

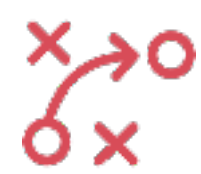


SHERLOCK CLOUD

A Secure Cloud Solution

San Diego Supercomputer Center @ UC San Diego

The Office of Management and Budget (**OMB**) through Circular A-130, Appendix III, Security of Federal Automated Information Resources, requires executive agencies within the federal government to:



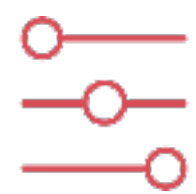
PLAN FOR SECURITY

Understanding the procedure



SECURITY RESPONSIBILITY

Ensuring appropriate officials are assigned



SECURITY CONTROLS

Periodically reviewed in their information systems



AUTHORIZE SYSTEM PROCESSING

Prior to operations and, periodically, thereafter



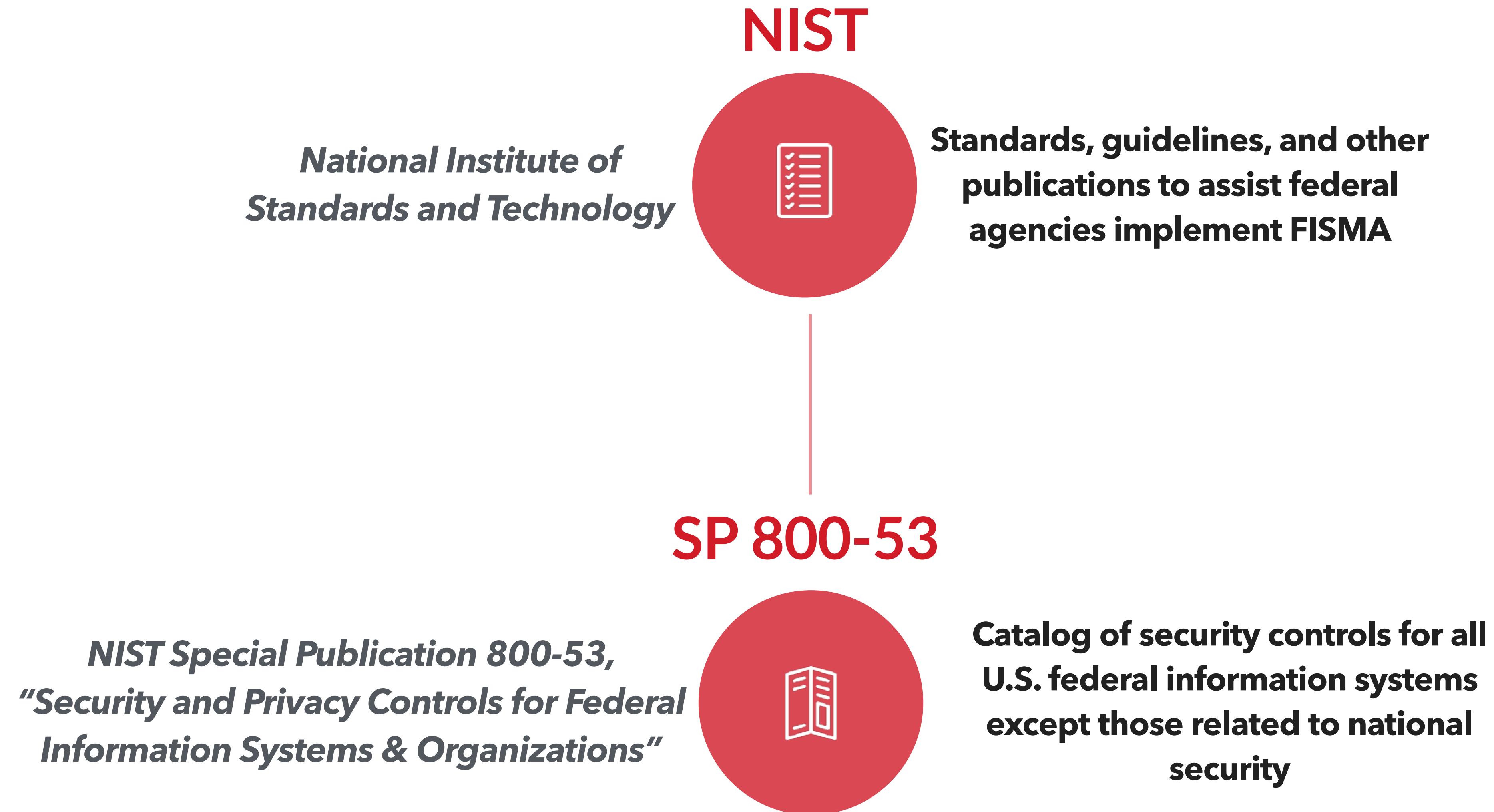
WHAT IS FISMA?

Title III of the E-Government Act (2002), entitled the *Federal Information Security Management Act* (**FISMA**) requires each federal agency to develop, document, and implement an agency-wide program to provide information security for the information and information systems that support the operations and assets of the agency, including those provided or managed by another agency, contractor, or other source.

FISMA SECURITY CERTIFICATION



WHAT IS NIST'S ROLE?



SHERLOCK FISMA EXPERIENCE



FISMA Certified Program

Hosting for the last 8 years



Sponsoring Agency

Centers for Medicare & Medicaid Services (CMS), adds additional requirements through the CMS Acceptable Risk Safeguards (ARS)



FISMA Certification

Compliance with NIST 800-53 requirements



Yearly Federal Audit

Required of 800-53 & CMS ARS Security Controls

