
# Federal Contingency Planning with RSA Archer Business Continuity Management

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# Introduction

- Patrick Potter, GRC Strategist
  - 20 years as BCM practitioner and consultant
- Chris Hoover, GRC Strategist
  - 15 years in federal Information Assurance
  - SME driving federal solution offerings for RSA Archer

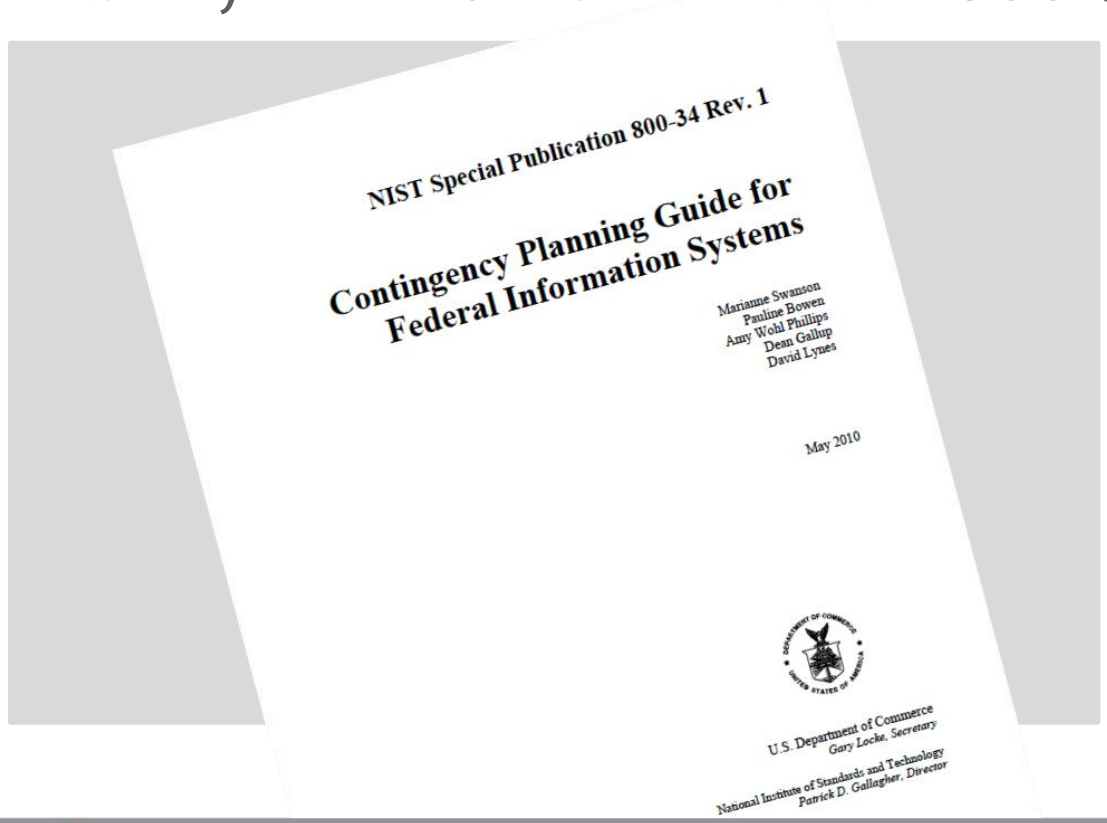
# Contingency Planning

Coordinated strategy involving plans, procedures, and measures to enable the recovery of information systems, to continue or resume operations and data after a disruption. May include:

- Restoring information systems using alternate equipment
- Performing some/all of the affected business processes using alternate processing (manual) means (typically for short-term disruptions)
- Recovering information systems operations at an alternate location (for long–term disruptions)
- Implementing of appropriate contingency planning controls based on the information system's security impact level

