



RSA

Sustaining Trust in the Digital World

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IN 2011 THE DIGITAL UNIVERSE WILL SURPASS
1.8 ZETTABYTES

1,800,000,000,000,000,000,000

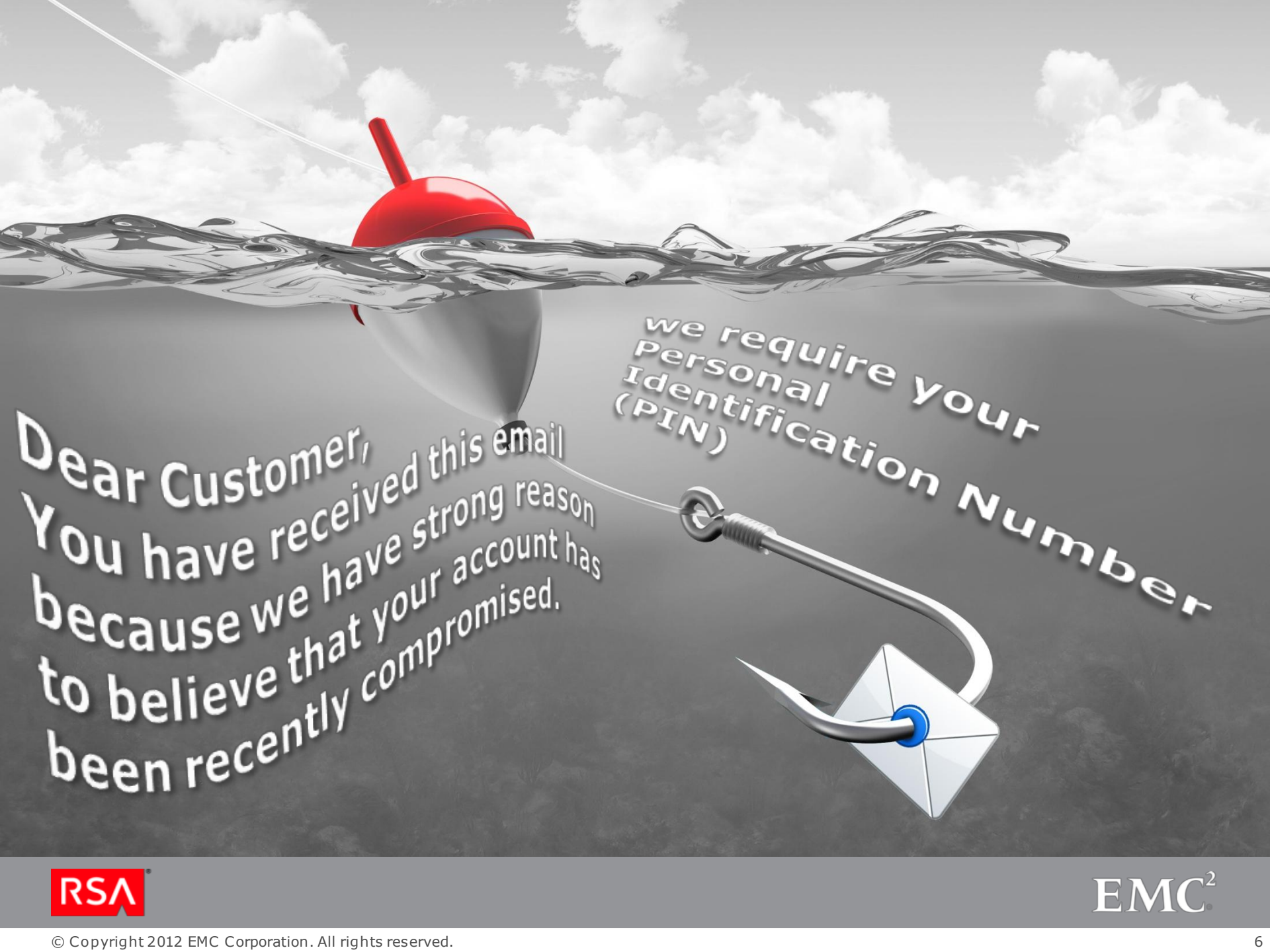






Advanced Threats





Dear Customer,
You have received this email
because we have strong reason
to believe that your account has
been recently compromised.

