



The Office of the National Coordinator for  
Health Information Technology



# Security Risk Assessment Tool Overview

ONC Web Event

April 29th, 2014

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Office of the Chief Privacy Officer



# Privacy and Security: A Shared Responsibility



## Health Care Providers

- Understand Rules
- Protect and Secure Information
- Educate Staff and Patients



## Government

- Promotes Trust
- Develops Policies
- Fairly Enforces Rules



## Patients

- Understand Rights
- Protect Personal Information
- Be Engaged



## Technology Vendors

- Embrace Privacy by Design
- Provide Convenient Technology
- Implement Standards

# ONC Goal: Inspire Confidence and Trust



## Promote the Secure Use of Health IT



Information Assurance

## Coordinate Development of Privacy and Security Policy

Patient Direct Access  
to Lab Report (CLIA)



Meaningful Use

## Educate and Empower Patients and Providers



Improved Access to  
Health Information



View and Download  
Health Records



Patient Education



Enhanced  
Understanding  
of Patients

## Provide Technical Assistance



Interactive  
Security Training



Data Segmentation  
for Privacy



Notice of  
Privacy Practices



eConsent  
Trial

# Mobile Devices: Tips to Protect and Secure Health Information



**Use a password or other user authentication.**



**Install and enable encryption.**



**Install and activate wiping and/or remote disabling.**



**Disable and do not install file-sharing applications.**



**Install and enable a firewall.**



**Install and enable security software.**



**Keep security software up to date.**



**Research mobile applications (apps) before downloading.**



**Maintain physical control of your mobile device.**



**Use adequate security to send or receive health information over public Wi-Fi networks.**



**Delete all stored health information before discarding or reusing the mobile device.**

# Protecting Patients Rights: New OCR Resource Center at Medscape.org



Video Programs  
module imbedded into  
page for dynamic  
interest

OCR Educational Links,  
Including Mobile Device  
Content

**Protecting Patients' Rights**

**INTRODUCTION**

The Office for Civil Rights (OCR) at the U.S. Department of Health and Human Services administers and enforces the Health Information Privacy, Security, and Breach Notification Rules, issued under the Health Insurance Portability and Accountability Act of 1996, otherwise known as HIPAA, and the Health Information Technology for Economic and Clinical Health (HITECH) Act. In doing so, we play an important role in ensuring that individuals' health information remains private and secure, and that individuals have rights to their health information.

**LEARN ABOUT COMPLYING WITH THE HIPAA PRIVACY AND SECURITY RULES**

Parent Privacy: A Guide for Providers **CME**  
HIPAA gives patients much control over how their data are used. Do your practice's policies protect their rights?  
April 26, 2012

HIPAA and You: Building a Culture of Compliance **CME**  
Health care privacy is everyone's responsibility. Learn steps to safeguard patient information throughout the care environment.  
June 26, 2012

Examining Compliance With the HIPAA Privacy Rule **CME**  
An unsecured laptop or outdated privacy policies could lead to hefty fines. Is your practice HIPAA compliant?  
June 27, 2012

**RESOURCES FOR MEDICAL PROFESSIONALS AND BUSINESS ASSOCIATES**

Are You a Covered Entity?  
For Small Providers, Small Health Plans, and Other Small Businesses  
Summary/Guidance on Significant Aspects of the Privacy and Security Rules  
Real-World for Covered Entities  
Business Associates POCs  
Sample Business Associate Agreement  
Security Rule Guidance Materials  
Guidance on Risk Analysis  
Mobile Device Security  
Communicating with a Patient's Family, Friends, or Others Involved in the Patient's Care  
FAQs About the Disposal of Protected Health Information  
Training Materials on the HIPAA Privacy Rule

**RESOURCES FOR YOUR PATIENTS**

Your Health Information Privacy Rights  
Privacy, Security, and Electronic Health Records  
Understanding the HIPAA Notice  
Sharing Health Information with Family Members and Friends  
HIPAA Videos for Consumers

Supported by the U.S. Department of Health and Human Services, Office for Civil Rights

**POLLING QUESTION**

Who in your practice is responsible for updating privacy and security policies?

- ☐ Office manager
- ☐ Chief privacy officer
- ☐ Chief information officer
- ☐ Quality assurance manager
- ☐ Other

**SEARCH**

HIPAA/OCR Poll Question  
Updated Quarterly



<http://www.medscape.org/sites/advances/patients-rights>



# Cybersecure: Contingency Planning



The latest training game focuses on disaster planning, data backup and recovery and other elements of contingency planning.



