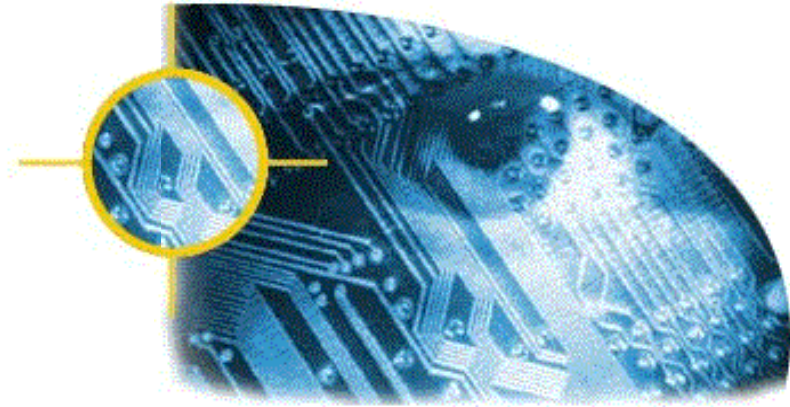
- ❑ Search capabilities and summary results

- ❑ Access and functionality for Network Site License Customers (such as university libraries)

- ❑ Cross-references to regulatory documents

- ❑ Expanded summary results about standards developing organizations

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Collections
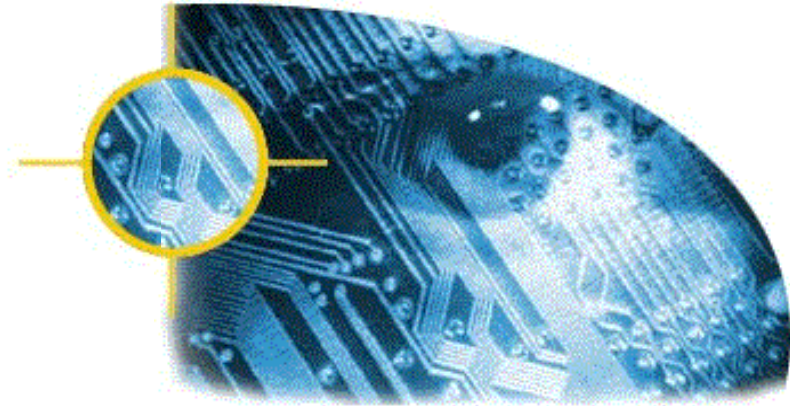
- ❑ Comprehensive source for status/availability information on more than 250,000 approved standards
    - – National
    - – International
    - – Regional
    - – Foreign
- ❑ Sophisticated search mechanisms
- ❑ Bibliographic data, including scopes or abstracts (when provided by developer)
- ❑ Regular updates by the developing organizations

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www.NSSN.org *or* www.StandardsMall.org

Document Access
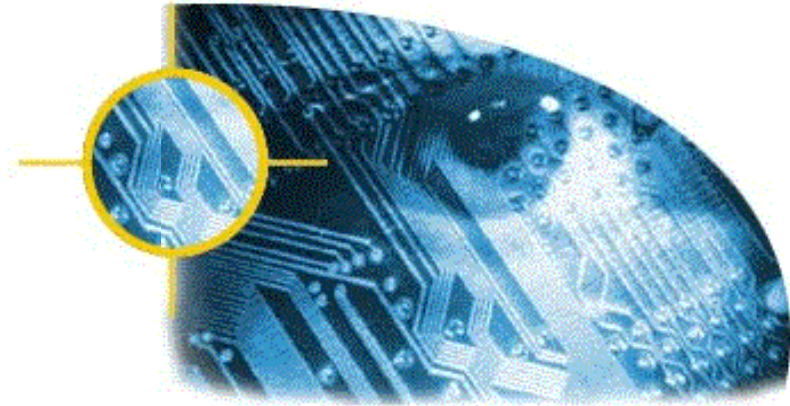
❑ Seamless link to ANSI Online Electronic Standards Store (ESS) for electronic copies of hundreds of American National Standards (ANS) and ISO standards (including ISO 9000 and ISO 14000)

❑ Links to the web sites of standards developers when an electronic copy is available

❑ Contact information for obtaining documents that are only available in hard copy

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www.NSSN.org or www.StandardsMall.org