We require your
Personal
Identification Number
(PIN)





People

are the New Perimeter



Threat Landscape

60% OF
FORTUNE 500

had email
addresses
compromised
by malware

Source : RSA Security Brief, February 2011 "Malware and the Enterprise"



Threat Landscape

88% of Fortune 500 had
BOTNET ACTIVITY
associated with their networks

Source : RSA Security Brief, February 2011 "Malware and the Enterprise"



Threat Landscape

Of the 60 million variants
of malware in existence today

ONE-THIRD

were created last year alone



Source : RSA Security Brief, February 2011





Persistent

Dynamic

Intelligent



Must learn to live in a
state of compromise

Constant compromise does not mean constant loss



Advanced Security



Advanced Security Systems



Response Versus Operations

Today's Processes Do Not Address Advanced Threats



- Rules-based
- Siloed
- Audited



- Risk-based
- Contextual
- Agile

Threats Value Vulnerability



1
Risk-based



2

Contextual



Contextual View

External Intelligence

Network Intelligence

Environmental data



```
<12 B0> <40 00> <80 06> <AA 52>  
<05 14> <12 B0> <40 00> <80 06>
```

Event Data

```
y inbound (No xlate) tcp src outside 6 2011/
```



3
Agile



Continuous
Monitoring



Adaptive

Pervasive



RSA Approach



GOVERNANCE

Manage Business Risk,
Policies and Workflows



ADVANCED VISIBILITY AND ANALYTICS

Collect, Retain and Analyze Internal
and External Intelligence



INTELLIGENT CONTROLS

Rapid Response and Containment



Cloud



Network



Mobility



RSA Approach



GOVERNANCE

- RSA Archer eGRC Suite



ADVANCED VISIBILITY AND ANALYTICS

- RSA SA
- RSA DLP Suite
- RSA SA Live
- RSA FraudAction
- RSA CCI
- RSA eFraud Network



INTELLIGENT CONTROLS

- RSA Adaptive Authentication
- RSA Access Manager
- RSA SecurID
- RSA Transaction Monitoring
- RSA Federated Identity Manager
- RSA Data Protection
- RSA DLP Suite
- RSA BSAFE



RSA Approach



GOVERNANCE • **RSA Archer eGRC Suite**



ADVANCED VISIBILITY AND ANALYTICS

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INTELLIGENT CONTROLS

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Defining GRC

Compliance: The act of adhering to, and demonstrating adherence to, external laws and regulations as well as corporate policies and procedures.



Governance: The culture, objectives, processes, policies, and laws by which companies are directed and managed.

Risk: The likelihood and impact of something happening that will have an effect on achieving objectives.

