### DATA PRIVACY AGREEMENT

# MEDINA CENTRAL SCHOOL DISTRICT

#### And

### **Aperture**

This Data Privacy Agreement ("DPA") is by and between the **Medina Central School District** ("EA"), an Educational Agency, and Aperture Education, LLC ("Contractor"), collectively, the "Parties." This DPA is made subject to and incorporates by reference Contractor's Terms of Service (available at: <a href="https://apertureed.com/terms-of-service/">https://apertureed.com/terms-of-service/</a>) ("TOS"). If there is a conflict between this DPA and the TOS, this DPA will govern; provided, this DPA does not negate or otherwise modify any of the limitations of liability in the TOS.

### ARTICLE I: DEFINITIONS

As used in this DPA, the following terms shall have the following meanings:

- 1. Breach: The unauthorized acquisition, access, use, or disclosure of Personally Identifiable Information in a manner not permitted by State and federal laws, rules and regulations, or in a manner which compromises its security or privacy, or by or to a person not authorized to acquire, access, use, or receive it, or a Breach of Contractor's security that leads to the accidental or unlawful destruction, loss, alteration, unauthorized disclosure of, or access to Personally Identifiable Information.
- 2. Commercial or Marketing Purpose: means the sale, use or disclosure of Personally Identifiable Information for purposes of receiving remuneration, whether directly or indirectly; the sale, use or disclosure of Personally Identifiable Information for advertising purposes; or the sale, use or disclosure of Personally Identifiable Information to develop, improve or market products or services to students.
- 3. **Disclose**: To permit access to, or the release, transfer, or other communication of personally identifiable information by any means, including oral, written or electronic, whether intended or unintended.
- **4. Education Record:** An education record as defined in the Family Educational Rights and Privacy Act and its implementing regulations, 20 U.S.C. 1232g and 34 C.F.R. Part 99, respectively.
- **5. Educational Agency**: As defined in Education Law 2-d, a school district, board of cooperative educational services, school, charter school, or the New York State Education Department.
- 6. Eligible Student: A student who is eighteen years of age or older.
- 7. Encrypt or Encryption: As defined in the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Security Rule at 45 CFR 164.304, means the use of an algorithmic process

- to transform Personally Identifiable Information into an unusable, unreadable, or indecipherable form in which there is a low probability of assigning meaning without use of a confidential process or key.
- 8. NIST Cybersecurity Framework: The U.S. Department of Commerce National Institute for Standards and Technology Framework for Improving Critical Infrastructure Cybersecurity Version 1.1.
- 9. Parent: A parent, legal guardian or person in parental relation to the Student.
- 10. Personally Identifiable Information (PII): Means personally identifiable information as defined in section 99.3 of Title 34 of the Code of Federal Regulations implementing the Family Educational Rights and Privacy Act, 20 U.S.C 1232g, and Teacher or Principal APPR Data, as defined below.
- 11. Release: Shall have the same meaning as Disclose.
- 12. School: Any public elementary or secondary school including a charter school, universal pre-kindergarten program authorized pursuant to Education Law § 3602-e, an approved provider of preschool special education, any other publicly funded pre-kindergarten program, a school serving children in a special act school district as defined in Education Law § 4001, an approved private school for the education of students with disabilities, a State-supported school subject to the provisions of Article 85 of the Education Law, or a State-operated school subject to the provisions of Articles 87 or 88 of the Education Law.
- 13. Student: Any person attending or seeking to enroll in an Educational Agency.
- **14. Student Data:** Personally identifiable information as defined in section 99.3 of Title 34 of the Code of Federal Regulations implementing the Family Educational Rights and Privacy Act, 20 U.S.C 1232g.
- **15. Subcontractor:** Contractor's non-employee agents, consultants and/or subcontractors engaged in the provision of services pursuant to the Service Agreement.
- **16. Teacher or Principal APPR Data**: Personally Identifiable Information from the records of an Educational Agency relating to the annual professional performance reviews of classroom teachers or principals that is confidential and not subject to release under the provisions of Education Law §§ 3012-c and 3012-d.