<http://www.healthit.gov/providers-professionals/privacy-security-training-games>

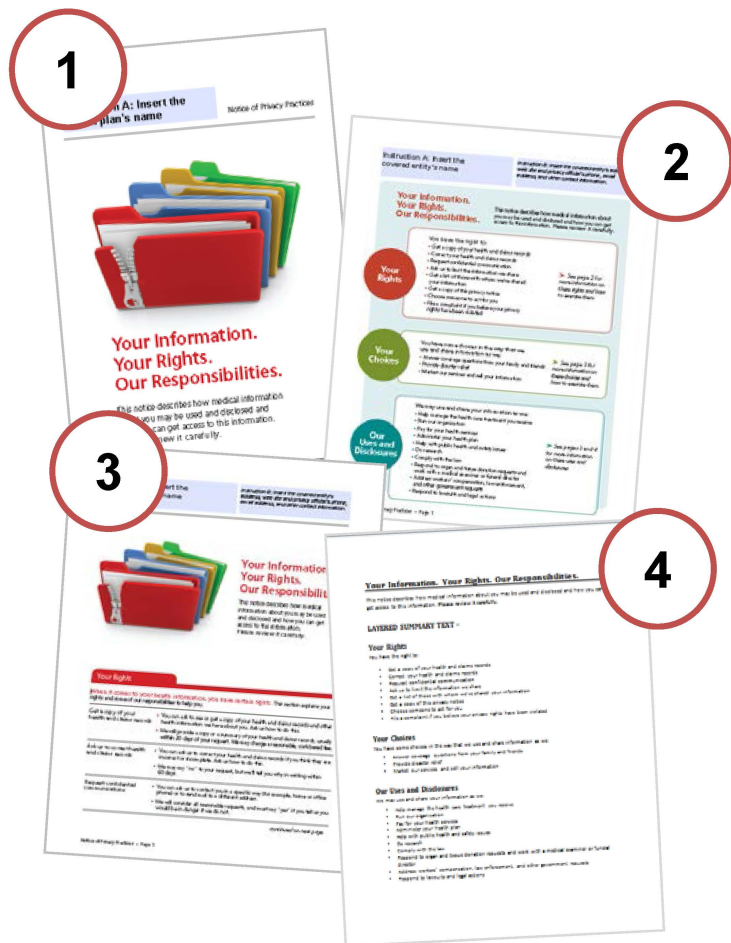
# Models of Notice of Privacy Practices



The Office for Civil Rights (OCR) and Office of the National Coordinator for Health Information Technology (ONC) collaborated to develop model NPPs for covered entities to use:



# Types of Notices Available



1. **Booklet** – Presents the material in booklet form with design elements
2. **Layered Notice** – Presents a summary of the information on the first page, followed by the full content on the following pages
3. **Full Page** – Has the design elements found in the booklet, but is formatted for full page presentation
4. **Text Only** – Provides a text-only version of the notice



# Meaningful Consent Website



- Geared toward providers, health information exchange organizations (HIEs), and other health IT implementers
- Gives background on meaningful consent and ONC's eConsent Trial Project
- Provides customizable tools and resources to help you enable patients to make meaningful consent decisions



