



Payment Card Industry (PCI) Data Security Standard

Attestation of Compliance for Onsite Assessments – Service Providers

Version 3.2

April 2016

Section 1: Assessment Information

Instructions for Submission

This Attestation of Compliance must be completed as a declaration of the results of the service provider's assessment with the *Payment Card Industry Data Security Standard Requirements and Security Assessment Procedures (PCI DSS)*. Complete all sections: The service provider is responsible for ensuring that each section is completed by the relevant parties, as applicable. Contact the requesting payment brand for reporting and submission procedures.

Part 1. Service Provider and Qualified Security Assessor Information

Part 1a. Service Provider Organization Information

Company Name:	NCR Corporation		DBA (doing business as):	NCR Connected Payments	
Contact Name:	Alok Kumar		Title:	CISO NCR Retail	
Telephone:	678-808-7000		E-mail:	Alok.Kumar@ncr.com	
Business Address:	85 Argonaut Suite 150		City:	Aliso Viejo	
State/Province:	CA	Country:	USA	Zip:	92656
URL:	www.ncr.com				

Part 1b. Qualified Security Assessor Company Information (if applicable)

Company Name:	Aprio, LLP				
Lead QSA Contact Name:	Dan Schroeder		Title:	Partner	
Telephone:	1-770-353-8379		E-mail:	Dan.Schroeder@aprio.com	
Business Address:	Five Concourse Parkway, Suite 1000		City:	Atlanta	
State/Province:	GA	Country:	USA	Zip:	30328
URL:	www.aprio.com				

Part 2. Executive Summary

Part 2a. Scope Verification

Services that were INCLUDED in the scope of the PCI DSS Assessment (check all that apply):

Name of service(s) assessed:		NCR Connected Payments	
Type of service(s) assessed:			
Hosting Provider: <input type="checkbox"/> Applications / software <input type="checkbox"/> Hardware <input type="checkbox"/> Infrastructure / Network <input type="checkbox"/> Physical space (co-location) <input type="checkbox"/> Storage <input type="checkbox"/> Web <input type="checkbox"/> Security services <input type="checkbox"/> 3-D Secure Hosting Provider <input type="checkbox"/> Shared Hosting Provider <input type="checkbox"/> Other Hosting (specify):	Managed Services (specify): <input type="checkbox"/> Systems security services <input type="checkbox"/> IT support <input type="checkbox"/> Physical security <input type="checkbox"/> Terminal Management System <input type="checkbox"/> Other services (specify):	Payment Processing: <input checked="" type="checkbox"/> POS / card present <input checked="" type="checkbox"/> Internet / e-commerce <input type="checkbox"/> MOTO / Call Center <input type="checkbox"/> ATM <input type="checkbox"/> Other processing (specify):	
<input type="checkbox"/> Account Management	<input type="checkbox"/> Fraud and Chargeback	<input checked="" type="checkbox"/> Payment Gateway/Switch	
<input type="checkbox"/> Back-Office Services	<input type="checkbox"/> Issuer Processing	<input type="checkbox"/> Prepaid Services	
<input type="checkbox"/> Billing Management	<input type="checkbox"/> Loyalty Programs	<input type="checkbox"/> Records Management	
<input type="checkbox"/> Clearing and Settlement	<input type="checkbox"/> Merchant Services	<input type="checkbox"/> Tax/Government Payments	
<input type="checkbox"/> Network Provider			
<input type="checkbox"/> Others (specify):			

Note: These categories are provided for assistance only, and are not intended to limit or predetermine an entity's service description. If you feel these categories don't apply to your service, complete "Others." If you're unsure whether a category could apply to your service, consult with the applicable payment brand.

Part 2a. Scope Verification *(continued)*

Services that are provided by the service provider but were NOT INCLUDED in the scope of the PCI DSS Assessment (check all that apply):

Name of service(s) not assessed: OpenEPS

Type of service(s) not assessed:

Hosting Provider:

- Applications / software
- Hardware
- Infrastructure / Network
- Physical space (co-location)
- Storage
- Web
- Security services
- 3-D Secure Hosting Provider
- Shared Hosting Provider
- Other Hosting (specify):

Managed Services (specify):

- Systems security services
- IT support
- Physical security
- Terminal Management System
- Other services (specify):

Payment Processing:

- POS / 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

Merchant Services

Tax/Government Payments

Network Provider

Others (specify):

Provide a brief explanation why any checked services were not included in the assessment:

OpenEPS is assessed separately in a PA DSS validation.

