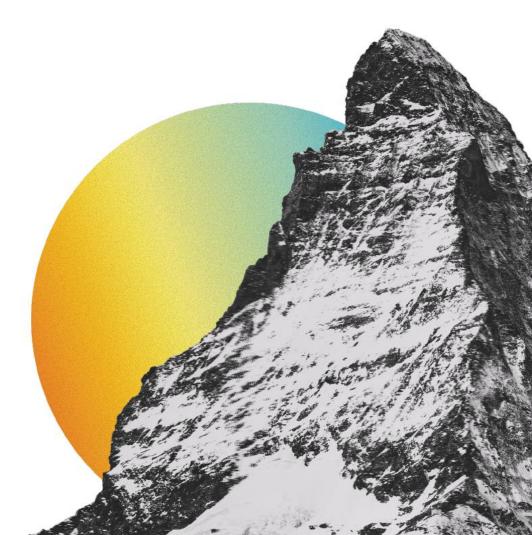


Cloud Software Group, Inc.

Payment Card Industry (PCI) Data Security Standard

2024 Attestation of Compliance





A-LIGN.COM



Payment Card Industry Data Security Standard

Attestation of Compliance for Report on Compliance - Service Providers

Version 4.0 Revision 2

Publication Date: August 2023



PCI DSS v4.0 Attestation of Compliance for Report on Compliance - Service Providers

Entity Name: Cloud Software Group, Inc.

Assessment End Date: 28 October 2024

Date of Report as noted in the Report on Compliance: 9 November 2024



Section 1: Assessment Information

Instructions for Submission

This Attestation of Compliance (AOC) must be completed as a declaration of the results of the service provider's assessment against the *Payment Card Industry Data Security Standard (PCI DSS) Requirements and Testing Procedures (*"Assessment"). Complete all sections. The service provider is responsible for ensuring that each section is completed by the relevant parties, as applicable. Contact the entity(ies) to which this AOC will be submitted for reporting and submission procedures.

This AOC reflects the results documented in an associated Report on Compliance (ROC). Associated ROC sections are noted in each AOC Part/Section below.

Capitalized terms used but not otherwise defined in this document have the meanings set forth in the PCI DSS Report on Compliance Template.

Part 1. Contact Information				
Part 1a. Assessed Entity (ROC Section 1.1)				
Company name:	Cloud Software Group (CSG)			
DBA (doing business as):	Not Applicable.			
Company mailing address:	851 W. Cypress Creek Rd., Fort Lauderdale, Florida 33309 USA			
Company main website:	https://www.cloud.com			
Company contact name:	Mustafa Kagalwala			
Company contact title:	GRC Director			
Contact phone number:	+1 (800) 242-8749			
Contact e-mail address:	mustafa.kagalwala@cloud.com			
Part 1b. Assessor				

(ROC Section 1.1)

Provide the following information for all assessors involved in the Assessment. If there was no assessor for a given assessor type, enter Not Applicable.

PCI SSC Internal Security Assessor(s)			
ISA name(s): Not Applicable.			
Qualified Security Assessor			
Company name:	A-LIGN Compliance and Security, Inc. dba A-LIGN		
Company mailing address:	400 N. Ashley Drive, Suite 1325, Tampa, Florida 33602 USA		
Company website:	https://www.A-LIGN.com		
Lead Assessor name:	Daniel Powers		
Assessor phone number:	+1 (888) 702-5446		
Assessor e-mail address: Daniel.powers@A-LIGN.com			



Assessor certificate number: 203-707						
Part 2. Executive Summary						
Part 2a. Scope Verification						
Services that were <u>INCLUDED</u> in th	e scope of the Assessment (select al	I that apply):				
Name of service(s) assessed:	CSG Citrix DaaS					
Type of service(s) assessed:						
Hosting Provider: Applications / software Hardware Infrastructure / Network Physical space (co-location) Storage Web-hosting services Security services 3-D Secure Hosting Provider Multi-Tenant Service Provider Other Hosting (specify):	Managed Services: Systems security services IT support Physical security Terminal Management System Other services (specify):	Payment Processing: POI / card present Internet / e-commerce MOTO / Call Center ATM Other processing (specify):				
Account Management	Fraud and Chargeback	Payment Gateway/Switch				
Back-Office Services	Issuer Processing	Prepaid Services				
Billing Management	Loyalty Programs	Records Management				
Clearing and Settlement	ng and Settlement I Merchant Services I Tax/Governm					
Network Provider	1	1				
Others (specify):						
•	for assistance only and are not intended					

service description. If these categories do not apply to the assessed service, complete "Others." If it is not clear whether a category could apply to the assessed service, consult with the entity(ies) to which this AOC will be submitted.



