M019 Maintenance Report

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SECURING
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CYBERSPACE

M019 Maintenance Report

1 March 2023

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Document Change Log

RELEASE	DATE	PAGES AFFECTED	REMARKS/CHANGE REFERENCE
d1	17 Feb 2023	All	Initial draft
v1	1 March 2023	All	Final version

Table of Contents

1   Introduction

1   The TOE is the Archer Suite v6.11.0.3 with the Archer IRM Mobile V1.4. It comprises software that supports business-level management of governance, risk management, and compliance (GRC). It enables organizations to build an efficient, collaborative enterprise GRC program across IT, finance, operations and legal domains. It supports organizations in managing risk, demonstrating compliance, automating business processes, and gaining visibility into corporate risk and security controls.

2   As the foundation for all Archer Suite Solutions, the Suite allows users to adapt the solutions to their requirements, build their own applications, and integrate with other systems without touching code.

3   The Content API, Web Services API, Mobile App API and RESTful APIs programmatically extend the functionality of the TOE to external applications through several classes and methods which expose many of its features, allowing for a high level of integration with other products. All users must be successfully identified and authenticated by the TOE before gaining access to any other TOE services.

4   The TOE provides capabilities to configure minimum strength requirements (e.g., minimum length, required character sets) for passwords. The TOE can be configured to track the number of consecutive failed authentication attempts and block further authentication attempts for a configurable time period when the configured threshold has been met. The TOE will terminate interactive sessions that have been idle for a configurable period of time. The TOE also able to generate audit records of security-relevant events occurring on the TOE and provides administrators with the ability to review audit records stored in the audit trail.

5   The purpose of this document is to enable developers to provide assured products to the IT consumer community in a timely and efficient manner against the certified and updated version of the TOE as in Table 1 identification below.

Table 1 – Identification Information

Assurance Maintenance Identifier	M019
Project Identifier	C124
Evaluation Scheme	Malaysian Common Criteria Evaluation and Certification (MyCC) Scheme
Impact Analysis Report	Archer Suite v6.11.0.3 with the Archer IRM Mobile V1.4 Impact Analysis Report, Version 1.3 14 February 2023
New TOE	Archer Suite v6.11.0.3 with the Archer IRM Mobile V1.4
Certified TOE	Archer Suite v6.9.1.2 with Archer IRM Mobile V1.4
New Security Target	Archer Suite v6.11.0.3 with the Archer IRM Mobile V1.4 Security Target, Version 1.0 29 November 2022

Evaluation Level	EAL2 Augmented (ALC_FLR.2)
Evaluation Technical Report (ETR)	Evaluation Technical Report Archer Suite V6.9.1.2 with Archer IRM Mobile Application V1.4, V1.1 13 April 2022
Criteria	Common Criteria for Information Technology Security Evaluation, Part 1: Introduction and general model, April 2017, Version 3.1, Revision 5
	Common Criteria for Information Technology Security Evaluation Part 2: Security Functional Components, April 2017, Version 3.1, Revision 5
	Common Criteria for Information Technology Security Evaluation Part 3: Security Assurance Components, April 2017, Version 3.1, Revision 5
	Assurance Continuity: CCRA Requirements version 2.1, June 2012
Methodology	Common Evaluation Methodology for Information Technology Security Evaluation, April 2017, Version 3.1 Revision 5
Common Criteria Conformance	CC Part 2 Conformant
	CC Part 3 Conformant
	Package conformant to EAL2 Augmented (ALC_FLR.2)
Protection Profile Conformance	None
Sponsor	Leidos Inc.
	6841 Benjamin Franklin Drive Columbia, MD 21046, United States of America
Developer	RSA
	10700 Parkridge Blvd, Reston, VA 20191, United States of America

2   Description of Changes

6   RSA has issued a new release of the Archer Suite v6.11.0.3 with the Archer IRM Mobile V1.4. There were a series of minor updates to the Archer Suite since its certification version 6.9.1.2 on 29 April 2022 and have no changes to the Archer IRM Mobile V1.4.

2.1   Changes to the product associated with the certified TOE

7   The following features have been added in RSA Archer Suite v6.11.0.3. The details changes have been documented in the Impact Analysis Report (IAR).