Part 2b. Description of Payment Card Business

<p>Describe how and in what capacity your business stores, processes, and/or transmits cardholder data.</p>	<p>NCR Connected Payments is a level 1 Service Provider servicing high volume retail environments. Connected Payments is a professionally operated electronic payment processing service that utilizes direct connections to Point of Sale lanes (hereafter "POS"), allowing much of the payments related infrastructure to be moved out of the store and into professionally hosted data centers. It provides integrated software solution and services to the consumer market retail industry.</p> <p>NCR Connected Payments is a solution that provides a fully secure payment route from PIN pad to the processor. Connected Payments processes a variety of transaction types, including Credit, Debit, EBT, Gift Card, Check, Fleet. These transactions can be processed to one or more of the 10+ different host processors to which Connected Payments connects. The OpenEPS (PA DSS Validated separately) and ServerEPS environment includes built in encryption and tokenization along the payment route that a transaction follows to the processor.</p>
<p>Describe how and in what capacity your business is otherwise involved in or has the ability to impact the security of cardholder data.</p>	<p>Loss of confidentiality or integrity in the payment process could impact the security of cardholder data.</p>

Part 2c. Locations

List types of facilities (for example, retail outlets, corporate offices, data centers, call centers, etc.) and a summary of locations included in the PCI DSS review.

Type of facility:	Number of facilities of this type	Location(s) of facility (city, country):
<i>Example: Retail outlets</i>	3	<i>Boston, MA, USA</i>
Corporate	2	Aliso Viejo, CA, USA Duluth, GA, USA
Datacenters	3	Tustin, CA, USA Ashburn, VA, USA Allen, TX, USA

Part 2d. Payment Applications

Does the organization use one or more Payment Applications? Yes No

Provide the following information regarding the Payment Applications your organization uses:

Payment Application Name	Version Number	Application Vendor	Is application PA-DSS Listed?	PA-DSS Listing Expiry date (if applicable)
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	

Part 2e. Description of 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 POS devices, databases, web servers, etc., and any other necessary payment components, as applicable.*

Cardholder data enters NCR Connected Payments via (multi-tenant or dedicated) POS at the merchant site via OpenEPS. Web transactions enter via WebEPS and follow the same track as OpenEPS once inside the NCR Connected Payments infrastructure.

The transaction is encrypted during transmission to the NCR infrastructure and subsequent processors. The initial string is further encrypted and temporarily stored in a database. While in storage, encrypted information is sent to the processor for approval. When the transaction cycle is completed, the string files and keys are destroyed. The cardholder data is stored utilizing 128 bit encryption in select databases outlined further in the ROC.

Connections into the multi-tenant and dedicated facilities of NCR Connected Payments are encrypted via TLS 1.2. Batch processing and on demand processing are available in the environment.

Does your business use network segmentation to affect the scope of your PCI DSS environment?

(Refer to "Network Segmentation" section of PCI DSS for guidance on network segmentation)

Yes No

Part 2f. Third-Party Service Providers

<p>Does your company have a relationship with a Qualified Integrator & Reseller (QIR) for the purpose of the services being validated?</p> <p>If Yes:</p> <p style="padding-left: 20px;">Name of QIR Company: N/A</p> <p style="padding-left: 20px;">QIR Individual Name: N/A</p> <p style="padding-left: 20px;">Description of services provided by QIR: N/A</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<p>Does your company have a relationship with one or more third-party service providers (for example, Qualified Integrator Resellers (QIR), gateways, payment processors, payment service providers (PSP), web-hosting companies, airline booking agents, loyalty program agents, etc.) for the purpose of the services being validated?</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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If Yes:

Name of service provider:	Description of services provided:
ACIBigY	Payment Processor
ACIBrookshire	
ACIHannaford	
ACIHyVee	
ACIKvat	
ACISuperValu	
Certegy	
Chase	
ConcordEPC	
CondordHC	
Elavon	
FifthThird	
InComm	
Publix	
RapidConnect	
RBSLynk	
RGA	
SoluPay	
Svdot	
Synchrony	
TeleCheck	
TGTTandem	
VantivIBM	

Note: Requirement 12.8 applies to all entities in this list.