Part 2a. Scope Verification (continued)

Services that are provided by the service provider but were <u>NOT INCLUDED</u> in the scope of the Assessment (select all that apply):

Name of service(s) not assessed:ActiveMatrix BPM, ActiveSpaces, BusinessConnect, BusinessEvents,
BusinessWorks, Cloud AuditSafe, Cloud Events, Cloud Services
Systems, Cloud Integration, Cloud Live Apps, Cloud Messaging, Cloud
Tropos, Data Science, Data Virtualization, EBX, eFTL, Enterprise
Message Service, Flogo Enterprise, Foresight, FTL, Graph Database,
GridServer, Jaspersoft, Live Datamart, LogLogic, Managed File Transfer,
MDM, Messaging, Messaging - Apache Kafka Distribution, Messaging -
Eclipse Mosquitto Distribution, Nimbus, Rendezvous, Reward, Spotfire,
StreamBase

Type of service(s) not assessed:

Hosting Provider:	Managed Services:		Payment Processing:		
Applications / software	Systems securit	ty services	POI / card present		
Hardware	IT support		Internet / e-commerce		
Infrastructure / Network	Physical securit	y	MOTO / Call Center		
Physical space (co-location)	🗌 Terminal Manag	gement System	🗆 ATM		
☐ Storage	Other services	(specify):	Other processing (specify):		
Web-hosting services					
Security services					
3-D Secure Hosting Provider					
Multi-Tenant Service Provider					
Other Hosting (specify):					
Account Management	Fraud and Char	geback	Payment Gateway/Switch		
Back-Office Services	Issuer Processi	ng	Prepaid Services		
Billing Management	Loyalty Programs		Records Management		
Clearing and Settlement	Merchant Services		Tax/Government Payments		
Network Provider					
Others (specify):					
Provide a brief explanation why any che were not included in the Assessment:	ecked services	Services were confirmed to be segmented from the Citrix DaaS environment and would be assessed			

Part 2b. Description of Role with Payment Cards (ROC Section 2.1)		
Describe how the business stores, processes, and/or transmits account data.	CSG's Citrix DaaS environment does not directly store, process, and/or transmit cardholder data, however	

separately from Citrix DaaS (SaaS) environment.



	these systems support customer APIs that may be used for this purpose.
Describe how the business is otherwise involved in or has the ability to impact the security of its customers' account data.	The CSG Citrix Desktop as a Service (formerly known Citrix Virtual Application and Desktop Service) offers secure access to virtual Windows, Linux, web applications, and desktops. This service is based on Desktop as a Service technology. Available as a cloud service or hybrid solution, it allows customers to choose the deployment option that best aligns with their enterprise cloud.
	Desktop as a Service is a virtualization solution that enables universal access to virtual applications, desktops, and data with the option to implement a scalable virtual desktop infrastructure (VDI) solution. Desktop as a Service enables:
	 End users to run applications and desktops independently of the device's operating system and interface Administrators to manage the network and provide or restrict access from selected devices or from all devices Administrators to manage an entire network from a single data center
Describe system components that could impact the security of account data.	Citrix DaaS is a cloud-hosted solution managed by Cloud Software Group. Cloud services include virtualized compute, networking, and storage to provide the Citrix DaaS software as a service solution.



Part 2c. Description of Payment Card Environment

 Provide a high-level description of the environment covered by this Assessment. For example: Connections into and out of the cardholder data environment (CDE). Critical system components within the CDE, such as POI devices, databases, web servers, etc., and any other necessary payment components, as applicable. System components that could impact the security of account data. 	 The assessed environment consisted of multiple networks hosted within a PCI compliant cloud service provider. Each network contained connections into and out of the CDE. Critical system components include the following: Azure Virtual Private Networks (VNet) Azure Network Security Controls Azure services Administrative Workstations 	
Indicate whether the environment includes segmentation to reduce Assessment. (Refer to the "Segmentation" section of PCI DSS for guidance on		

Part 2d. In-Scope Locations/Facilities (ROC Section 4.6)

List all types of physical locations/facilities (for example, corporate offices, data centers, call centers and mail rooms) in scope for this Assessment.

