



The Clinical Engineering-IT Alliance:

Survey Results

CE-IT Alliance: Survey

- ❑ Online survey developed earlier this year by the Steering Committee of the CE-IT Alliance.
- ❑ Survey designed to provide guidance on what specific projects the alliance should undertake.
- ❑ Members of all 3 organizations were sent the online survey in April.
- ❑ More than 470 submitted the survey.

CE-IT Alliance: Who Took Part

- 81% - CE-IT field
 - Primarily BMETs, CEs, and Directors of Clinical Engineering
 - CIO, VP of IT/IS
 - CSO, Director/Manager of Info Security
 - Programmers/Developers
 - Systems Analysts, etc.
- 14% - Allied to the field (business consultants, government employees, marketing/sales, professors, etc.)
- 5% - Clinicians – physicians, nurses, etc.

CE-IT Alliance: Who Took Part

- Place of employment:
 - 65% - hospitals, multi-hospital systems
 - 12% - Device manufacturers
 - 8% - Academic institutions
 - 6% - Consulting firms
 - 4% - Independent Service Organizations
 - 5% - Other (home healthcare, government, etc.)
- Organizational Member:
 - 84% - AAMI
 - 28% - ACCE
 - 17% - HIMSS

CE-IT Alliance: How to Help

- Participants asked to rate how alliance could help. Top ways cited:
 - Develop and share best practices
 - Keep you informed about new standards and regulations
 - Keep you informed about new technology
 - Ensure that new technology weaves into current technology without precluding connectivity in the future
 - Share business plans, goals, and mission statements between IT and clinical engineering groups.
 - Gather diverse stakeholders to discuss IT issues of mutual interest.
- Lowest scores: Explore new certification initiatives; and define new professional roles (including education, experience & certification requirements.)

CE-IT Alliance: How to Help

- On which specific CE-IT issues would you like guidance? Top selected:
 - Integration of systems/devices in multi-vendor environment
 - Developing an IT infrastructure to adequately support medical technology
 - Emerging technologies
 - Implementation & use of wireless systems
 - Recommendations/guidance on implementing new technology
 - FDA regulations

CE-IT Alliance: How to Help

- On which specific CE-IT issues would you like guidance? Others that scored reasonably high:
 - CE-IT convergence (policies on working with IT personnel)
 - IT standards
 - IT issues related to facility upgrades/environment
 - IT security issues
- Scored the lowest:
 - PACS
 - Deploying Intranet technology
 - Upgrades of network infrastructure

CE-IT Alliance: How to Help

- In what format would you like the IT guidance provided to you? Top rated:
 - Guidance documents or white papers on specific topics
 - Articles
 - Website
 - Virtual educational conferences
- Scored reasonably well:
 - Practice standards
 - Regional and national educational conferences
- Scored lowest:
 - Listserv
 - Podcasts

CE-IT Alliance – Collaborating With Others

- What other organizations should be invited to participate in CE-IT Alliance projects?

Top cited:

- IEEE (Institute of Electrical and Electronics Engineers)
- AMIA (American Medical Informatics Association)
- ASHE (American Society for Healthcare Engineering)
- Local Biomedical Societies

CE-IT Alliance – Moving Forward

- Steering Committee meeting to review survey results and identify projects based on results.
- *IT Horizons*, 4th edition, to be published this fall.
- Involving members of all organizations.
 - 28% said they would like to be actively involved in projects undertaken. In addition, 65% wanted to remain informed.
 - New Website: <http://www.ceitcollaboration.org>
- Welcome your suggestions, questions, and input.