Navigating the NSSN
Features, Design, and Structure

www.NSSN.org | www.StandardsMall.org

Search Functions

❑ Search by document number, title, abstract, developing organization, or committee

❑ Search using all words, any words, or search for a phrase

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Search Features

Search Features (continued)

Specify how title searches are handled

- All words

- Any words

- Exact phrase

- Boolean search

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www.NSSN.org *or* www.StandardsMall.org

Summary Results

- ❑ Developing organization
- ❑ Document number and title
- ❑ Links to more complete bibliographic data

Summary Results (continued)

www.*NSSN*.org or www.*StandardsMall*.org

Detailed Results

❑ Full name of developing organization

❑ Document number

❑ Title

❑ Scope (where available)

❑ Other bibliographic information as available

❑ Ordering information

Detailed Results (continued)

SDO name
Document #
Title

Scope
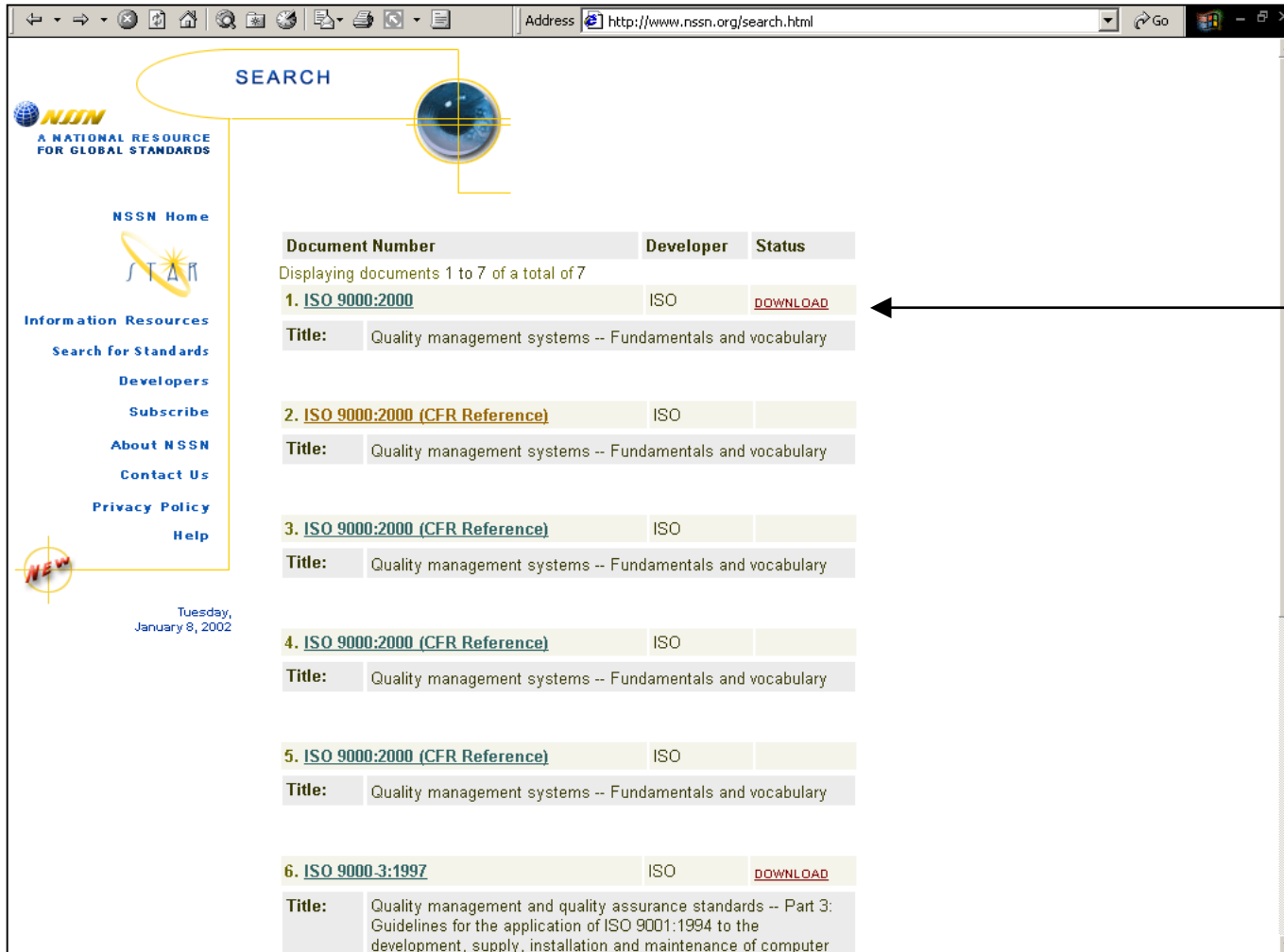
Other
Information

Information
on how to
obtain the
standard

Simple Access to Network Site Licenses

❑ Network Site License Customers can download documents directly from search summary results screen