Facility Type	Total Number of Locations (How many locations of this type are in scope)	Location(s) of Facility (city, country)	
Example: Data centers	3	Boston, MA, USA	
Azure - Cloud Data Center	Undisclosed	Undisclosed	



Part 2e. PCI SSC Validated Products and Solutions

(ROC Section 3.3)

Does the entity use any item identified on any PCI SSC Lists of Validated Products and Solutions⁺? □ Yes ⊠ No

Provide the following information regarding each item the entity uses from PCI SSC's Lists of Validated Products and Solutions:

Name of PCI SSC- validated Product or Solution	Version of Product or Solution	PCI SSC Standard to which Product or Solution Was Validated	PCI SSC Listing Reference Number	Expiry Date of Listing	
Not Applicable.	Not Applicable.	Not Applicable.	Not Applicable.	Not Applicable.	

For purposes of this document, "Lists of Validated Products and Solutions" means the lists of validated products, solutions, and/or components appearing on the PCI SSC website (www.pcisecuritystandards.org)—for example, 3DS Software Development Kits, Approved PTS Devices, Validated Payment Software, Payment Applications (PA-DSS), Point to Point Encryption (P2PE) solutions, Software-Based PIN Entry on COTS (SPoC) solutions, and Contactless Payments on COTS (CPoC) solutions.



Part 2f. Third-Party Service Providers

(ROC Section 4.4)

For the services being validated, does the entity have relationships with one or more third-party service providers that:

•	Store, process, or transmit account data on the entity's behalf (for example, payment gateways, payment processors, payment service providers (PSPs, and off-site storage))	🗌 Yes 🛛 No
•	Manage system components included in the entity's Assessment (for example, via network security control services, anti-malware services, security incident and event management (SIEM), contact and call centers, web-hosting companies, and IaaS, PaaS, SaaS, and FaaS cloud providers)	🛛 Yes 🗌 No
•	Could impact the security of the entity's CDE (for example, vendors providing support via remote access, and/or bespoke software developers).	🗌 Yes 🖾 No

If Yes:

Name of Service Provider:	Description of Services Provided:		
Microsoft Azure	Cloud Services Provider		
Okta	SSO Services		
Google Security Operations	SIEM Services		
Note: Requirement 12.8 applies to all entities in this list.			



Part 2g. Summary of Assessment (ROC Section 1.8.1)

Indicate below all responses provided within each principal PCI DSS requirement.

For all requirements identified as either "Not Applicable" or "Not Tested," complete the "Justification for Approach" table below.

Note: One table to be completed for each service covered by this AOC. Additional copies of this section are available on the PCI SSC website.

Name of Service Assessed: CSG Citrix DaaS

PCI DSS Requirement	Requirement Finding More than one response may be selected for a given requirement. Indicate all responses that apply.				Select If Below Method(s) Was Used			
	In Place	Not Applicable	Not Tested	Not in Place	Customized Approach	Compensating Controls		
Requirement 1:								
Requirement 2:								
Requirement 3:								
Requirement 4:								
Requirement 5:								
Requirement 6:								
Requirement 7:								
Requirement 8:								
Requirement 9:								
Requirement 10:								
Requirement 11:	\boxtimes							
Requirement 12:								
Appendix A1:								
Appendix A2:								
Justification for	Justification for Approach							



	Requirement 1.2.4; 1.4.4; 3.1.1-3.7.9; 4.1.1-4.2.2; 7.2.6; 12.3.3 - Not Applicable. The assessor verified through interviews with responsible personnel and review of policy and procedure documentation that CSG Citrix DaaS does not directly store, process, and/or transmit cardholder data. Customers using the Citrix DaaS service may store, process, or transmit cardholder, although compliance with this requirement is their responsibility.
	Requirement 1.2.6; 2.2.5 - Not Applicable. The assessor verified that no insecure services, protocols, and ports were in use.
	Requirement 1.3.3; 2.3.1; 2.3.2 - Not Applicable. CSG Citrix DaaS' environment is hosted within a controlled cloud environment where wireless networks are explicitly prohibited.
	Requirement 1.4.5 - Not Applicable. The assessor examined NSC configurations and interviewed CSG Citrix DaaS personnel who explained the disclosure of private IP addresses is not permitted.
	Requirement 5.2.3.1; 5.3.2.1; 5.4.1; 6.3.2; 6.4.2; 7.2.4; 7.2.5; 7.2.5.1; 8.3.6; 8.3.10; 8.3.10.1; 8.5.1; 11.3.1.1; 11.3.1.2; 11.5.1.1; 12.3.1; 12.3.4; 12.5.2.1; 12.5.3; 12.6.2; 12.6.3.1; 12.6.3.2; 12.10.4.1; 12.10.7; A1.1.4 - Not Applicable. This requirement is a best practice until 31 March 2025.
For any Not Applicable responses, identify which sub- requirements were not applicable and the reason.	Requirement 5.3.3 - Not Applicable. CSG Citrix DaaS' environment is hosted within a controlled cloud environment where removable electronic media is explicitly prohibited.
	Requirement 6.4.3; 11.6.1 - Not Applicable. The assessor reviewed the network diagram, data flow and related business processes, interviewed relevant personnel, and verified that CSG does not manage or provide any payment pages.
	Requirement 6.5.2; 11.3.1.3; 11.3.2.1 - Not Applicable. The assessor verified there were no significant changes by interviewing CSG Citrix DaaS stakeholders regarding the status of the entity's in- scope systems and networks for the past 12 months. In addition, the assessor reviewed change management records, network diagrams, cardholder data flow diagrams, and business workflows to confirm there were no significant changes during the time period being assessed.
	Requirement 6.5.5 - Not Applicable. The assessor interviewed CSG Staff and observed development processes to confirm neither PAN nor CHD is required or utilized for software development.
	Requirement 8.2.2 - Not Applicable. The assessor interviewed CSG Citrix DaaS' stakeholders and examined users with access to the production environment in AWS to confirm group, shared, generic accounts and shared authentication credentials are not utilized.
	Requirement 8.2.3 - Not Applicable. The assessor reviewed the network diagram, the cardholder business workflow and related business processes,