**[www.HealthIT.gov/meaningfulconsent](http://www.HealthIT.gov/meaningfulconsent)**

# Security 101: Contingency Planning

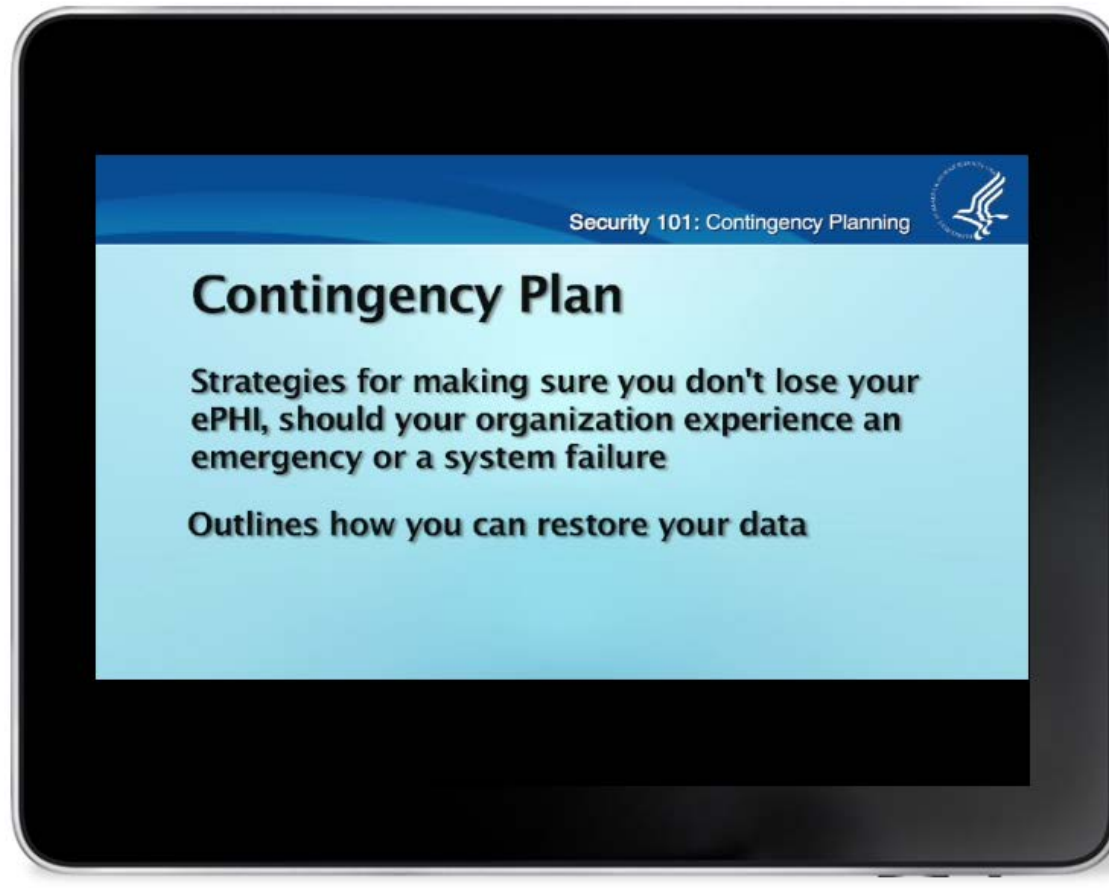


**[www.HealthIT.gov/security-risk-assessment](http://www.HealthIT.gov/security-risk-assessment)**

# Security 101: Contingency Planning



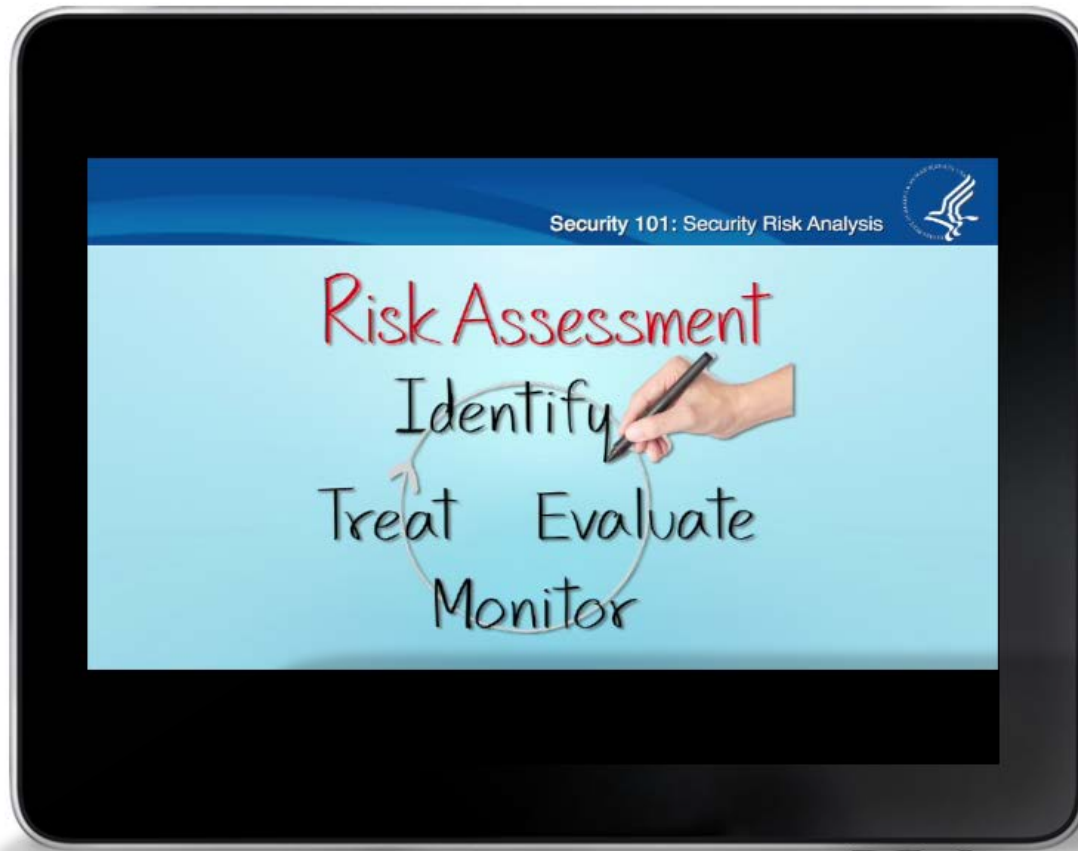
A contingency plan is a way to establish strategies for making sure you don't lose your ePHI, should your organization experience an emergency or a system failure. A contingency plan also outlines how you can restore your data. If you do suffer a data loss.