# Contingency Planning

- Primary CP guidance: NIST SP 800-34
- CP family of controls in NIST SP 800-53




| Control Number | Control Name |
|---|---|
| CP-1 | Contingency Planning Policy and Procedures |
| CP-2 | Contingency Plan |
| CP-3 | Contingency Training |
| CP-4 | Contingency Plan Testing |
| CP-5 | Withdrawn |
| CP-6 | Alternate Storage Site |
| CP-7 | Alternate Processing Site |
| CP-8 | Telecommunications Services |
| CP-9 | Information System Backup |
| CP-10 | Information System Recovery and Reconstitution |
| CP-11 | Alternate Communications Protocols |
| CP-12 | Safe Mode |
| CP-13 | Alternative Security Mechanisms |

# Resilience

- the ability to quickly adapt and recover from any known or unknown changes to the environment
- a resilient organization strives to continue mission essential functions at all times during any type of disruption

# Contingency Planning

- Develop the Contingency Planning Policy Statement
- Conduct the Business Impact Analysis (BIA)
  - Determine Business Processes and Recovery Criticality
  - Identify Resource Requirements
  - Identify System Resource Recovery Priorities
  - Identify Preventive Controls

# Create Contingency Plans

- Business Continuity Plan (BCP)
- Continuity of Operations (COOP) Plan
- Crisis Communications Plan
- Critical Infrastructure Protection (CIP) Plan
- Cyber Incident Response Plan
- Disaster Recovery Plan (DRP)
- Information System Contingency Plan (ISCP)
- Occupant Emergency Plan (OEP)

# Create Contingency Strategies

- Backup and Recovery
- Backup Methods and Offsite Storage
- Alternate Sites
- Equipment Replacement
- Cost Considerations
- Roles and Responsibilities

# Managing Plans

- Plan Testing, Training, and Exercises (TT&E)
  - Testing
  - Training
  - Exercises
  - TT&E Program Summary
- Plan Maintenance

# Activation and Notification

- Activation Criteria and Procedure
- Notification Procedures
- Outage Assessment

# Recovery and Reconstitution

- Sequence of Recovery Activities
- Recovery Procedures
- Recovery Escalation and Notification
- Reconstitution

# Other Tools

- Must buy separate modules for BIAs, Risk Assessments, BC plans, DR plans and Crisis Management
- Lacks reporting functions, must be tied to an external product like Crystal Reports
- The complexity of some reports' layout and data requirements can require a deep understanding of databases and Crystal Reports itself

# How RSA Archer Can Help

# Demo

# Integrating with Other Archer Solutions

# Integrating with Other Archer Solutions

- Assessment & Authorization (A&A)
  - A&A (C&A) team and Contingency team can share data on same platform and same DB
  - CP controls assessed and remediated here
  - Control assessor can see plans, test and exercise dates, other contingency details
  - Boundary defined in A&A allows CP activities by Information System

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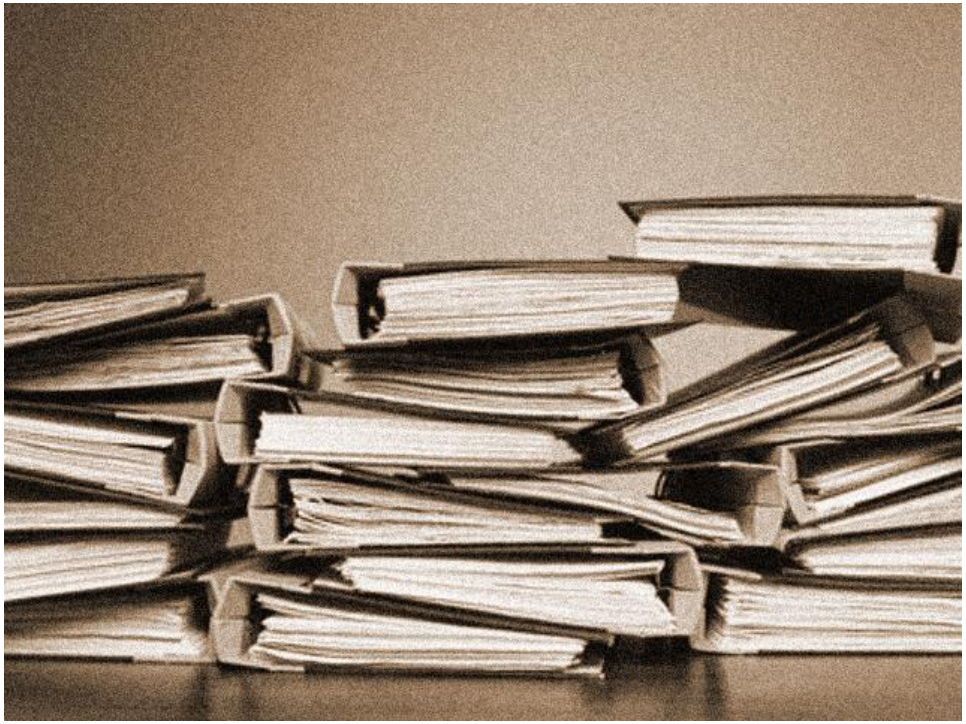
# Integrating with Other Archer Solutions