Table 2 – General changes/additions

Version	Description of Changes	Rationale	Impact
Archer Release 6.10	Archer Release 6.10 includes updates to the Archer use cases.	The updates do not affect the Security Functional Requirements of the TOE	CB consider it as **Minor**
	Archer Operational Scenario Analysis use case includes the following additions:		
	Operational Scenario Library provides a catalogue of Operational Scenario templates that can be used to automate the creation of scenario records.		
	Enhanced BIA Campaign enables the bulk creation of BIA records in the **Business Impact Analysis** use case by either business processes, products and services, or business unit.		
	Resilience ratings and percentages for each of the five resilience pillars - cyber, facilities, IT infrastructure, people, and suppliers. These metrics are calculated at the product and service, business unit, division, and company level.		
	• Application Builder enhancements:		
	o Within the Rules Tab, users can create and copy actions from the Associated Actions section.		
	o From the Actions tab, users can associate, create, and copy rules from the Associated Rules Section.		
	o A Conditional Layout Action can be applied by Admins to expand or collapse all sections/fields within the Layout Configuration Section with a single click.		
	o Navigate from Application Listing to Designer Tab directly by		

Version	Description of Changes	Rationale	Impact
	clicking on the name of the Structure Display. ○ Copying an application with Custom Nodes alerts Admins that the system will not copy these workflows. ○ Licensing Information is available to Admins and uses new React technology. • Reporting enhancements: ○ Sankey Charts provide visualization of the relationship between two entities with respect to their weighted distribution. This chart type is only available when search results return two groups and one aggregate. ○ Combination Charts have been updated to include chart markers to enable visualization of thresholds for individual data points. The second aggregate within the search is treated as a marker. ○ Custom colors are available on Tree Maps, Sunburst and other charts with drilldown option.		
Archer Release 6.11	Archer Release 6.11 includes enhancements for Archer Use Cases and the Archer Platform. Release 6.11 focuses on Operational Resilience capabilities for third parties with updates to the following Use Cases: • Archer Third Party Governance use cases: ○ The Archer Third Party Engagement use case includes updates to the 4th Parties application, (which has been renamed Subcontractors) providing the ability to catalog vendors from the 4th to Nth party using internal references. An initial risk assessment was added to the use case to calculate risk levels based on responses.	The updates do not affect the Security Functional Requirements of the TOE	CB consider it as **Minor**

Version	Description of Changes	Rationale	Impact
	o The Archer Third Party Risk Management use case has been updated to add a Third Party Resilience Assessment consisting of questions across each of the five resilience pillars (cyber, IT infrastructure, facilities, people, and suppliers). Responses to questions in each section are used to calculate a resilience rating, which is aggregated to an overall resilience rating for each third party. This assessment has been preconfigured to operate with Archer Engage for Vendors. o The Archer Third Party Governance use case includes updates to the Third Party Metrics and Third Party Metrics Results applications to use red, amber, and green numeric and qualitative thresholds. This provides more granularity to metrics results than that of the traditional pass/fail methodology. An added data feed automates the creation of Third Party Metrics Results prior to the next assessment date. Third Party Metrics Results is preconfigured to operate with Archer Engage for Vendors. o Results of the Third Party Resilience Assessment and Third Party Metrics application roll up to the supplier resilience pillar at the business unit, division, and company levels to impact the resilience rating. • Archer Operational Resilience use cases: o The Archer Operational Scenario Analysis use case has been updated to incorporate additional dependencies that can be scoped for a Business Processes - focused business impact analysis (BIA), such as devices, applications, facilities, third parties, stakeholders. The Operational Scenario Analysis use case, Third Party Resilience Assessment, and Third Party Metrics application		