# Security 101: Security Risk Analysis



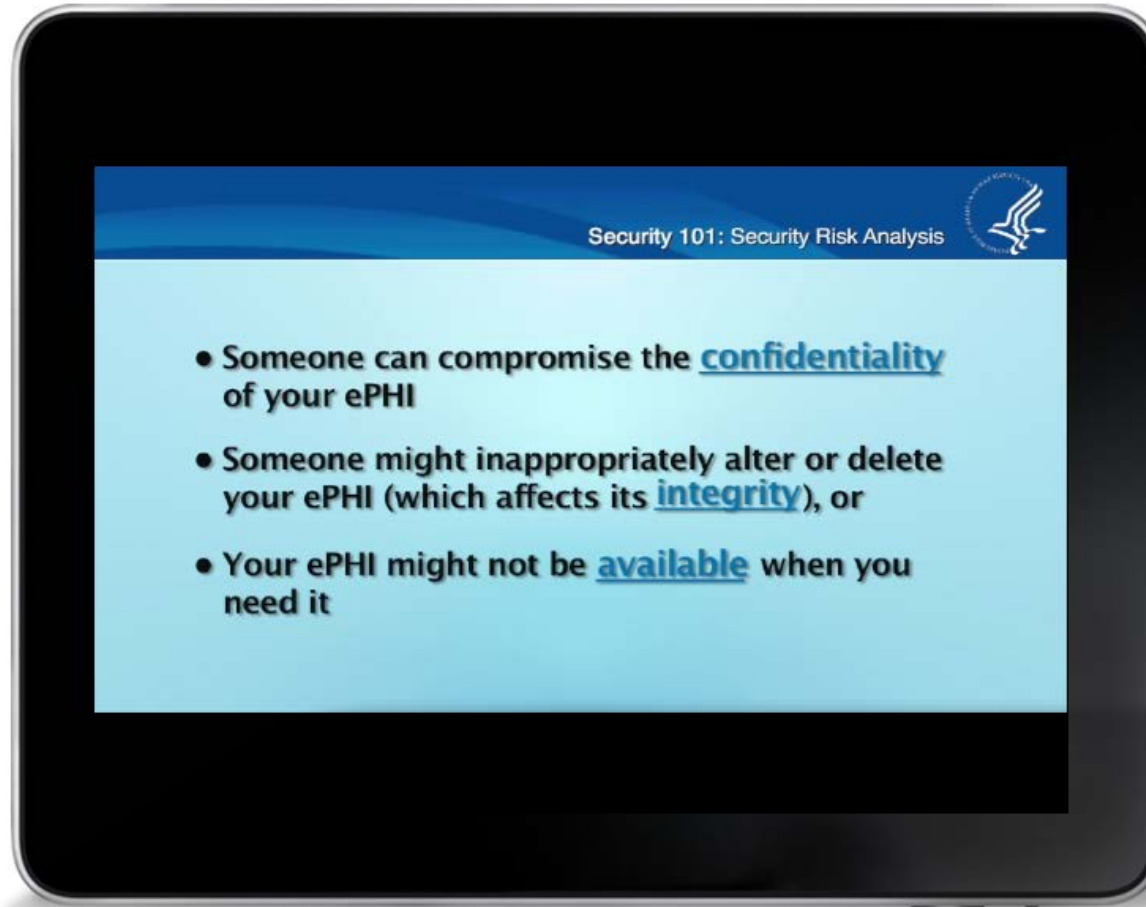
A Risk Analysis is seen as one of the most important security tasks. Performing a Risk Analysis will help you identify when and where there is a risk...



# Security 101: Security Risk Analysis



A risk where...



[www.HealthIT.gov/security-risk-assessment](http://www.HealthIT.gov/security-risk-assessment)



# Coming Soon - Security Risk Assessment Tool



[www.HealthIT.gov/security-risk-assessment](http://www.HealthIT.gov/security-risk-assessment)

# Coming Soon - Security Risk Assessment Tool



HHS - Risk Assessment Tool

 **Security Risk Assessment Tool**

Current User: none | Logout | [www.HealthIT.gov](http://www.HealthIT.gov)

**Tutorial**

**Users** **About Your Practice** **Business Associates** **Asset Inventory**

Family Medical Center  
123 Health St.  
Suite 600  
Arlington  
Virginia  
22202  
123-456-7890

### Security Risk Assessments

The HIPAA Security Rule requires covered entities to conduct a risk assessment to identify risks and vulnerabilities to electronic protected health information (e-PHI). Risk assessment is the first step in an organization's Security Rule compliance efforts. Following HIPAA risk assessment guidelines will help you establish the safeguards you need to implement based on the unique circumstances of your health care practice.

Risk assessment is an ongoing process that should provide your medical practice with a detailed understanding of the risks to the confidentiality, integrity, and availability of e-PHI. HIPAA requires that covered entities "implement policies and procedures to prevent, detect, contain, and correct security violations" by conducting "an accurate and thorough assessment of the potential risks and vulnerabilities to the confidentiality, integrity, and availability of e-PHI held by the [organization]." Performing a security risk assessment and mitigating the findings is also a requirement for providers attesting to "Meaningful Use" under the CMS EHR Incentive Program.

Providers should develop a risk assessment that addresses these criteria by evaluating the impact and likelihood of potential breaches, implementing security features, cataloging security features, and maintaining security protections.