GRC: Law Enforcement Analogy



Governance = Setting the rules



Risk = Ensuring the correct rules are in place and functioning



Compliance = Measuring the effectiveness of the rule

GRC: People, Process and Technology

People



Technology



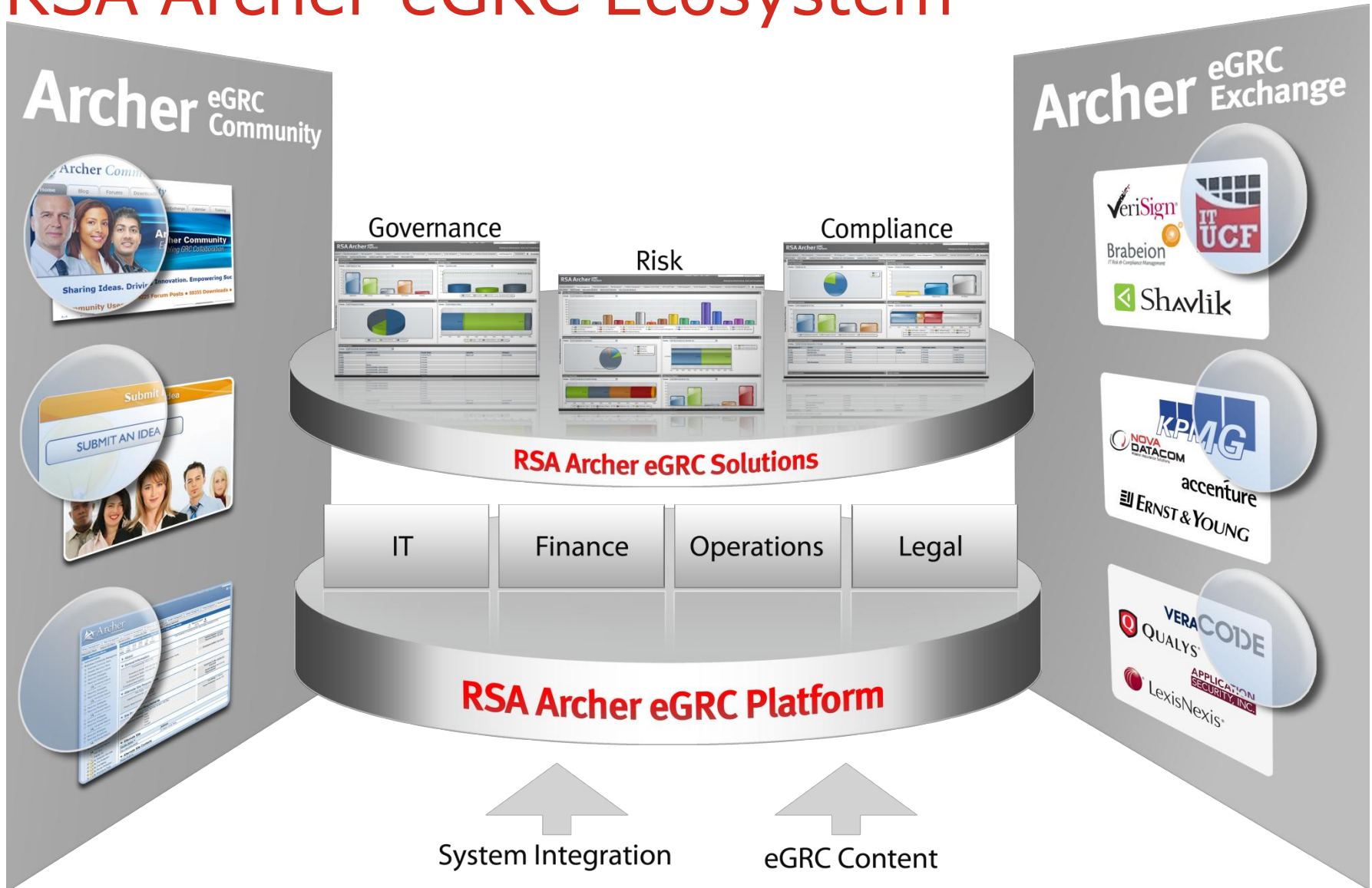
Process



The Language of GRC

	IT	Finance	Operations	Legal
Control	strong passwords	segregation of duties	product testing	trademark
Risk	unauthorized access	fraud	unsatisfied customers	brand dilution
Incident	data breach	missing money from cash drawer	high error rate	infringement
Threat	hacking	theft	ineffective tests	competitive
Asset	information	cash	quality	brand

RSA Archer eGRC Ecosystem



RSA Archer eGRC Solutions

Audit Management

Centrally manage the planning, prioritization, staffing, procedures and reporting of audits to increase collaboration and efficiency.

Policy Management

Centrally manage policies, map them to objectives and guidelines, and promote awareness to support a culture of corporate governance.

Business Continuity Management

Automate your approach to business continuity and disaster recovery planning, and enable rapid, effective crisis management in one solution.

Threat Management

Track threats through a centralized early warning system to help prevent attacks before they affect your enterprise.