Network Site License (continued)

One-step access to document downloads is available directly from the search summary results page.

Network Site License (continued)

Documents can be downloaded to the user's desktop within seconds.

Network Site License (continued)

Acrobat Exchange - [ISO 11112-1995.pdf]

File Edit Document View Tools Window Help

INTERNATIONAL
STANDARD

**ISO
11112**

First edition
1995-12-15

SAMPLE

**Earth-moving machinery — Operator's
seat — Dimensions and requirements**

Engins de terrassement — Siège de l'opérateur — Dimensions et

Page 1 of 8   153%   8.29 x 11.69 in
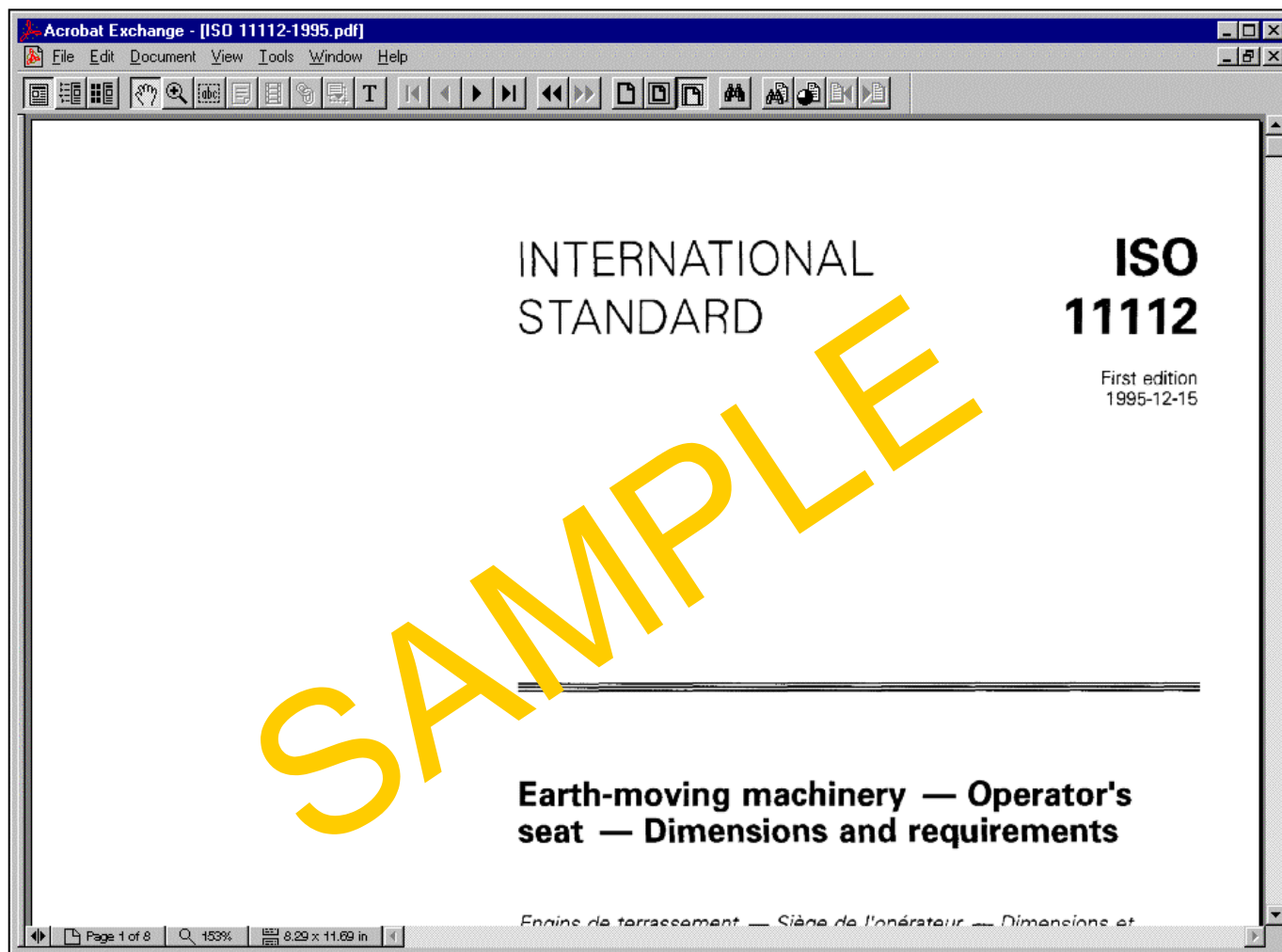
**Most
documents
are delivered
in a non-
revisable
.pdf format.**