	interviewed relevant personnel, and verified that CSG Citrix DaaS does not maintain access to their customer's premises.
	Requirement 8.2.7 - Not Applicable. Based on a review of the user listing of in-scope system components, the network diagram, interviews with relevant personnel, the assessor verified that the entity does not allow third-party access into the CDE or in-scope environment.
	Requirement 8.3.9 - Not Applicable. The assessor verified that all authentication into in-scope systems required MFA.
	Requirement 8.6.1-8.6.3 - Not Applicable. The assessor reviewed the authentication flow and configuration, user listing, access management policies and interviewed relevant personnel and verified that interactive login is not possible or permitted within the in-scope environment.
	Requirement 9.4.1-9.4.7 - Not Applicable. The assessor reviewed the data flow diagram, data retention and management processes, business processes involving cardholder data, interviewed relevant personnel, and verified that no media was utilized for transmitting, storing, or processing cardholder data.
	Requirement 9.5.1-9.5.1.3 - Not Applicable. The assessor reviewed the data flow diagram, business processes, interviewed relevant personnel to confirm CSG Citrix DaaS does not utilize POI devices in part of the services assessed.
	Requirement 10.4.2.1 - Not Applicable. The assessor reviewed the audit logging processes, the internal logging system, the security logging policies and procedures and interviewed relevant personnel to confirm that all audit logs are analyzed by an automated mechanism, including logs from all systems not specified in Requirement 10.4.1.
	Requirement 11.4.4 - Not Applicable. Based on the references listed below, the assessor verified there were no exploitable vulnerabilities or security weaknesses found during the internal and external penetration testing performed.
	Requirement 12.3.2 - Not Applicable. CSG Citrix DaaS does not use a customized approach for any applicable PCI requirements.
	Requirement A2.1.1-A2.1.3 - Not Applicable. The entity does not utilize POS/POI terminals.
For any Not Tested responses, identify which sub- requirements were not tested and the reason.	Not Applicable.



Section 2 Report on Compliance

(ROC Sections 1.2 and 1.3.2)

Date Assessment began: <i>Note:</i> This is the first date that evidence was ga	22 July 2024		
Date Assessment ended: Note: This is the last date that evidence was ga	28 October 2024		
Were any requirements in the ROC unable to be met due to a legal constraint?			🗌 Yes 🛛 No
Were any testing activities performed remotely? If yes, for each testing activity below, indicate whether remote assessment activities were performed:			🛛 Yes 🗌 No
Examine documentation	🛛 Yes	🗌 No	
Interview personnel	🛛 Yes	🗌 No	
Examine/observe live data	🛛 Yes	🗌 No	
Observe process being performed	🛛 Yes	🗌 No	
Observe physical environment	🗌 Yes	🖾 No	
Interactive testing	🗌 Yes	🖾 No	
Other: Not Applicable.	🗌 Yes	🗌 No	



Section 3 Validation and Attestation Details

Part 3. PCI DSS Validation (ROC Section 1.7)

This AOC is based on results noted in the ROC dated 9 November 2024.

Indicate below whether a full or partial PCI DSS assessment was completed:

- Full Assessment All requirements have been assessed and therefore no requirements were marked as Not Tested in the ROC.
- □ Partial Assessment One or more requirements have not been assessed and were therefore marked as Not Tested in the ROC. Any requirement not assessed is noted as Not Tested in Part 2g above.

