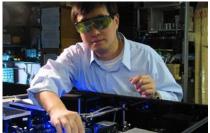


NIST Mission

NST

To promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life

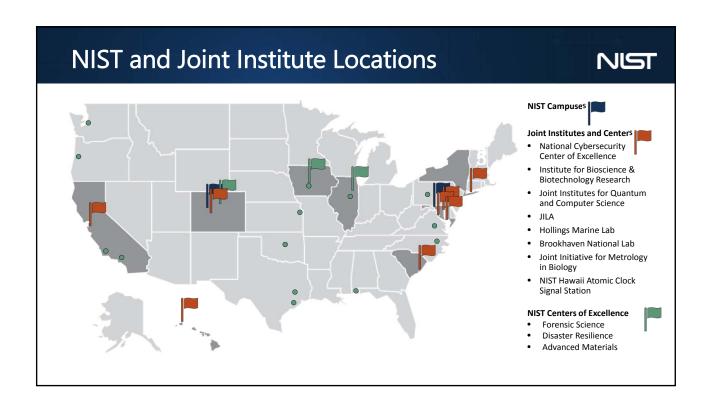




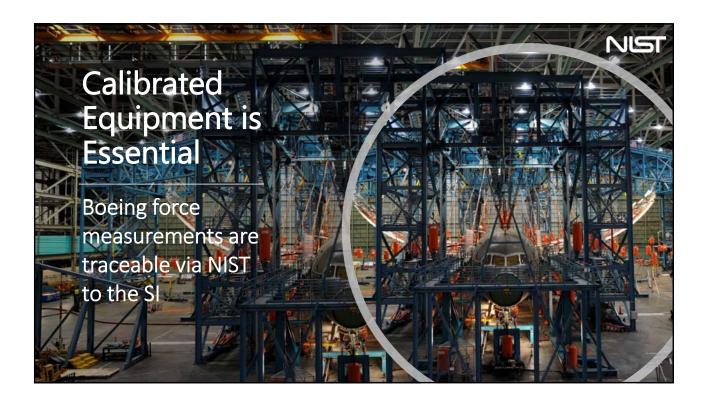


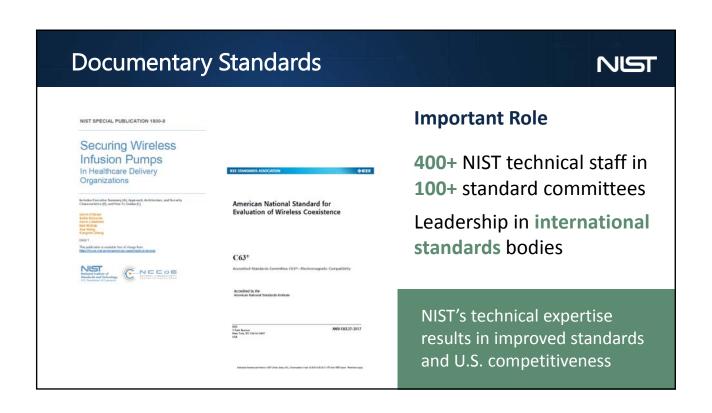








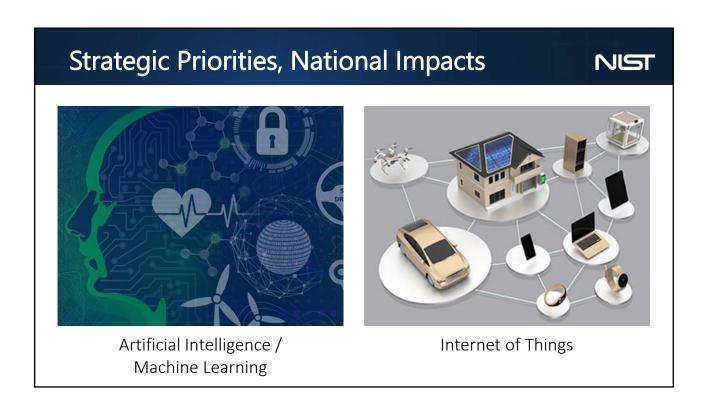












NIST and Emerging Technologies

NST

To promote U.S. innovation and industrial competitiveness











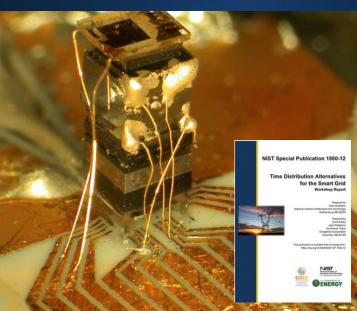
- Advanced Computing
- Neuromorphic computing
- Advanced materials
- Polymeric composite systems
- Gene Editing
- Biomanufacturing
- Advanced micro- and nanoelectronics
- Additive manufacturing





Precision Navigation and Timing

NST



NIST Chip-Scale Atomic Clock

Is the size of a computer chip with a precision timing synchronization to about 1 billionth of a second per day

NIST improved the devices to a 10^{-12} uncertainty before transferring the technology to commercial manufacturers