[www.HealthIT.gov/security-risk-assessment](http://www.HealthIT.gov/security-risk-assessment)

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 **Security Risk Assessment Tool**

Tutorial

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**Users** **About Your Practice** **Business Associates** **Asset Inventory**

Smith Accountir	Accounting	55 Elm St., Arlir
Denver Account	Accounting	213 One St., Arl
Name	Type	Address

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**Users** **About Your Practice** **Business Associates** **Asset Inventory**

EHR	An applicati	Receives, tr	Jane Doe
Copy machi	Equipment -	Receives ar	Jane Doe
Name	Type	Has EPHI	Assignee

**Security Risk Assessments**

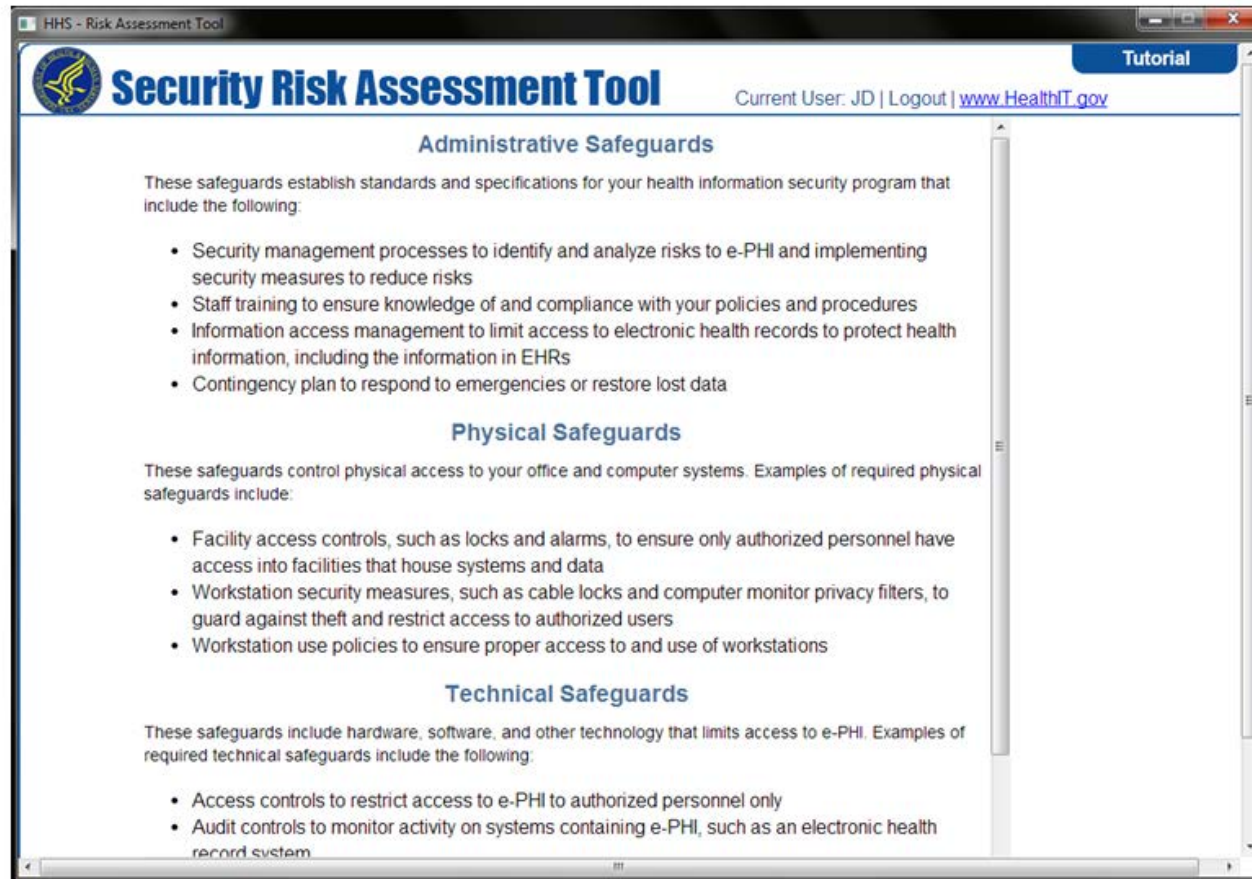
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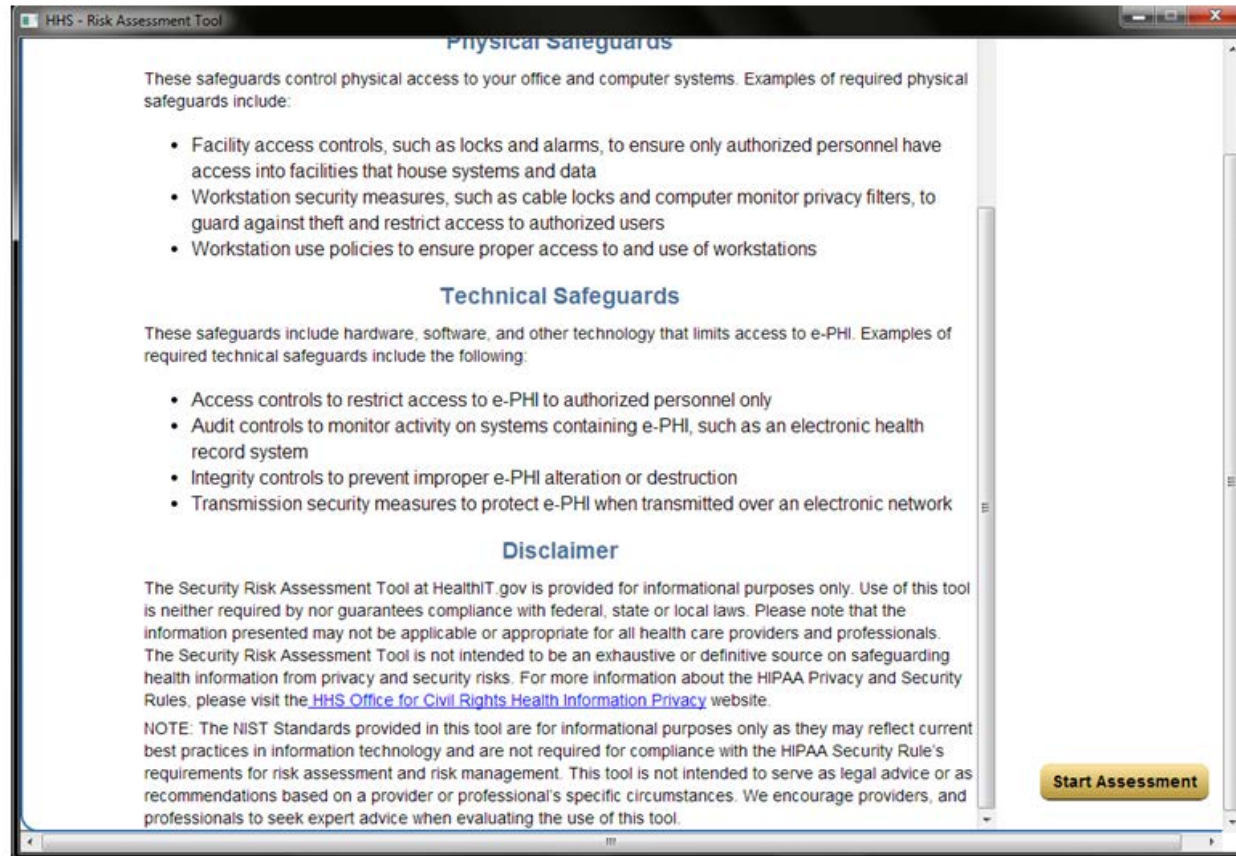
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# Coming Soon - Security Risk Assessment Tool