### ARTICLE II: PRIVACY AND SECURITY OF PII

# 1. Compliance with Law.

In order for Contractor to provide certain services ("Services") to the EA pursuant to a contract dated 6/01/2023 to 6/01/2024 ("Service Agreement") and the parties reserve the right to renew the contract; Contractor may receive PII regulated by several New York and federal laws and regulations, among them, the Family Educational Rights and Privacy Act ("FERPA") at 12 U.S.C. 1232g (34 CFR Part 99); Children's Online Privacy Protection Act ("COPPA") at 15 U.S.C. 6501-6502 (16 CFR Part 312); Protection of Pupil Rights Amendment ("PPRA") at 20 U.S.C. 1232h (34 CFR Part 98); the Individuals with Disabilities Education Act ("IDEA") at 20 U.S.C. 1400 et seq. (34 CFR Part 300); New York Education Law Section 2-d; and the

Commissioner of Education's Regulations at 8 NYCRR Part 121. The Parties enter this DPA to address the requirements of New York law. Contractor agrees to maintain the confidentiality and security of PII in accordance with applicable New York, federal and local laws, rules and regulations.

### 2. Authorized Use.

Contractor has no property or licensing rights or claims of ownership to PII, and Contractor must not use PII for any purpose other than to provide the Services set forth in the Service Agreement. Neither the Services provided nor the manner in which such Services are provided shall violate New York law.

# 3. Data Security and Privacy Plan.

Contractor shall adopt and maintain administrative, technical and physical safeguards, measures and controls to manage privacy and security risks and protect PII in a manner that complies with New York State, federal and local laws and regulations and the EA's policies. Education Law Section 2-d requires that Contractor provide the EA with a Data Privacy and Security Plan that outlines such safeguards, measures and controls including how the Contractor will implement all applicable state, federal and local data security and privacy requirements. Contractor's Data Security and Privacy Plan is attached to this DPA as Exhibit C.

# 4. EA's Data Security and Privacy Policy

State law and regulation requires the EA to adopt a data security and privacy policy that complies with Part 121 of the Regulations of the Commissioner of Education and aligns with the NIST Cyber Security Framework. Contractor shall comply with the EA's data security and privacy policy and other applicable policies.

### 5. Right of Review and Audit.

Upon request by the EA, Contractor shall provide the EA with copies of its policies and related procedures that pertain to the protection of PII. It may be made available in a form that does not violate Contractor's own information security policies, confidentiality obligations, and applicable laws. In addition, Contractor may be required to undergo an audit of its privacy and security safeguards, measures and controls as it pertains to alignment with the requirements of New York State laws and regulations, the EA's policies applicable to Contractor, and alignment with the NIST Cybersecurity Framework performed by an independent third party at Contractor's expense, and provide the audit report to the EA. Contractor may provide the EA with a recent industry standard independent audit report on Contractor's privacy and security practices as an alternative to undergoing an audit.

# 6. Contractor's Employees and Subcontractors.

- (a) Contractor shall only disclose PII to Contractor's employees and subcontractors who need to know the PII in order to provide the Services and the disclosure of PII shall be limited to the extent necessary to provide such Services. Contractor shall ensure that all such employees and subcontractors comply with the terms of this DPA.
- (b) Contractor must ensure that each subcontractor performing functions pursuant to the Service Agreement where the subcontractor will receive or have access to PII is contractually bound by a written agreement that includes confidentiality and data security obligations equivalent to, consistent with, and no less protective than, those found in this DPA.
- Contractor shall examine the data security and privacy measures of its subcontractors prior to utilizing the subcontractor. If at any point a subcontractor fails to materially comply with the requirements of this DPA, Contractor shall: notify the EA and remove such subcontractor's access to PII; and, as applicable, retrieve all PII received or stored by such subcontractor and/or ensure that PII has been securely deleted and destroyed in accordance with this DPA. In the event there is an incident in which the subcontractor compromises PII, Contractor shall follow the Data Breach reporting requirements set forth herein.
- (d) Contractor shall take full responsibility for the acts and omissions of its employees and subcontractors.
- (e) Contractor must not disclose PII to any other party unless such disclosure is required by statute, court order or subpoena, and the Contractor makes a reasonable effort to notify the EA of the court order or subpoena in advance of compliance but in any case, provides notice to the EA no later than the time the PII is disclosed, unless such disclosure to the EA is expressly prohibited by the statute, court order or subpoena.

### 7. Training.

Contactor shall ensure that all its employees and Subcontractors who have access to PII have received or will receive training on the federal and state laws governing confidentiality of such data prior to receiving access.