Vendor Management

Centralize vendor data, manage relationships, assess vendor risk, and ensure compliance with your policies and controls.

Incident Management

Report incidents and ethics violations, manage their escalation, track investigations and analyze resolutions.

Risk Management

Identify risks to your business, evaluate them through online assessments and metrics, and respond with remediation or acceptance.

Compliance Management

Document your control framework, assess design and operational effectiveness, and respond to policy and regulatory compliance issues.

Enterprise Management

Manage relationships and dependencies within your enterprise hierarchy and infrastructure to support GRC initiatives.



RSA Archer Enterprise Management

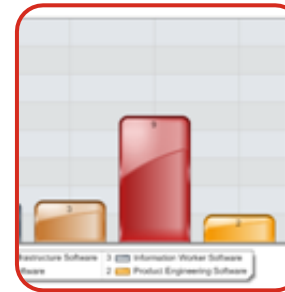
Manage relationships and dependencies within your business hierarchy and operational infrastructure to support eGRC initiatives.



Document the Business Hierarchy



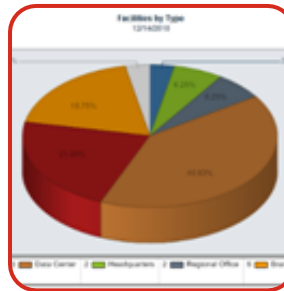
Identify Application that Support Processes



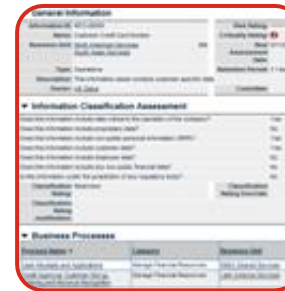
Relate Processes to Products and Services



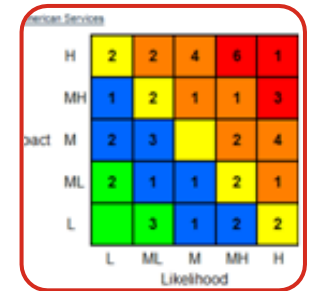
Manage Devices and Facilities



Track Information Assets



Monitor eGRC across the Business



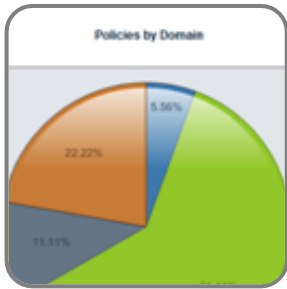
A major benefit that we've seen since implementing [RSA] Archer is more information transparency.

Senior Vice President of Enterprise Risk,
Financial Services Client

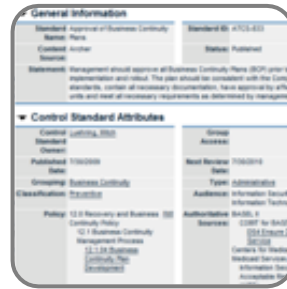
RSA Archer Policy Management

Centrally manage policies and standards, map them to objectives and guidelines, and promote awareness to support a culture of corporate governance.

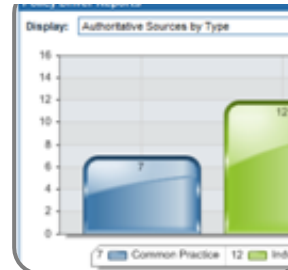
Author Policies



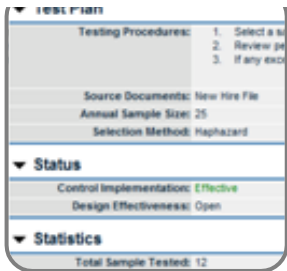
Leverage Best-Practice Control Standards



Map to Authoritative Sources



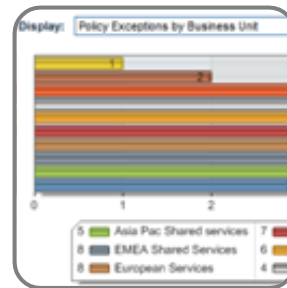
Document Control Procedures



Communicate to Employees



Track Exception Requests



"The [RSA] Archer Policy Management solution will give us an even more comprehensive tool to effectively management standards and regulations as we continue to actively pursue the highest level of compliance in our organization and for our customers."

