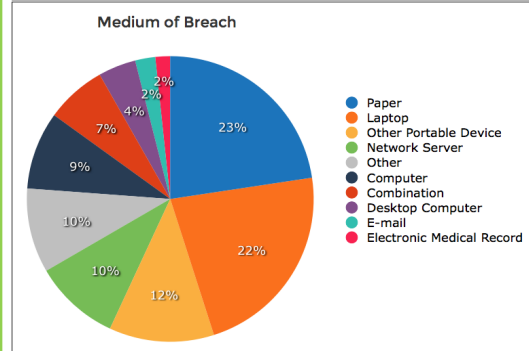
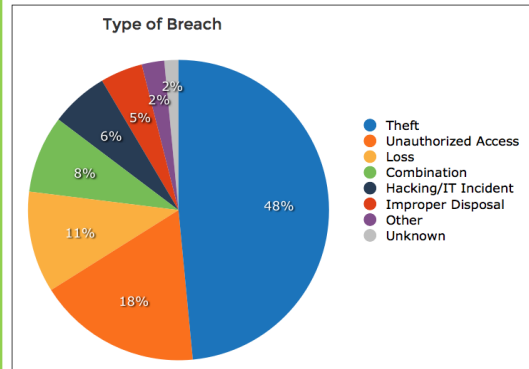


1 Problem

What	Problem(s)	Loss of patient HIPAA data
When	Date	February 2010 - September 2013
	Different, unusual, unique	Most data loss due to theft
Where	Facility, site	United States
	Unit, area, equipment	Patient health records
	Task being performed	Recording, transferring or storing patient data

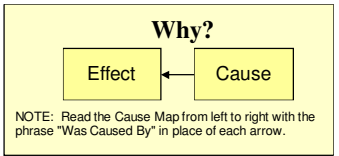
Impact to the Goals	
Patient Safety	Possible impact to patient care
Employee Safety	Possible action against employees
Compliance	HIPAA Breach
Patient Services	Loss of patient data
Property/ Equipment	Loss of patient data
Labor/ Time	Notification, recovery, recreation of records

Frequency: 26.8 million individuals affected since Feb 2010

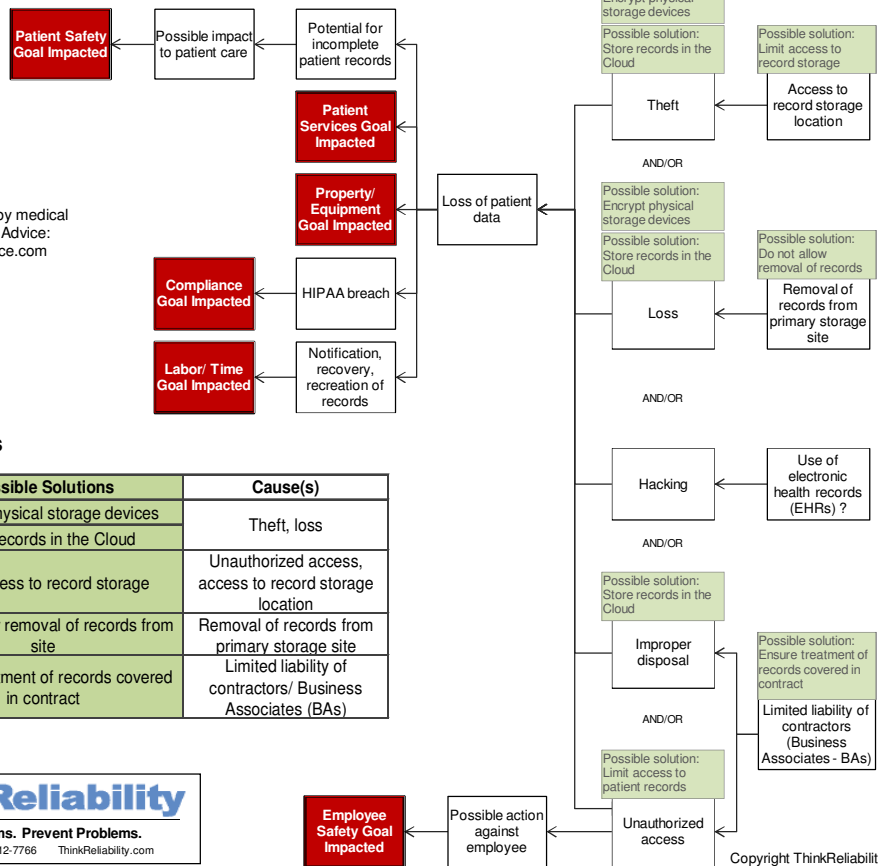


Data
Breach analysis and graphs created by medical software research resource Software Advice: <http://profitable-practice.softwareadvice.com>

Analysis of Causes of Patient Data Breaches United States February 2010 - September 2013



2 Analysis



3 Solutions

No.	Possible Solutions	Cause(s)
1	Encrypt physical storage devices	Theft, loss
2	Store records in the Cloud	Theft, loss
3	Limit access to record storage	Unauthorized access, access to record storage location
4	Do not allow removal of records from site	Removal of records from primary storage site
5	Ensure treatment of records covered in contract	Limited liability of contractors/ Business Associates (BAs)



Cause Mapping is a Root Cause Analysis method that captures basic cause-and-effect relationships supported with evidence.