# 8. Data Return and Destruction of Data.

Protecting PII from unauthorized access and disclosure is of the utmost importance to the EA, and Contractor agrees that it is prohibited from retaining PII or continued access to PII or any copy, summary or extract of PII, on any storage medium (including, without limitation, in secure data centers and/or cloud-based facilities, subject to Contractor's backup retention policy) whatsoever beyond the period of providing Services to the EA, unless such retention is either expressly authorized for a prescribed period by the Service Agreement or other written agreement between the Parties, or expressly requested by the EA for purposes of facilitating the transfer of PII to the EA or expressly required by law. As applicable, following EA's written

- request upon expiration or termination of the Service Agreement, Contractor shall transfer PII, in a format agreed to by the Parties to the EA.
- If applicable, once the transfer of PII has been accomplished in accordance with the (b) EA's written election to do so, Contractor agrees to return or destroy all PII when the purpose that necessitated its receipt by Contractor has been completed. Thereafter, but not later than 90 days following expiration or termination of the Service Agreement, with regard to all PII (including without limitation, all hard copies, archived copies, electronic versions, electronic imaging of hard copies) as well as any and all PII maintained on behalf of Contractor in a secure data center and/or cloud-based facilities that remain in the possession of Contractor or its Subcontractors, Contractor shall ensure that PII is securely deleted and/or destroyed in a manner that does not allow it to be retrieved or retrievable, read or reconstructed. Hard copy media must be shredded or destroyed such that PII cannot be read or otherwise reconstructed, and electronic media must be cleared, purged, or destroyed such that the PII cannot be retrieved. Only the destruction of paper PII, and not redaction, will satisfy the requirements for data destruction. Redaction is specifically excluded as a means of data destruction.
- (c) Upon EA's written request, contractor shall provide the EA with a written certification of the secure deletion and/or destruction of PII held by the Contractor or Subcontractors.
- (d) To the extent that Contractor and/or its subcontractors continue to be in possession of any de-identified data (i.e., data that has had all direct and indirect identifiers removed), they agree not to attempt to re-identify de-identified data and not to transfer de-identified data to any party; provided, Contractor may transfer de-identified data to third parties subject to appropriate confidentiality agreements for the purposes of (i) assessing the quality of and improving the Services and (ii) assessment development.

# 9. Commercial or Marketing Use Prohibition.

Contractor agrees that it will not sell PII or use or disclose PII for a Commercial or Marketing Purpose.

# 10. Encryption.

Contractor shall use industry standard security measures including encryption protocols that comply with New York law and regulations to preserve and protect PII. Contractor must encrypt PII at rest and in transit in accordance with applicable New York laws and regulations.

### 11. Breach.

(a) Contractor shall promptly notify the EA of any Breach of PII without unreasonable delay no later than seven (7) calendar days after discovery of the Breach. Notifications required pursuant to this section must be in writing, given by personal

delivery, e-mail transmission (if contact information is provided for the specific mode of delivery), or by registered or certified, and must to the extent available, include a description of the Breach which includes the date of the incident and the date of discovery; the types of PII affected and the number of records affected; a description of Contractor's investigation; and the contact information for representatives who can assist the EA. Notifications required by this section must be sent to the EA's District Superintendent or other head administrator with a copy to the Data Protection Office. Violations of the requirement to notify the EA shall be subject to a civil penalty pursuant to Education Law Section 2-d. The Breach of certain PII protected by Education Law Section 2-d may subject the Contractor to additional penalties.

(b) Notifications required under this paragraph must be provided to the EA at the following address:

William Fischer
Director of Technology
355 West Oak Orchard Street
Medina, New York 14103
(585) 798-1534
DPO@medinacsd.org

# 12. Cooperation with Investigations.

Contractor agrees that it will cooperate with the EA and law enforcement, where necessary, in any investigations into a Breach. Any costs incidental to the required cooperation or participation of the Contractor or its' Authorized Users, as related to such investigations, will be the sole responsibility of the Contractor if such Breach is attributable to Contractor or its Subcontractors.

### 13. Notification to Individuals.

Where a Breach of PII occurs that is attributable to Contractor, Contractor shall pay for or promptly reimburse the EA for the full cost of the EA's notification to Parents, Eligible Students, teachers, and/or principals, in accordance with Education Law Section 2-d and 8 NYCRR Part 121.