Part 2g. Summary of Requirements Tested

For each PCI DSS Requirement, select one of the following:

- **Full** – The requirement and all sub-requirements of that requirement were assessed, and no sub-requirements were marked as “Not Tested” or “Not Applicable” in the ROC.
- **Partial** – One or more sub-requirements of that requirement were marked as “Not Tested” or “Not Applicable” in the ROC.
- **None** – All sub-requirements of that requirement were marked as “Not Tested” and/or “Not Applicable” in the ROC.

For all requirements identified as either “Partial” or “None,” provide details in the “Justification for Approach” column, including:

- Details of specific sub-requirements that were marked as either “Not Tested” and/or “Not Applicable” in the ROC
- Reason why sub-requirement(s) were not tested or not applicable

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:		ServerEPS, WebEPS		
PCI DSS Requirement	Details of Requirements Assessed			Justification for Approach <small>(Required for all “Partial” and “None” responses. Identify which sub-requirements were not tested and the reason.)</small>
	Full	Partial	None	
Requirement 1:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.2.2: (N/A) No routers in the CDE
Requirement 2:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.1.1: (N/A) No wireless in the CDE 2.6: (N/A) NCR Connected Payments is not a shared hosting provider.
Requirement 3:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3.4.1: (N/A) NCR does not use full disk encryption. 3.5.1:(N/A) Assessment performed prior to January 31, 2018
Requirement 4:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4.1.1: (N/A) NCR does not transmit CHD over wireless networks 4.2: (N/A) No CHD over any end user messaging platform.
Requirement 5:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Requirement 6:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.4.6-(N/A) Assesment performed prior to January 31, 2018
Requirement 7:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Requirement 8:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Requirement 9:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.6.2: (N/A) No media is sent outside the CDE 9.6.3: (N/A) No media is sent outside the CDE 9.7: (N/A) No hardcopy paper CHD is stored

				<p>9.9: (N/A) NCR Connected Payments does not have payment capture devices.</p> <p>9.9.1: (N/A) NCR Connected Payments does not have payment capture devices.</p> <p>9.9.2: (N/A) NCR Connected Payments does not have payment capture devices.</p> <p>9.9.3: (N/A) NCR Connected Payments does not have payment capture devices.</p>
Requirement 10:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Requirement 11:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>11.1.1: (N/A) NCR does not allow wireless into the CDE nor do they allow connections from wireless networks into the CDE</p> <p>11.3.4.1:(N/A) Assessment performed prior to January 31, 2018</p>
Requirement 12:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>12.4.1:(N/A) Assessment performed prior to January 31, 2018</p> <p>12.11:(N/A) Assessment performed prior to January 31, 2018</p>
Appendix A1:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A-Not a shared hosting provder
Appendix A2:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section 2: Report on Compliance

This Attestation of Compliance reflects the results of an onsite assessment, which is documented in an accompanying Report on Compliance (ROC).

The assessment documented in this attestation and in the ROC was completed on:	12/15/2017	
Have compensating controls been used to meet any requirement in the ROC?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Were any requirements in the ROC identified as being not applicable (N/A)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Were any requirements not tested?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Were any requirements in the ROC unable to be met due to a legal constraint?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Section 3: Validation and Attestation Details

Part 3. PCI DSS Validation

This AOC is based on results noted in the ROC dated 12/15/2017.

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

<input checked="" type="checkbox"/>	<p>Compliant: All sections of the PCI DSS ROC are complete, all questions answered affirmatively, resulting in an overall COMPLIANT rating; thereby <i>NCR Connected Payments</i> has demonstrated full compliance with the PCI DSS.</p>						
<input type="checkbox"/>	<p>Non-Compliant: Not all sections of the PCI DSS ROC are complete, or not all questions are answered affirmatively, resulting in an overall NON-COMPLIANT rating, thereby (<i>Service Provider Company Name</i>) has not demonstrated full compliance with the PCI DSS.</p> <p>Target Date for Compliance:</p> <p>An entity submitting this form with a status of Non-Compliant may be required to complete the Action Plan in Part 4 of this document. <i>Check with the payment brand(s) before completing Part 4.</i></p>						
<input type="checkbox"/>	<p>Compliant but with Legal exception: One or more requirements are marked “Not in Place” due to a legal restriction that prevents the requirement from being met. This option requires additional review from acquirer or payment brand.</p> <p><i>If checked, complete the following:</i></p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 35%;">Affected Requirement</th> <th>Details of how legal constraint prevents requirement being met</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Affected Requirement	Details of how legal constraint prevents requirement being met				
Affected Requirement	Details of how legal constraint prevents requirement being met						