Based on the results documented in the ROC noted above, each signatory identified in any of Parts 3b-3d, as applicable, assert(s) the following compliance status for the entity identified in Part 2 of this document *(select one):*

Compliant: All sections of the PCI DSS ROC are complete, and all assessed requirements are marked as being either In Place or Not Applicable, resulting in an overall COMPLIANT rating; thereby				
Cloud Software Group, Inc. has demonstrated compliance with all PCI DSS requirements except those noted as Not Tested above.				
Non-Compliant: Not all sections of the PCI DSS ROC are complete, or one or more requirements are marked as Not in Place, resulting in an overall NON-COMPLIANT rating; thereby (Service Provider Company Name) has not demonstrated compliance with PCI DSS requirements.				
Target Date for Compliance:				
An entity submitting this form with a Non-Compliant status may be required to complete the Action Plan in Part 4 of this document. Confirm with the entity to which this AOC will be submitted before completing Part 4.				
Compliant but with Legal exception: One or more assessed requirements in the ROC are marked as Not in Place due to a legal restriction that prevents the requirement from being met and all other assessed requirements are marked as being either In Place or Not Applicable, resulting in an overall COMPLIANT BUT WITH LEGAL EXCEPTION rating; thereby (Service Provider Company Name) has demonstrated compliance with all PCI DSS requirements except those noted as Not Tested above or as Not in Place due to a legal restriction.				
This option requires additional review from the entity to which this AOC will be submitted.				
If selected, complete the following:				
Affected Requirement Details of how legal constraint prevents requirement from being met				



Part 3. PCI DSS Validation (continued)

Part 3a. Service Provider Acknowledgement

Signatory(s) confirms:

(Select all that apply)

	The ROC was completed according to <i>PCI DSS</i> , Version 4.0 and was completed according to the instructions therein.
\boxtimes	All information within the above-referenced ROC and in this attestation fairly represents the results of the Assessment in all material respects.
\boxtimes	PCI DSS controls will be maintained at all times, as applicable to the entity's environment.

Part 3b. Service Provider Attestation

Kumar Palaniappan

Signature of Service Provider Executive Officer \bigstar	Date: 12 November 2024
Service Provider Executive Officer Name: Kumar Palaniappan	Title: VP, Product Security

ledgement
A performed testing procedures.
A provided other assistance. elected, describe all role(s) performed: Not Applicable.



Date: 9 November 2024

Lead QSA Name: Daniel Powers

Signature of Lead QSA ↑

Signature of Duly Authorized Officer of QSA Company \checkmark	Date: 12 November 2024	
Duly Authorized Officer Name: Petar Besalev, EVP Cybersecurity and Compliance Services	QSA Company: A-LIGN	



Part 3d. PCI SSC Internal Security Assessor (ISA) Involvement		
If an ISA(s) was involved or assisted with this Assessment, indicate the role performed:	☐ ISA(s) performed testing procedures.	
	☐ ISA(s) provided other assistance. If selected, describe all role(s) performed:	



Part 4. Action Plan for Non-Compliant Requirements

Only complete Part 4 upon request of the entity to which this AOC will be submitted, and only if the Assessment has Non-Compliant results noted in Section 3.

If asked to complete this section, select the appropriate response for "Compliant to PCI DSS Requirements" for each requirement below. For any "No" responses, include the date the entity expects to be compliant with the requirement and provide a brief description of the actions being taken to meet the requirement.

PCI DSS Requirement	Description of Requirement	Compliant to PCI DSS Requirements (Select One)		nent DSS Requirements (Select One) (If "NO" selected for any	Actions (If "NO" selected for any
		YES	NO	Requirement)	
1	Install and maintain network security controls				
2	Apply secure configurations to all system components				
3	Protect stored account data				
4	Protect cardholder data with strong cryptography during transmission over open, public networks				
5	Protect all systems and networks from malicious software				
6	Develop and maintain secure systems and software				
7	Restrict access to system components and cardholder data by business need to know				
8	Identify users and authenticate access to system components				
9	Restrict physical access to cardholder data				
10	Log and monitor all access to system components and cardholder data				
11	Test security systems and networks regularly				
12	Support information security with organizational policies and programs				
Appendix A1	Additional PCI DSS Requirements for Multi- Tenant Service Providers				
Appendix A2	Additional PCI DSS Requirements for Entities using SSL/early TLS for Card- Present POS POI Terminal Connections				