#### 14. Termination.

The confidentiality and data security obligations of the Contractor under this DPA shall survive any termination of this DPA but shall terminate upon Contractor's certifying that it has destroyed all PII. All such obligations shall continue for as long as the Contractor or its subcontractors retain PII or retain access to PII.

# ARTICLE III: PARENT AND ELIGIBLE STUDENT PROVISIONS

# 1. Parent and Eligible Student Access.

Education Law Section 2-d and FERPA provide Parents and Eligible Students the right to inspect and review their child's or the Eligible Student's Student Data stored or maintained by the EA. To the extent Student Data is held by Contractor pursuant to the Service Agreement, Contractor shall respond within thirty (30) calendar days to the EA's requests for access to Student Data so the EA can facilitate such review by a Parent or Eligible Student, and facilitate corrections, as necessary. If a Parent or Eligible Student contacts Contractor directly to review any of the Student Data held by Contractor pursuant to the Service Agreement, Contractor shall promptly notify the EA and refer the Parent or Eligible Student to the EA.

# 2. Bill of Rights for Data Privacy and Security.

As required by Education Law Section 2-d, the Parents Bill of Rights for Data Privacy and Security and the supplemental information for the Service Agreement are included as Exhibit A and Exhibit B, respectively, and incorporated into this DPA. Contractor shall complete and sign Exhibit B and append it to this DPA. Pursuant to Education Law Section 2-d, the EA is required to post the completed Exhibit B on its website.

### ARTICLE IV: MISCELLANEOUS

## 1. Priority of Agreements and Precedence.

In the event of a conflict between and among the terms and conditions of this DPA, including all Exhibits attached hereto and incorporated herein and the Service Agreement, the terms and conditions of this DPA shall govern and prevail, shall survive the termination of the Service Agreement in the manner set forth herein, and shall supersede all prior communications, representations, or agreements, oral or written, by the Parties relating thereto.

#### 2. Execution.

This DPA may be executed in one or more counterparts, all of which shall be considered one and the same document, as if all parties had executed a single original document, and may be executed utilizing an electronic signature and/ or electronic transmittal, and each signature thereto shall be and constitute an original signature, as if all parties had executed a single original document.

[SIGNATURE PAGE TO FOLLOW]

**IN WITNESS WHEREOF,** the Parties hereto have caused this Agreement to be executed by their duly authorized representatives on the day and year first set forth above.

MEDINA CENTRAL SCHOOL DISTRICT	Aperture Education
Signature:	Signature:  Jussica Idamson  28E3B7A3E79A444
Print Name: William Fischer	Print Name: Jessica Adamson
Title: DPO	Title: Chief Executive Officer
Date: 3/29/23	Date: Mar-29-2023

# EXHIBIT A - Education Law §2-d Bill of Rights for Data Privacy and Security

Parents (including legal guardians or persons in parental relationships) and Eligible Students (students 18 years and older) can expect the following:

- A student's personally identifiable information (PII) cannot be sold or released for any Commercial or Marketing purpose. PII, as defined by Education Law § 2-d and the Family Educational Rights and Privacy Act ("FERPA"), includes direct identifiers such as a student's name or identification number, parent's name, or address; and indirect identifiers such as a student's date of birth, which when linked to or combined with other information can be used to distinguish or trace a student's identity. Please see FERPA's regulations at 34 CFR 99.3 for a more complete definition.
- 2. The right to inspect and review the complete contents of the student's education record stored or maintained by an educational agency. This right may not apply to Parents of an Eligible Student.
- 3. State and federal laws such as Education Law § 2-d; the Commissioner of Education's Regulations at 8 NYCRR Part 121, FERPA at 12 U.S.C. 1232g (34 CFR Part 99); Children's Online Privacy Protection Act ("COPPA") at 15 U.S.C. 6501-6502 (16 CFR Part 312); Protection of Pupil Rights Amendment ("PPRA") at 20 U.S.C. 1232h (34 CFR Part 98); and the Individuals with Disabilities Education Act ("IDEA") at 20 U.S.C. 1400 et seq. (34 CFR Part 300); protect the confidentiality of a student's identifiable information.
- Safeguards associated with industry standards and best practices including, but not limited to, encryption, firewalls and password protection must be in place when student PII is stored or transferred.
- A complete list of all student data elements collected by NYSED is available at <a href="www.nysed.gov/data-privacy-security/student-data-inventory">www.nysed.gov/data-privacy-security/student-data-inventory</a> and by writing to: Chief Privacy Officer, New York State Education Department, 89 Washington Avenue, Albany, NY 12234.
  - 6. The right to have complaints about possible breaches and unauthorized disclosures of PII addressed. (i) Complaints should be submitted to the EA at: William Fischer, Director of Technology at 355 West Oak Orchard Street, Medina, New York 14103 or by email at DPO@medinacsd.org . (ii) Complaints may also be submitted to the NYS Education Department at <a href="https://www.nysed.gov/data-privacy-security/report-improper-disclosure">www.nysed.gov/data-privacy-security/report-improper-disclosure</a>, by mail to: Chief Privacy Officer, New York State Education Department, 89 Washington Avenue, Albany, NY 12234; by email to <a href="mailto:privacy@nysed.gov">privacy@nysed.gov</a>; or by telephone at 518-474-0937.
- 7. To be notified in accordance with applicable laws and regulations if a breach or unauthorized release of PII occurs.
- **8.** Educational agency workers that handle PII will receive training on applicable state and federal laws, policies, and safeguards associated with industry standards and best practices that protect PII.
- Educational agency contracts with vendors that receive PII will address statutory and regulatory data privacy and security requirements.

Aperture Education	DocuSigned by:
Signature:	Jessica Adamson
Print Name: Jessica Adam	28E3B7A3E79A444 SON
Title: Chief Executive Off	icer
Date: Mar-29-2023	

# EXHIBIT B – Bill of Rights for Data Privacy and Security – Supplemental Information for Contracts that Utilize Personally Identifiable Information

Pursuant to Education Law § 2-d and Section 121.3 of the Commissioner's Regulations, the Educational Agency (EA) is required to post information to its website about its contracts with third-party contractors that will receive Personally Identifiable Information (PII).

Aperture Education		
Description of the purpose(s) for which Contractor will receive/access PII	DESSA Comprehensive Social and Emotional Learning Assessment System, an online platform used for measuring student social and emotional competence and which includes resources for teaching social and emotional skills.	
Type of PII that Contractor will receive/access	Check all that apply:  ☑ Student PII  ☐ APPR Data	
Contract Term	Contract Start Date 6/01/2023  Contract End Date The parties reserve the right to renew the contract	
Subcontractor Written Agreement Requirement	Contractor will not utilize subcontractors without a written contract that requires the subcontractors to adhere to, at a minimum, materially similar data protection obligations imposed on the contractor by state and federal laws and regulations, and the Contract. (check applicable option)  □ Contractor will not utilize subcontractors.  □ Contractor will utilize subcontractors.	
Data Transition and Secure Destruction	Upon expiration or termination of the Contract, Contractor shall:  • Securely transfer data to EA, or a successor contractor at the EA's option and written discretion, in a format agreed to by the parties.  • Securely delete and destroy data.	
Challenges to Data Accuracy	Parents, teachers or principals who seek to challenge the accuracy of PII will do so by contacting the EA. If a correction to data is deemed necessary, the EA will notify Contractor. Contractor agrees to facilitate such corrections within 21 days of receiving the EA's written request.	
Secure Storage and Data Security	Please describe where PII will be stored and the protections taken to ensure PII will be protected: (check all that apply)    Using a cloud or infrastructure owned and hosted by a third party.	

	☐ Using Contractor owned and hosted solution
	□ Other:
	Please describe how data security and privacy risks will be mitigated in a manner that does not compromise the security of the data:
Encryption	Data will be encrypted while in motion and at rest.

Aperture Education	
Signature:	
Jessica Idamson 28E3B7A3E79A444	
Print Name: Jessica Adamson	
Title: Chief Executive Officer	
Date: Mar-29-2023	

# EXHIBIT C - Contractor's Data Privacy and Security Plan

The Educational Agency (EA) is required to ensure that all contracts with a third-party contractor include a Data Security and Privacy Plan, pursuant to Education Law § 2-d and Section 121.6 of the Commissioner's Regulations. For every contract, the Contractor must complete the following or provide a plan that materially addresses its requirements, including alignment with the NIST Cybersecurity Framework, which is the standard for educational agency data privacy and security policies in New York State. While this plan is not required to be posted to the EA's website, contractors should nevertheless ensure that they do not include information that could compromise the security of their data and data systems.