Part 3a. Acknowledgement of Status

Signatory(s) confirms:

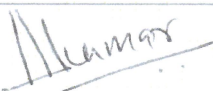
(Check all that apply)

<input checked="" type="checkbox"/>	The ROC was completed according to the <i>PCI DSS Requirements and Security Assessment Procedures</i> , Version 3.2, and was completed according to the instructions therein.
<input checked="" type="checkbox"/>	All information within the above-referenced ROC and in this attestation fairly represents the results of my assessment in all material respects.
<input type="checkbox"/>	I have confirmed with my payment application vendor that my payment system does not store sensitive authentication data after authorization.
<input checked="" type="checkbox"/>	I have read the PCI DSS and I recognize that I must maintain PCI DSS compliance, as applicable to my environment, at all times.
<input checked="" type="checkbox"/>	If my environment changes, I recognize I must reassess my environment and implement any additional PCI DSS requirements that apply.

Part 3a. Acknowledgement of Status (continued)

- No evidence of full track data¹, CAV2, CVC2, CID, or CVV2 data², or PIN data³ storage after transaction authorization was found on ANY system reviewed during this assessment.
- ASV scans are being completed by the PCI SSC Approved Scanning Vendor *Control Case*

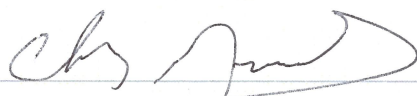
Part 3b. Service Provider Attestation



Signature of Service Provider Executive Officer ↑	Date: 12/15/2017
Service Provider Executive Officer Name: Alok Kumar	Title: CISO NCR Retail

Part 3c. Qualified Security Assessor (QSA) Acknowledgement (if applicable)

If a QSA was involved or assisted with this assessment, describe the role performed:	QSA was involved with scoping, testing and evaluation of NCR Connected Payments and their compliance against PCI DSS 3.2
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Signature of Duly Authorized Officer of QSA Company ↑	Date: 12/15/2017
Duly Authorized Officer Name: Charles Gunnels	QSA Company: Aprio, LLP

Part 3d. Internal Security Assessor (ISA) Involvement (if applicable)

If an ISA(s) was involved or assisted with this assessment, identify the ISA personnel and describe the role performed:	
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¹ Data encoded in the magnetic stripe or equivalent data on a chip used for authorization during a card-present transaction. Entities may not retain full track data after transaction authorization. The only elements of track data that may be retained are primary account number (PAN), expiration date, and cardholder name.

² The three- or four-digit value printed by the signature panel or on the face of a payment card used to verify card-not-present transactions.

³ Personal identification number entered by cardholder during a card-present transaction, and/or encrypted PIN block present within the transaction message.

Part 4. Action Plan for Non-Compliant Requirements

Select the appropriate response for “Compliant to PCI DSS Requirements” for each requirement. If you answer “No” to any of the requirements, you may be required to provide the date your Company expects to be compliant with the requirement and a brief description of the actions being taken to meet the requirement.

Check with the applicable payment brand(s) before completing Part 4.

PCI DSS Requirement	Description of Requirement	Compliant to PCI DSS Requirements (Select One)		Remediation Date and Actions (If “NO” selected for any Requirement)
		YES	NO	
1	Install and maintain a firewall configuration to protect cardholder data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2	Do not use vendor-supplied defaults for system passwords and other security parameters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3	Protect stored cardholder data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	Encrypt transmission of cardholder data across open, public networks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5	Protect all systems against malware and regularly update anti-virus software or programs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6	Develop and maintain secure systems and applications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7	Restrict access to cardholder data by business need to know	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8	Identify and authenticate access to system components	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9	Restrict physical access to cardholder data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10	Track and monitor all access to network resources and cardholder data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11	Regularly test security systems and processes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12	Maintain a policy that addresses information security for all personnel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Appendix A1	Additional PCI DSS Requirements for Shared Hosting Providers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Appendix A2	Additional PCI DSS Requirements for Entities using SSL/early TLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