Version	Description of Changes	Rationale	Impact
	now all impact the Supplier Resilience Ratings at the business unit, division, and company level. ○ The Archer Business Impact Analysis use case has been updated with additional dependencies for the Business Impact Analysis application that can be scoped for a Business Processes-focused business impact analysis (devices, applications, facilities, third parties, stakeholders). • The Archer Enterprise Catalog package has been updated to enable the above changes to Archer Third Party Governance and Archer Operational Resilience use cases. Updates were made to the business unit, division and company applications to add data points that impact the Supplier Resilience Rating. The Products & Services application was updated to utilize the Sankey chart, enabling users to visualize relationships between third parties and critical products and services. • The Archer Operational Risk Management use case Custom Control capabilities have been retired with Archer Release 6.11. The custom control was replaced with a report object in version 6.9.2. Customers with the legacy Operational Risk Management use case will no longer be able to add or use the ORM Custom Control within the Self-Assessment application in 6.11. Those who have not updated the Operational Risk Management use case to the latest version via packaging will no longer be able to load or view the record page containing the Operational Risk Management Custom Control in the Self-Assessment application. If you are using the ORM Custom Control, please contact Archer Support for instructions on upgrade.		

Version	Description of Changes	Rationale	Impact
	This release includes the following Archer Platform enhancements: • Application Builder enhancements: o Auto-save, when selected, will automatically save unsaved changes when a user navigates away from an Application Builder tab to another. With Autosave enabled, the floating Save and Discard buttons are still shown to the user. The user is able to save or discard the unsaved changes before navigating away from tabs. Each user can set the option independently, to remain in effect for the current login session. o Administrators can filter columns in the grid view of Rules and Actions listing pages to narrow the list of Rules and Actions, respectively. Admins can also quickly identify all fields on which actions are applied for the Apply Conditional Layout action. o Administrators can edit the formula of a calculated field from the Calculation tab. o Application Builder emphasizes unsaved changes by highlighting the selected field and displaying a warning for unsaved changes before administrators are able to navigate away to another screen. o Search and Quick Filters are now available in a Minimized Panel for Rules, Actions, Questionnaire - Campaign, Questionnaire - Answer Lists, and Questionnaire - Display Rules. This provides a consistent experience across all minimized listing panels in Application Builder. o Archer Engage Publish Configuration within Application Builder provides a user-friendly method to map fields for publishing assessment and application records to Archer Engage. Administrators no longer need to use a custom object to publish records to the Engage portal. Admins can now click an Enable Engage checkbox on the		

Version	Description of Changes	Rationale	Impact

	Application or Assessment Properties tab and configure the field mapping on a new Engage tab.
	
	• Reporting enhancements:
	
	  ○ New Dependency Wheel chart type provides a variation to the Sankey chart and provides visualization of weighted links between entities that are placed on the same level showing a multi-directional flow.
	  ○ Two new Bubble chart variations, the Packed Bubble and the Split Packed Bubble, are available when aggregating the statistical search on one field and grouping it into two fields.
	  ○ The Sankey chart has been enhanced to improve chart readability and includes up to five pillars in the chart which is dependent on the number of groups in the statistical search. The Sankey chart supports up to 10 entities per pillar.
	  ○ Chart legend, labels and data are now resized automatically based on the size of the window or browser.
	  ○ Chart color selection improvements:
	
	    – Users can select a new color palette or select custom RGB color values.
	
	    – A limited selection of colors allows for greater ease of use.
	
	    – The chart library ensures that adjacent data points do not use the same color.		

2.2   Changes to the SFRs claimed in the ST

8   The changes that have been made do not affect the Security Functional Requirements (SFRs) in the ST (Ref [2]). The lists of changes have been documented in the Impact Analysis Report (IAR) (Ref [2]).

Table 3 – SFR Mapping

SFR	Changes (Yes/No)	Description of Changes	Impact	Rationale
FAU_GEN.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FAU_GEN.2	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FAU_SAR.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FAU_SAR.2	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FAU_SAR.3	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FDP_ACC.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FDP_ACF.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FIA_AFL.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FIA_ATD.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FIA_SOS.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FIA_UAU.2	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.

SFR	Changes (Yes/No)	Description of Changes	Impact	Rationale
FIA_UAU.5	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FIA_UAU.6	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FIA_UID.2	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FMT_MOF.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FMT_MSA.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FMT_MSA.3	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FMT_MTD.1(1)	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FMT_MTD.1(2)	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FMT_REV.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FMT_SMF.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FMT_SMR.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FTA_SSL.3	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.