- Incident – share incident, recovery, after-action data
- Vendor – weigh vendor agreements in recovery process, supply chain management

# In ye Olden Times…

COOP plans required

DR plans required

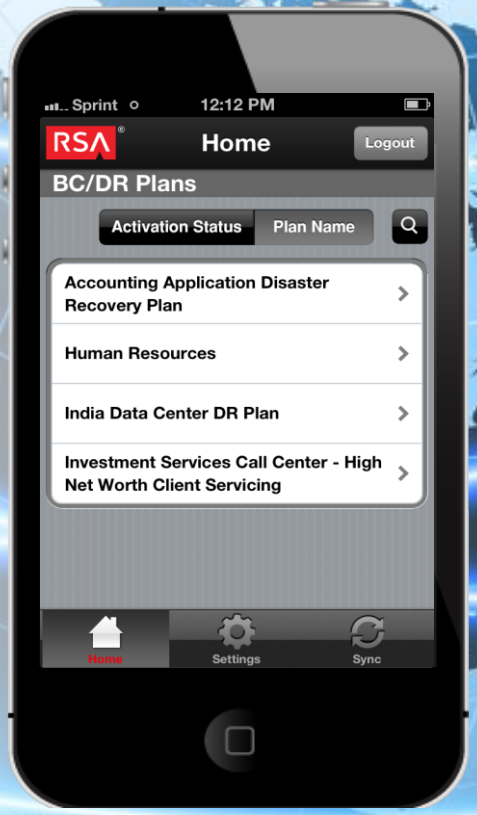


# Who Has the Binders? Protect the Binders!

# What if You Didn't Need the Binders?

# RSA Archer BCM Mobile

- BCM Mobile Application for iPhone and iPad enables users to view business continuity or disaster recovery plans and associated strategies, tasks, calling trees, and requirements
- Key technical features:
  - Secure authentication
  - Off-line availability of encrypted data
  - Click to call, email, and text functionality from the app
  - Regular data synchronization
  - URI convenience



# Summary

- All in one solution combines BC, DR and CM
- Use Archer to link your CP processes with other security activities
- One platform enables data integration, ease of reporting and Plan printing
- Leverage mobile technologies

# Questions?

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# Come See Us at RSA Conference 2014

- Our entire GRC Strategist team will be present.
- Stop by and say “Hi”, we are in the center booth of the expo
- Details and registration at: www.rsaconference.com
- February 24-28, 2014
- Moscone Center – San Francisco, CA

# Come See Us at CPM East

- Patrick Potter will be speaking May 13
- RSA Archer will have a booth
- May 13 – 14
- Walter E Washington Convention Center – Washington DC

# Upcoming RSA Archer Events & Webcasts

- RSA Archer GRC Summit: June 10-12 in Phoenix, AZ
- 2/13 @ 11am EST: Third Party Supply Chain Risk Mgmt.
- Register on the RSA public website or Archer Community
  http://www.emc.com/campaign/global/rsa/rsa-webcast.htm
- Webcast **replays** are available on same public website

# THANK YOU

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