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**A11**

**§164.308(a)(1)(ii)(D) - Required**  
Does your practice have policies and procedures for the review of information system activity?

☐ Yes ☐ No ☐ Flag

**Things to Consider**

Consider that information system activity reviews enable your practice to detect and investigate irregular system use that can indicate a violation of security policies and a privacy breach.

Consider whether your practice:

- Analyzes its activity and incident reports
- Analyzes its audit reviews
- Reviews its exception reports
- Reviews its audit logs

**Previous Question** **Next Question** **Report** **Glossary** **Navigator** **Related Info**

[www.HealthIT.gov/security-risk-assessment](http://www.HealthIT.gov/security-risk-assessment)

# Coming Soon - Security Risk Assessment Tool



The screenshot shows a web browser window titled "HHS - Risk Assessment Tool". The main heading is "Security Risk Assessment Tool" with the HHS logo to the left. In the top right corner, it says "Current User: JD | Logout | [www.HealthIT.gov](http://www.HealthIT.gov)". There is a "Tutorial" button in the top right.

The main content area is divided into two columns. The left column is titled "A01" and contains a section for "§164.308(a)(1)(i) - Standard" with the text "Does your practice develop, document, and implement policies and procedures for assessing and managing risk to its ePHI?". Below this are radio buttons for "Yes", "No", and a "Flag" button. Below this is a table with three tabs: "Current Activities", "Notes", and "Remediation". The "Current Activities" tab is active, showing a large empty text area. Below the table is a section for "With respect to a threat/vulnerability affecting your ePHI:" with radio buttons for "Likelihood" (Low, Medium, High) and "Impact" (Low, Medium, High).

The right column has three tabs: "Things to Consider", "Threats and Vulnerabilities", and "Examples of Safeguards". The "Things to Consider" tab is active, showing two paragraphs of text. The first paragraph defines an information system, and the second paragraph defines a portable electronic device.

[www.HealthIT.gov/security-risk-assessment](http://www.HealthIT.gov/security-risk-assessment)

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Chart View Export PDF Export Excel Show / hide columns

