About X12
DISCLAIMER

This presentation is for informational purposes only.

• This presentation is not intended to represent legal advice.
• The content is point-in-time information, which is subject to revision.
• If you have questions regarding specific information shared during this presentation, contact us at info@x12.org
• Visit www.x12.org any time for current information
COURSE OVERVIEW

• Why EDI standards?
• Information about X12
• Information about ANSI
• Information about the ASC and its Subcommittees, Task Groups, and Work Groups
• Standing Meetings
• Revision Processes
• EDI Transaction Standards & Type 3 Technical Reports
• Additional Training and Other Information
NEED FOR STANDARDS

• Standardized computer-to-computer transactions are key to successful inter-organizational communication.

• Use of X12 EDI transactions enhances business processes, improves efficiency, reduces costs and expands organizational reach.
• A non-profit corporation
• Accredited by ANSI in 1979
  • The American National Standards Institute (ANSI) was founded in 1918 in response to a need to standardize parts in manufacturing.
  • It was founded by five technical societies and three U.S. government agencies.
  • ANSI Standards cover virtually every aspect of American industry.
  • ANSI is the official U.S. representative to several international organizations.
ANSI

• ANSI’s mission is to enhance both the global competitiveness of US business and the US quality of life by promoting and facilitating voluntary consensus standards and conformity assessment systems, and safeguarding their integrity.

• ANSI does not develop standards.

• ANSI accredits standards committees, also known as Standards Development Organizations (SDO’s), and those groups develop standards.
• Overseen by the Board of Directors
• Governance documents in the About section at x12.org
• Establishes committees with specific responsibilities and assignments
• Product library contains more than 500 EDI transaction standards, and associated schemas, technical reports, and guidance documents
More than 300 members and over a thousand designated member representatives

Members represent corporations, associations, non-profits, and materially affected individuals

Member representatives are standards and business product experts from health care, insurance, transportation, finance, government, supply chain and other industries
X12 MISSION

X12 is an ANSI-accredited, consensus-based, non-profit organization focusing on the development, implementation, and ongoing use of interoperable electronic data interchange standards.
In support of our mission, X12 will:

• Publish high-quality consensus-based standards that are simple, efficient, responsive to the needs of stakeholders, and delivered in a timely manner.

• Promote consistent and precise use of standards with supporting offerings, education, and collaboration incubators.

• Evolve our work products to accommodate advancements in technology with consideration of the impact to the existing user base.
X12 PRINCIPLES

• Collaborate with other organizations, including related standards organizations, to reduce redundancy, increase interoperability, and provide clear information to implementers.

• Maintain comprehensive policies and procedures for organizational activities.

• Establish a financial model that ensures the fiscal health of the organization.
X12 BOARD OF DIRECTORS

The Board is responsible for overall organizational oversight and operations, management of derivative offerings based on ASC work products, and development of tools to support implementation and use of any X12 work products.

Governance policies and procedures are available in the About section at x12.org. Corporate policies and procedures are prefixed by CAP.
ACCREDITED STANDARDS COMMITTEE (ASC)

• An X12 standing committee
• Responsible for developing and maintaining EDI standards meeting the American National Standards (ANS) requirements of the American National Standards Institute (ANSI)
• Develops implementation assistance products based on the ASC EDI transaction standards, for example Technical Reports
• Committee governance policies and procedures are available in the About section at x12.org, prefixed by ADP.
ASC MISSION

• To develop high quality e-commerce standards in an open consensus environment
• To drive the adoption and implementation of the standards we develop
• To collaborate with other standards bodies to ensure our standards are interoperable
• To promote and provide education about the standards we develop
Business processes enabled by EDI transactions:
• Order processing
• Shipping and Receiving
• Invoicing
• Payment
• Transportation
• Product Development
• Manufacturing
• Health Care
• Property and Casualty Insurance
STEERING

• Oversees operational activities related to the development of ASC work products
• Responsible for planning and coordination of ASC activities
• Responsible for the maintenance of related operational policy and procedure documents
• The detailed responsibilities of Steering are defined in the ASC Organizations and Procedures Manual (OPM)
### ASC STEERING

#### Voting Members

- **ASC Chair / Vice Chair**

#### Subcommittees Chairs:

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- **Immediate Past Chair / Vice Chair**

#### Non-Voting Members

- **Steering Committee Task Group Chair(s):**
  - P&P Policy & Procedures
ASC STRUCTURE

ASC subcommittees (prefixed by “X12” followed by a letter) either represent a specific industry or monitor technical aspects of ASC work products.

Subcommittees may form task groups, (prefixed by “TG”), which are subordinate to the subcommittee.

Subcommittees and task groups may form work groups (prefixed by “WG”), which are subordinate to a specific task group.
PROCEDURES REVIEW BOARD (PRB)

- The ASC Vice Chair serves as PRB chair.
- The PRB ensures that due process was followed and consensus was reached during development of ASC standards, guidelines, technical reports and interpretations.
- The PRB does not act on technical matters.
P&P has the following responsibilities:

• Making recommendations to Steering
• Overseeing maintenance of ASC policies & procedures
• Interpreting ANSI policies and procedures as these relate to ASC operations
• Coordinating membership balloting with Administration for ballots related to ASC policy & procedure
• Assisting ASC groups with understanding and application of corporate and committee policies & procedures
COMMUNICATIONS & CONTROLS (X12C)

• Responsible for Standards, Guidelines and Reference Models that govern technical components of the ASC X12 Standard and for other work products that apply across subcommittees.