1	Outline how you will implement applicable data security and privacy contract requirements over the life of the Contract.	APERTURE implements all state, federal and local data security and privacy contract requirements and has designated a privacy officer responsible for information security governance and maintains privacy policies and practices that support compliance with FERPA.
2	Specify the administrative, operational and technical safeguards and practices that you have in place to protect PII.	Application data is encrypted at rest and in transit. User credentials are encrypted at rest and in transit. Database fields are protected using FIPS-140 compliant encryption for all tables / fields containing sensitive data. All of our employees go through extensive data security training. Only authorized individuals have access to the information based on their need to access the information as a part of their responsibilities through requiring access enforcement that (i) assigns privileges to individuals based on job classification and function, (ii) restricts access based on a user's need to know, and (iii) is set to "deny all" unless specifically allowed. Application requires authentication for access to data. Access to application is through individually identifiable means (no shared logins).  Aperture System is hosted in the Google Cloud Platform. The data centers are geographically dispersed throughout the United States and comply with key industry standards for security, reliability, and availability. The data center's infrastructure undergoes exhaustive third-party auditing to ensure continued compliance to the most stringent policies, procedures, standards, and regulatory requirements across a broad scope of industries. Continuous and consistent data backups to a disparate data repository, maintained for a 30-day window.
	Address the training received by your employees and any subcontractors engaged in the	Any of APERTURE's officers or employees, and any officers or employees of any subcontractor or assignee of APERTURE, who will have access to Student Data, have received or will receive

	provision of services under the Contract on the federal and state laws that govern the confidentiality of PII.	such data prior to receiving the data or access to the data.
4	Outline contracting processes that ensure that your employees and any subcontractors are bound by written agreement to the requirements of the Contract, at a minimum.	All of our employees and subcontractors have a part of their contract that specifies their required compliance to our data security plan. Subcontractors also go through our security training.
5	Specify how you will manage any data security and privacy incidents that implicate PII and describe any specific plans you have in place to identify breaches and/or unauthorized disclosures, and to meet your obligations to report incidents to the EA.	Aperture regularly monitors vulnerabilities in underlying products (e.g., GCP, databases) and patches all critical vulnerabilities within 30 days and has Service Level Agreement that includes targets for initial response time to reports of breach of confidentiality or integrity and penalties for noncompliance. Aperture has a plan for compliance with all applicable breach notification laws. Aperture will promptly, and in no event later than 30 calendar days after the determination that a Security Breach has institute, provide the Customer with the name and contact information for an employee of the Company who shall serve as the Company's primary security contact and shall be available to assist customer twenty-four (24) hours per day, seven (7) days per week as a contact in resolving obligations associated with a Security Breach.
6	Describe how data will be transitioned to the EA when no longer needed by you to meet your contractual obligations, if applicable.	Data can be downloaded from the application prior to the end of a contract, as desired.
7	Describe your secure destruction practices and how certification will be provided to the EA.	Aperture's system automatically destroys the data 90 days after the subscription expiration or earlier upon request by means of complete de-identification of the data. We don't have a means of automatically sending a certificate after the data is de-identified (because no user information will be in the system to notify), but your Program Admin will receive emailed notifications prior to the de-identification process taking place. Aperture can provide the district a certification that no District data resides in our system upon request.

8	Outline how your data security and privacy program/practices align with the EA's applicable policies.	Our programs align with EA's policies by centering around industry security best practices. Please see the attached Data Security & Privacy Plan
9	Outline how your data security and privacy program/practices materially align with the NIST Cybersecurity Framework Version 1.1.	Sensitive application data (including student or employee data and any PII or PHI) is encrypted at rest and in transit. User, Database and other application interface credentials are encrypted at rest and in transit. Encryption keys are never stored in cleartext such as in configuration files. Cryptographic modules are FIPS-140-compliant using the National Institute of Standards and Technology's FIPS 140-1 and FIPS 140-2. Connection to database is encrypted. Database tables/fields are protected using FIPS-140-compliant encryption for all tables/fields containing sensitive data.