Senior VP of Information Security, Financial Services Client



RSA Archer Risk Management

Identify risks to your business, evaluate them through online assessments and metrics, and respond with remediation or acceptance.

Catalogue Risks



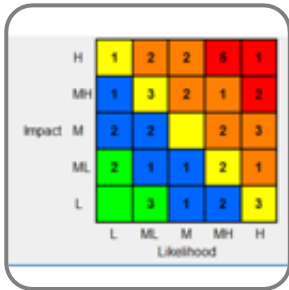
Perform Risk Assessments



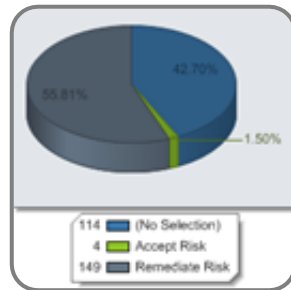
Evaluate Inherent and Residual Risk



Monitor Operational Risk



Track Risk Treatment



Manage Risk Program



Analysis that previously required months of research can be done in minutes and in much greater detail, leading to a 97.5% cost reduction in the risk analysis process.

Director of Information Security, Insurance Client



RSA Archer Compliance Management

Document your control framework, assess design and operational effectiveness, and respond to policy and regulatory compliance issues with remediation or waivers

Document Your Control Framework

Procedure ID: CP-440
 Procedure Name: Background Checks
 Description: The Human Resource Ad...
 • Two (2) satisfac
 • Confirmation of a
 • Investigation of a
 • A check of polic
 • A drug test
 Procedure Owner: Glasco, Jeff
 Tester: Barth, Scott
 Scoping: In Scope

Test Process Control Activities

▼ Test Results

Control Self Assessments

Assessment ID	Overall Status
19252	Approved
21992	Awaiting Review

Design Test Results

Test ID	Overall Status
447	Approved
26303	Approved
32388	Approved

Operating Test Results

Test ID	Overall Status
19259	Approved
26304	Approved

Test Technical Control Baselines

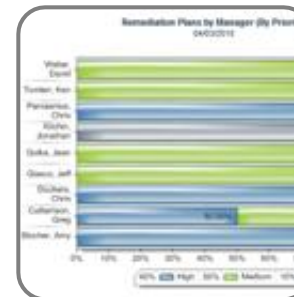


Automate Control Assessments

Assessment Work Queue

Assessment ID	Control Procedure	Overall State
19253	CP-31742	In Process
21997	CP-440	Awaiting Review
30327	CP-31742	In Process
112882	CP-31746	In Process
112823	CP-31746	In Process
116262	CP-440	In Process
116271	CP-31746	In Process
116273	CP-31747	In Process
130879	CP-39289	In Process

Manage Deficiencies



Report on Overall Compliance



“Where before you might manage work in two or three places, with [RSA] Archer you have one place to manage all of your work. People are completing audits, not focusing on administration tasks.”

SOX Consultant, Insurance Client

RSA Archer eGRC Platform

Enable governance, risk and compliance processes with automation, workflow and reporting with an extensible, business driven platform.

No-code
Application Builder



Flexible Reports
& Dashboards



Extensive Access
Control



Page Name	Create	Read	Update
User Accounts All	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Locked Accounts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
User Activity Log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security Parameter Properties	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access Control Rights by Role	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access Control Rights by User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security Events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Failed Login Attempts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Application Owners	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sub-System Owners	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Members by Group	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Workflow &
Notifications



Ease of
Integration



Brand your
User's



"The [RSA] Archer eGRC platform gives our company the extensibility to implement the Archer solutions as well as a vehicle to automate processes quickly and effectively combining activities into a holistic R program."

Senior VP of Information Security, Financial Services Client



Thank you