• Develops and maintains interpretations, technical reports and guidelines related to its areas of responsibility
FINANCE (X12F)

• Develops and maintains components of ASC EDI transaction standards related to the financial services industry's business activities

• Develops and maintains interpretations, technical reports and guidelines related to its areas of responsibility
TRANSPORTATION (X12I)

- Develops and maintains components of ASC EDI transaction standards related to the transportation industry's business activities, including air, marine, rail, and motor freight transportation and Customs, logistics and multi-modal activities.

- Develops and maintains interpretations, technical reports and guidelines related to its areas of responsibility
TECHNICAL ASSESSMENT (X12J)

• Responsible for the technical integrity of ASC work products.
• Develops and maintains interpretations, technical reports and guidelines related to its areas of responsibility
SUPPLY CHAIN (X12M)

• Develops and maintains components of ASC EDI transaction standards related to the supply chain industry’s business activities, from sourcing to delivery.

Note: Transportation and finance areas are complex, standalone subcommittees design, develop and maintain those components.

• Develops and maintains interpretations, technical reports and guidelines related to its areas of responsibility
• Develops and maintains components of ASC EDI transaction standards related to the insurance industry's business activities, including those related to property insurance, casualty insurance, health care insurance, life insurance, annuity insurance, reinsurance, and pensions. Health insurance activities include those undertaken by commercial and government health care organizations.

• Develops and maintains interpretations, technical reports and guidelines related to its areas of responsibility.
STANDING MEETINGS

• An X12 meeting convened three times a year, usually for 4 days, for the purpose of conducting standards development activities

• Corporate meetings may occur in conjunction with Standing Meetings

• Includes sessions focused on the activities of X12 committees, subcommittees, task groups, and work groups

• Standing meetings are planned and announced far in advance, generally at least one year, to facilitate attendance planning
STANDING MEETING SCHEDULE

- Winter meeting – occurs in late January or early February
- Summer meeting – occurs in late May or early June
- Fall meeting – occurs in late September or early October
- For upcoming meeting dates and locations, refer to the Meetings page on the X12 website.
STANDING MEETING RULES

• Most sessions are open to all registered attendees.
• Some groups have specific requirements that must be met before certain privileges, such as voting, are conferred. Check with the chair of the group if you have questions about participation.
• You must wear your meeting badge for entry to any session.
• Attendance is automated, be sure your badge is scanned in every session you attend.
• Certain corporate ballots, such as elections, require advance pick-up of balloting materials.
COLLABORATION AND DECISIONS

• Generally, any X12 member representative may participate in any session.
  • However, X12 policies allow different methodologies to meet the needs of different groups, check with the chair if you have participation questions or voting rule for the group
• Decisions are reached through consensus.
  • Consensus does not mean unanimous, it means significant agreement
• Robert’s Rules apply when X12 is silent on a policy or procedure.
THE PROCESS

• Requests for changes to ASC work products are submitted via:
  • Data Maintenance Request (DM)
  • Code Maintenance Request (CMR)
  • Online Change Request (CR)

• Revisions requests for the ASC EDI transactions standard follow the ASC data maintenance process. Data maintenance items are reviewed and voted upon by various ASC groups depending on whether the revision impacts the group, culminating in a vote of the full X12 membership.
THE PROCESS

• Revisions requests related to X12 code lists follow the expedited Code Maintenance Request process. Only disputed items require review and approval by various ASC groups.

• Revisions requests related to other ASC products, such as technical reports, follow a process similar to the data maintenance process, but do not require approval of the full X12 membership.

• Revisions requests related to other ASC products, such as policies and procedures, follow administrative approval processes.
• X12 recommends a new version of the ASC EDI transaction standard to ANSI every 5 to 7 years

• ASC approves a new release of the ASC EDI transaction standard for publication every October

• ASC approves a new sub-release of the ASC EDI transaction standard for publication every February and June

• Example – version 007, release 03, sub-release 0

Standard ID

vvv000

vvvrr0

vvvrrss

e.g.,

007030
COMPATIBILITY – X12 STANDARDS

• Maintenance to the ASC EDI transaction standards is not retroactive
  • Example: New segments added in version 7 release 3 (007030) are not available in transactions formatted in version 7 release 1 (007010).

• Maintenance to the ASC EDI transaction standards is not backward compatible
  • Example: A data element length is increased in version 7 release 5 (007050). The expanded length cannot be transmitted in transactions formatted in version 7 release 3 (007030).
A TR3 is often referred to as an Implementation Guide (IG)

A TR3 is based on a published version of the ASC EDI transaction standards

A TR3 cannot be published until after the publication of the underlying standard release

A TR3 describes the use of one or more transaction sets for a specific business purpose.
TR3 PROCESS

• Developed by an ASC subcommittee, task group, or work group
• May have an external public review and comment period
• The subcommittee assigned primary responsibility for the TR3 approves publication of the TR3.
• Final internal review and approval by the Technical Assessment Subcommittee (X12J) is required
• The published TR3 is available for purchase at http://store.x12.org/store/
MEMBERSHIP BENEFITS

• Participate in a robust standards committee with over 30 years of collective business process and technical expertise in the development and adoption of electronic data exchange standards.

• Proactively shape the most widely used X12 EDI standards in a consensus-based environment that meets vertical and horizontal market needs.

• Complimentary registration to X12 standing meetings, where members convene to actively develop, maintain and drive implementation of X12 EDI transactions.
MEMBERSHIP BENEFITS

• Showcase your products and services via special members-only sponsorship opportunities.

• Collaborate with other standards developers via X12's formal relationships with other SDOs and industry associations.

• Network with top decision-makers and technology innovators who establish and implement electronic data exchange standards.
ADDITIONAL INFORMATION

• [www.x12.org](http://www.x12.org)
• [members.x12.org](http://members.x12.org)
• iMeet – X12’s online collaborative tool
  • Sign up at [iMeetCentral.com](http://iMeetCentral.com)
THANK YOU