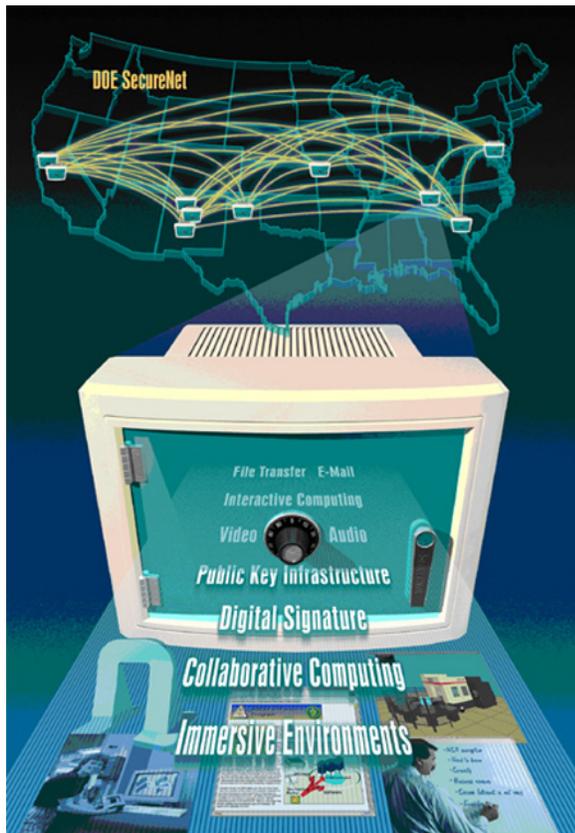


*Collaboration is the sharing of knowledge that is vital for a corporation to effectively communicate and make informed decisions. Collaboration technologies provide a means to implement knowledge sharing, which addresses business needs and helps organizations achieve business objectives.*



One of the biggest challenges in the corporate world today is the ability to communicate pertinent information among a wide range of stakeholders who are distributed across multiple organizations nationwide. Software tools that provide solutions to this challenge are found in the rapidly growing area of computing known as collaboration. Collaboration tools enable the exchange of knowledge between working groups.

The Y-12 National Security Complex has developed and implemented a variety of software applications that support improved communication and coordination across organizations. Y-12 also has extensive expertise in establishing collaboration sites for local, state and national government agencies.

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## CAPABILITIES

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- Facilitates communications with team and interested stakeholders
- Provides framework for organizing team information
- Provides central repository for team documents
- Provides an online archive of team knowledge
- Reduces security risks associated with distribution of information through e-mail, paper, or removable media
- Reduces e-mail “bloat”
- Provides valuable resource of focused information for future efforts
- Tailors environment for both the user’s needs and content management
- Facilitates project management
- Enables sharing of design models

### APPLICATIONS

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Y-12 has designed and implemented web-based collaboration sites using commercially available software. Y-12 has experience in defining the computing architecture and establishing the entire collaborative infrastructure based on customer requirements and business needs. Collaborative applications have been provided in the following areas:

- Federal Highway Administration web application for the U.S. Department of Transportation, providing resource centers where common practices and expertise can be located
- Law Enforcement Information Center to allow rapid communication and record exchange among local law enforcement agencies in a five-state area (CAPTURE application)
- Deployment of a project management collaboration system for design of new facilities at Y-12
- Sharing of project information across the Nuclear Weapons Complex sites
- Y-12 Integrated Cyber Security Initiative (ICSI) project team collaboration site for the sharing of team deliverables, status reports, trip reports and other documentation

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