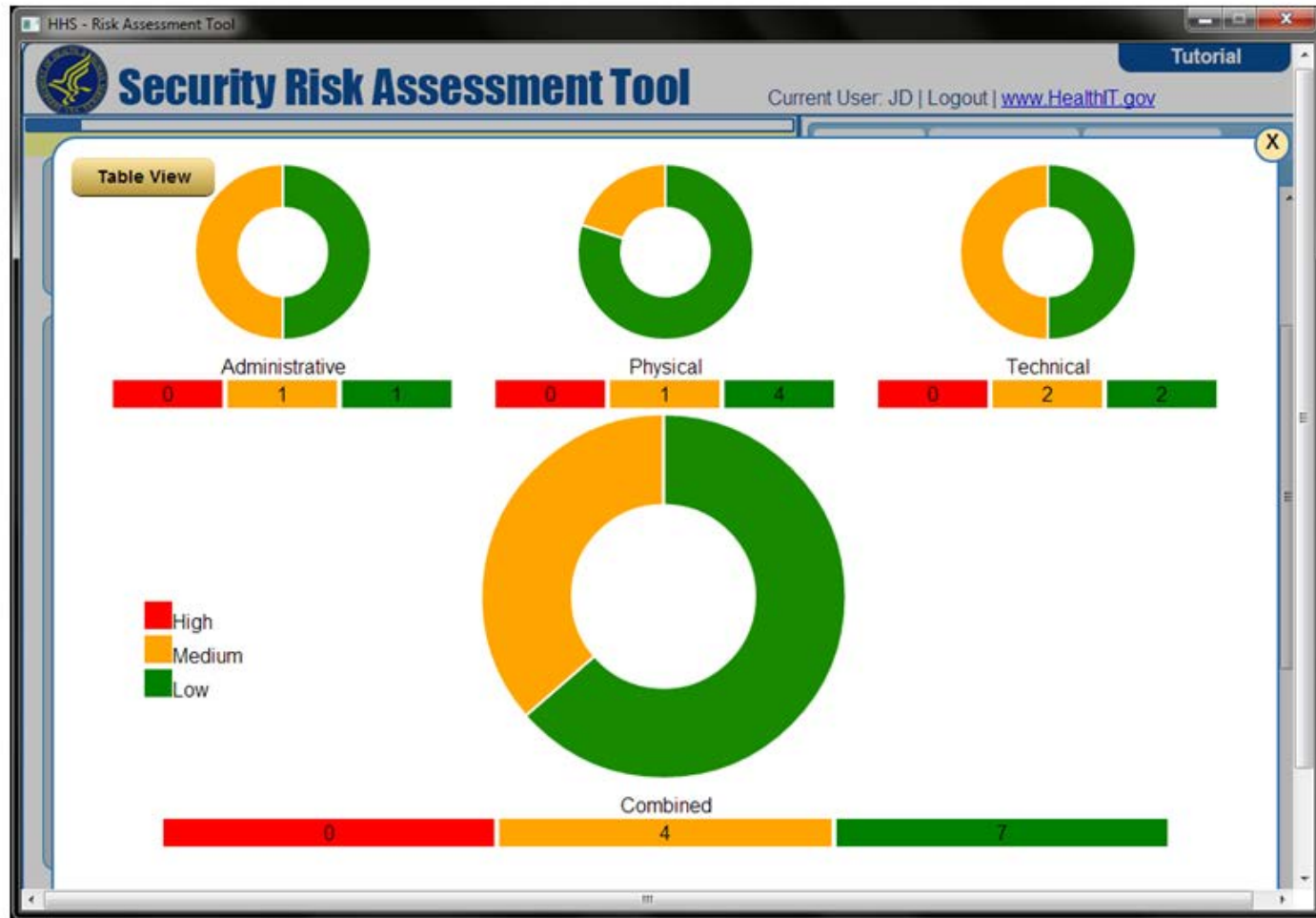
Search all Columns:

ID	Citation	Answer	Flagged	Risk Level	Current Activities	Notes	Remediation	Reason	Last Ed
A01	§164.308(a)(1)(i)	No		Low		JD: Will need to revise our policies and procedures for accuracy.	None. As we comply with assessing and managing risk to ePHI.	Cost	[JD]2/19/2 2:00:25 pm
A02	§164.308(a)(1)(i)	No	✓	Medium	We develop, document, and implement policies and procedures for assessing and managing risk to ePHI.	JD: Will need to revise our policies and procedures for accuracy.	None. As we comply with assessing and managing risk to ePHI.	Practice Size	[JD]2/13/2 9:50:58 am
PH03	§164.310(a)(1)	No		Low				Practice Size	[JD]1/30/2 7:20:16 pm

[www.HealthIT.gov/security-risk-assessment](http://www.HealthIT.gov/security-risk-assessment)



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Tutorial

Show / hide columns

Search all Columns:

Term	Citation	Definition	Discussion
Access	45 CFR §164.304	The ability or the means necessary to read, write, modify, or communicate data/information or otherwise use any system resource. (This definition applies to "access" as used in the Security Rule, not as used in the Privacy Rule.)	While "access" deals with your practice's information and information systems, "access" can also refer to the means necessary to enter upon premises (such as real property, buildings, and rooms therein) where your ePHI is processed and stored.
Access List	NIST IR 7298 (R 1)	Roster of individuals authorized admittance to a controlled area.	While "controlled area" implies premises (such as real property, buildings, and rooms therein), another type of "access list" can refer to a roster of individuals

Showing 1 to 98 of 98 entries

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HHS - Risk Assessment Tool

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**A01**

§164.308(a)(1)(i) - Standard  
Does your practice develop, document, and implement policies and procedures for assessing and managing risk to its ePHI?