Cross-Referencing

❑ References to voluntary standards in the Code of Federal Regulations (CFR)

❑ Information includes document number and title, text of the reference, and section of CFR where document is referenced

❑ Information provided by RegScan, Inc.

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Cross-Referenced Information with the Code of Federal Regulations (CFR)

CFR data referenced within scope.

Information About Standards Developers

❑ Searchable database

❑ Information based on NIST Special Publication 806 *Standards Developing Organizations in the United States*

❑ Pre-defined list of ANSI-accredited standards developers and ANSI-accredited Technical Advisory Groups

Information About Standards Developers (continued)

Information About Standards Developers (continued)

Search by

• Acronym
• Name
• Full Text

Standards Tracking & Automated Reporting (STAR) Service
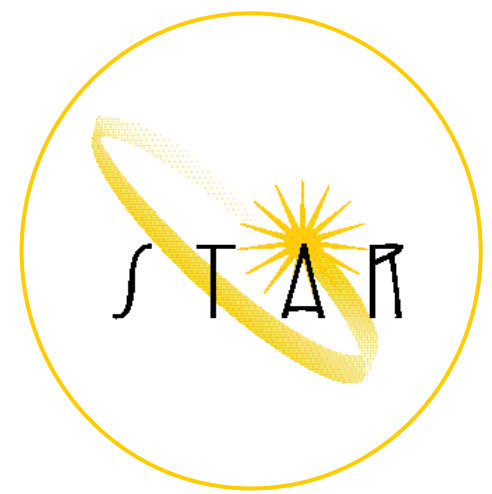
- ❏ **STAR** is a fee-based component of the NSSN
  - Users establish profiles for projects of interest
  - Service automatically tracks changes in status of in development, revision or maintenance
  - Provides information about new standards in an area of interest
  - E-mail summary notifies user of updates
  - User's personal web page catalogues details of the modification

STAR Service
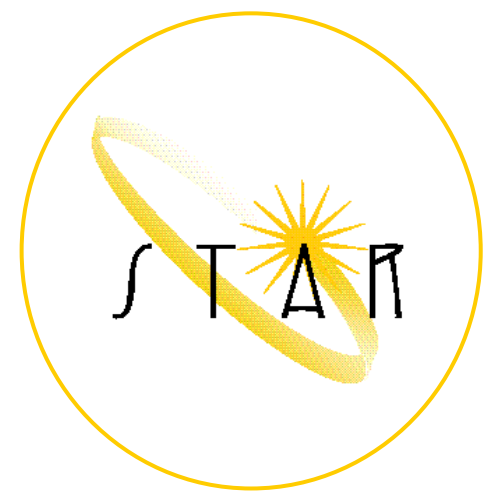
❑ Alerts can be narrow
(i.e., one standard) or broad
(i.e., an entire industry)

❑ Convenient way to track current activity and versions of standards you use

– Automatic tracking of product areas

– Notification of changes in external documents that are integral to your products

– Notification of draft standards and committee drafts at ISO and others

Multiple Access Paths

❑ **NSSN: A National Resource for Global Standards**
  - www.NSSN.org
  - www.NSSN.com

❑ **Standards Mall**
  - www.StandardsMall.org
  - www.StandardsMall.com
  - www.StandardsMarket.com

❑ Let the NSSN serve as your one-stop "Standards Mall" for document access and information retrieval

❑ For more information, contact:

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   kpeabody@ansi.org; t: 212 642 8908