SFR	Changes (Yes/No)	Description of Changes	Impact	Rationale
FTA_SSL.4	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FTA_TAB.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.
FTA_TSE.1	No	No changes have been made to this SFR.	Minor	No functionality changes have been made that affect this SFR.

3   Affected Developer Evidence

9   The affected developer evidence submitted for the assurance continuity required by the CCRA Assurance Continuity: CCRA Requirements Version 2.1 (2012-06-01) June 2012 (Ref [4]) are as below:

Table 3 – Affected Developer Evidence

Evidence Identification	Description of Changes	Rationale	Impact
Security Target: Archer Suite v6.9.1.2 with Archer IRM Mobile V1.4 Security Target Version 1.0 April 8, 2022	**Maintained Security Target:** Archer Suite v6.11.0.3 with Archer IRM Mobile V1.4 Security Target Version 1.0 November 29, 2022 Changes in the maintained ST are: • Title Page: Updated ST title • Section 1: Updated TOE name • Section 1.1 – Updated ST title • Section 1.1 – Updated identification of TOE • Section 1.1 – Updated TOE software version • Section 2.1 – Updated the TOE version number • Section 2.2.3 – Updated current supported OE. • Section 2.3 – Identified the most current documentation for the current Archer Suite v6.11.0.3. • Updated the 2.2.3 Operational Environment versions.	The changes/ update that have been made is not affecting the SFRs or functionality that was included in the scope of the previous evaluation.	CB consider it as **Minor**
Administrator Guidance:	**Maintained Administrator Guidance:** https://www.archerirm.community/t5/product-advisories/archer-	The changes/ update that have been made is not affecting the SFRs or functionality	CB consider it as **Minor**

Evidence Identification	Description of Changes	Rationale	Impact
https://community.rsa.com/t5/archer-platform-documentation/rsa-archer-6-9-sp1-online-documentation/ta-p/570852#RSAArcher6.9SP1OnlineDocumentation	announces-availability-of-archer-release-6-11/ta-p/673232	that was included in the scope of the previous evaluation.	
Development (ADV_ARC.1, ADV_FSP.2, ADV_TDS.1): Archer Suite v6.9.1.2 with the Archer IRM Mobile v1.4 Development for Common Criteria Version 0.6 February 22, 2022	**Maintained Development (ADV_ARC.1, ADV_FSP.2, ADV_TDS.1):** Archer Suite v6.11.0.3 with the Archer IRM Mobile v1.4 Development for Common Criteria Version 1.0 December 20, 2022 Changes in the maintained ADV are: • Title Page: Updated the title • Throughout the document: updated the product version • Updated the versions of the operational environment for: the Web Application, Mobile App application, the Services component, the Instance and Configuration databases, and the client computer used to access the TOE browser versions.	The changes/ update that have been made is not affecting the SFRs or functionality that was included in the scope of the previous evaluation.	CB consider it as **Minor**
Configuration Management: (ALC_CMC.2 and ALC_CMS.2)	**Maintained Configuration Management (ALC_CMC.2 and ALC_CMS.2)** Archer Suite 6.11.0.3 with the Archer IRM Mobile V1.4 Common	The changes/ update that have been made is not affecting the SFRs or functionality that was included	CB consider it as **Minor**

Evidence Identification	Description of Changes	Rationale	Impact
Archer Suite 6.9.1.2 with the Archer IRM Mobile V1.4 Common Criteria Configuration Management Document Version 0.5 April 12, 2022	Criteria Configuration Management Document Version 1.2 February 14, 2023 Changes in the maintained ADV are: • Modified version, document version, and date. • Updated section 4 all items in the Configuration Item list except Archer IRM information.	in the scope of the previous evaluation.	
Delivery Procedures (ALC_DEL.1) Archer Suite v6.9.1.2 with the Archer IRM Mobile V1.4 Common Criteria Secure Delivery Document Version 0.2 February 22, 2022	**Maintained Delivery Procedures (ALC_DEL.1)** Archer Suite v6.11.0.3 with the Archer IRM Mobile V1.4 Common Criteria Secure Delivery Document Version 1.0 December 21, 2022 Changes in the maintained Delivery Procedures document are: • Modified version, document version, and date.	The changes/ update that have been made is not affecting the SFRs or functionality that was included in the scope of the previous evaluation.	CB consider it as **Minor**
Flaw Remediation (ALC_FLR.2) Archer Suite v6.9.1.2 with the Archer IRM Mobile V1.4 Common Criteria Flaw Remediation Document Version 1.1	**Maintained Flaw Remediation (ALC_FLR.2)** Archer Suite v6.11.0.3 with the Archer IRM Mobile V1.4 Common Criteria Flaw Remediation Document Version 1.0 December 21, 2022	The changes/ update that have been made is not affecting the SFRs or functionality that was included in the scope of the previous evaluation.	CB consider it as **Minor**