☐ Yes ☒ No ☐ Flag

Which best explains your reason for answering NO:

☒ Cost ☐ Practice Size ☐ Complexity ☐ Alternate Solution

Current Activities	Notes	Remediation

With respect to a threat/vulnerability affecting your ePHI:

Likelihood: ☒ Low ☐ Medium ☐ High

Impact: ☒ Low ☐ Medium ☐ High

**Navigator**

Navigator	Complete/Total
Maintaining Your Security Program	4/21
Identifying Your Assets	0/3
Administrative	0/1
A03	X
Physical	0/2
PH19	X
PH25	X
Technical	0/0
Managing Access to Your Assets	0/30
Managing the Integrity of Your ePHI	3/12
Managing Your Media	3/8
Administrative	0/0
Physical	3/7
Technical	0/1
T10	X
Managing Your Facilities	1/14
Managing Your Workforce	0/9
Educating Your Workforce	0/11
Managing Your Vendors	0/9
Continuing Your Operations	
When Emergencies Occur	0/20
Auditing Your Operations	0/14
Managing Incidents	0/5

[www.HealthIT.gov/security-risk-assessment](http://www.HealthIT.gov/security-risk-assessment)

# Providing Feedback.....



HealthIT.gov > For Providers & Professionals > Privacy & Security > Security Risk Assessment > Comments

Print | Share

## Security Risk Assessment

Integrating Privacy & Security Into Your Medical Practice

Health Information Privacy and Security: A 10 Step Plan

Health IT Privacy and Security Resources

Mobile Device Privacy and Security

Model Notices of Privacy Practices

Patient Consent for eHIE

Privacy & Security Training Games

Security Risk Assessment

Security Risk Assessment Tool

### Comments

#### How can I provide comments?

ONC is asking users to provide comments regarding their use of the Security Risk Assessment (SRA) Tool. These comments will be used to improve future versions of the SRA Tool.

Comments will be accepted from Friday, March 28<sup>th</sup> to Monday, June 2<sup>nd</sup>.

[\*] denotes required fields



#### Security Risk Assessment Tool Web Event

It's been about a month since HHS released the Security Risk Assessment (SRA) Tool on March 28th of this year. Since then ONC has received many suggestions, comments and questions. This webinar is designed to review the current state of the tool, discuss some of the known issues and ONC's plan to address those identified issues and answer questions from users across the country.

ONC is looking forward to hearing from the SRA Tool's user community.

[Register here](#) and join us at – on April 29th 2014 from 2 – 3:30 pm EDT.

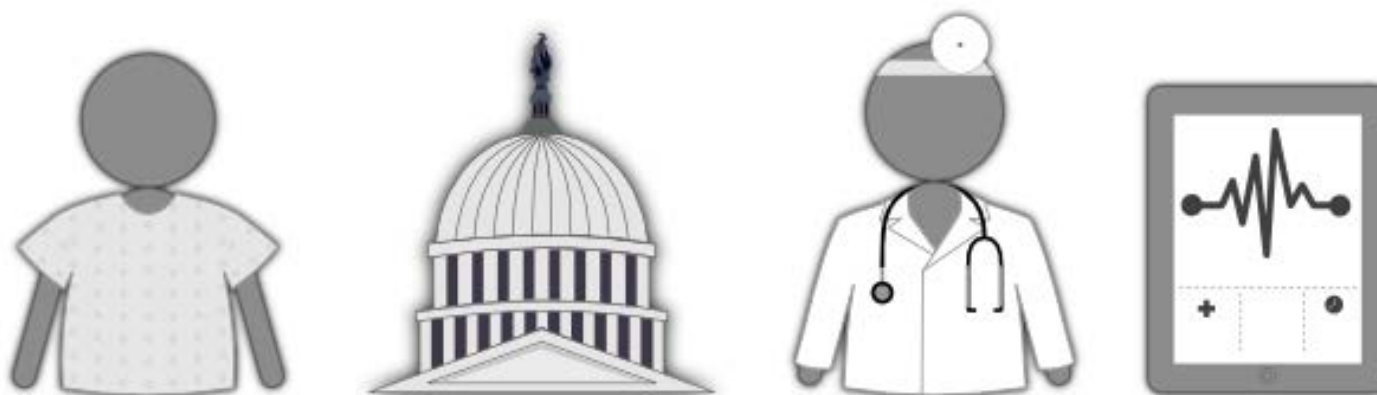
First and Last Name

[www.HealthIT.gov/providers-professionals/security-risk-assessment-tool-comments](http://www.HealthIT.gov/providers-professionals/security-risk-assessment-tool-comments)



- Risk Assessment versus Risk Analysis
- Windows 8.1 download issues
- Unknown publisher/digital certificate issue
- More context on likelihood and impact
- No Mac version or other platforms
- Language is unclear
- X issue on glossary
- Needs Multi-site functionality

# We're All In This Together



**Everyone has a role in protecting and securing health information**



# Download the Full Infographic Today!



<http://www.healthit.gov/policy-researchers-implementers/everyone-has-role-protecting-and-securing-health-information>