Evidence Identification	Description of Changes	Rationale	Impact
February 22,2 022	Changes in the maintained Flaw Remediation document are: • Modified version, document version, and date.		
Release Notes Archer IRM Mobile Archer IRM Mobile 1.4 and Later Release Notes, June 2021	**Maintained Release Notes- Archer IRM Mobile** Archer IRM Mobile are not required because the maintained version did not change from the evaluated version.	There are no changes to the Archer IRM Mobile from previous certification	CB consider it as **Minor**
Release Notes – Archer Suite Archer 6.9.1 and Later Release Notes - Patch 5, June 2021	**Maintained Release Notes – Archer IRM Mobile** Changes in the maintained Archer Suite Release Notes is to include release notes from the evaluated TOE (v6.9.1.2) to the maintained TOE (v6.11.0.3). • Archer® Suite Version 6.9.1 and Later Release Notes, June 2021. • Archer® Suite Version 6.9.2 and Later Release Notes, August 2021 • Archer® Suite Version 6.9.3 and Later Release Notes, January 2022 • Archer® Suite Version 6.10 and Later Release Notes, March 2022 • Archer® Suite Version 6.11 and Later Release Notes, August 2022 (Incudes Patch 3)	The changes/ update that have been made is not affecting the SFRs or functionality that was included in the scope of the previous evaluation.	CB consider it as **Minor**
Test Report and Procedures Archer Suite V6.11.0.3 with the Archer ARM Mobil V1.4	**Maintained Test:** There are no security specific features or enhancement released in Archer v6.10 and v6.11.	The changes/ update that have been made is not affecting the SFRs or functionality that was included	CB consider it as **Minor**

Evidence Identification	Description of Changes	Rationale	Impact
Common Criteria Test Report and Procedures Report	The following document is a test of new functionality. Archer Suite v6.11.0.3 with the Archer IRM Mobile Ap V1.3 Common Criteria Test Report and Procedures Report Version 0.2 February 14, 2023	in the scope of the previous evaluation.	

4   Result of Analysis

10   The outcome of the review found that none of the modifications significantly affects the security mechanisms that implement the functional requirements of the Security Target (Ref [2]) as required in accordance of Assurance Continuity Procedure (Ref [4]).

11   The nature of the changes leads to the conclusion that they are classified as MINOR changes. Therefore, it is agreed based on the evidences given that the assurance is maintained for this version of the product.

Annex A   References

[1]   Archer Suite v6.11.0.3 with the Archer IRM Mobile V1.4 Impact Analysis Report, Version 1.3, 14 February 2023

[2]   Archer Suite v6.11.0.3 with the Archer IRM Mobile v1.4 Security Target, Version 1.0, 29 November 2022

[3]   Evaluation Technical Report - Archer Suite v6.9.1.2 with Archer IRM Mobile Application v1.4, Version 1.1. 13 April 2022

[4]   Assurance Continuity: CCRA Requirements Version 2.2, September 2021

[5]   Arrangement on the Recognition of Common Criteria Certificates in the field of Information Technology Security, July 2014.

[6]   Common Criteria for Information Technology Security Evaluation, Version 3.1, Revision 5, April 2017.

[7]   Common Evaluation Methodology for Information Technology Security Evaluation, Version 3.1, Revision 5, April 2017.

[8]   MyCC Scheme Requirement (MyCC_REQ), v1a, January 2023.

[9]   ISCB Evaluation Facility Manual (ISCB_EFM), v3, January 2023.

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