

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	☐

Part II	Basic Plan Information —enter all requested information
1a Name of plan DZS INC. 401(K) PLAN	1b Three-digit plan number (PN) ▶ 001
	1c Effective date of plan 01/01/1993
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) DZS INC. 5700 TENNYSON PARKWAY PLANO, TX 75024	2b Employer Identification Number (EIN) 94-3333763 2c Plan Sponsor's telephone number 510-777-7000 2d Business code (see instructions) 334200

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/05/2023	LAURA LARSEN-MISUNAS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN	
		3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:		4b EIN	
a Sponsor's name		4d PN	
c Plan Name			
5 Total number of participants at the beginning of the plan year		5	476
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).			
a(1) Total number of active participants at the beginning of the plan year		6a(1)	246
a(2) Total number of active participants at the end of the plan year		6a(2)	281
b Retired or separated participants receiving benefits		6b	9
c Other retired or separated participants entitled to future benefits.....		6c	244
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	534
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	1
f Total. Add lines 6d and 6e		6f	535
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g	519
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2T 3H 3D			
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:			
9a Plan funding arrangement (check all that apply)		9b Plan benefit arrangement (check all that apply)	
(1) ☐ Insurance		(1) ☐ Insurance	
(2) ☐ Code section 412(e)(3) insurance contracts		(2) ☐ Code section 412(e)(3) insurance contracts	
(3) ☒ Trust		(3) ☒ Trust	
(4) ☐ General assets of the sponsor		(4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)			
a Pension Schedules		b General Schedules	
(1) ☒ R (Retirement Plan Information)		(1) ☒ H (Financial Information)	
(2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary		(2) ☐ I (Financial Information – Small Plan)	
(3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		(3) ☐ 0 A (Insurance Information)	
		(4) ☒ C (Service Provider Information)	
		(5) ☒ D (DFE/Participating Plan Information)	
		(6) ☐ G (Financial Transaction Schedules)	

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan DZS INC. 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 DZS INC.	D Employer Identification Number (EIN) 94-3333763	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL
04-2647786

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
--

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
37 60 64 65	RECORDKEEPER	24518	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
ABF SM CAP VAL R5 - DST ASSET MANA 430 W 7TH STREET STE 219432 KANSAS CITY, MO 64105	0.04%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
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(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions) (complete as many entries as needed)	
a Name: CROWE LLP	b EIN: 35-0921680
c Position: ACCOUNTANT	
d Address: 3399 PEACHTREE RD NE SUITE 700 ATLANTA, GA 30326-2832	e Telephone: 404-442-1600
Explanation: CROWE ADVISED DZS THAT THEY DIDN'T HAVE THE RESOURCES TO SUPPORT THE 401K AUDIT FOR THE PLAN YEAR SINCE WE DIDN'T USE THEIR OTHER AUDIT SERVICES	

a Name:	b EIN:
c Position:	
d Address:	e Telephone:
Explanation:	

a Name:	b EIN:
c Position:	
d Address:	e Telephone:
Explanation:	

a Name:	b EIN:
c Position:	
d Address:	e Telephone:
Explanation:	

a Name:	b EIN:
c Position:	
d Address:	e Telephone:
Explanation:	

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan DZS INC. 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 DZS INC.	D Employer Identification Number (EIN) 94-3333763	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: MIP CL 2		
b Name of sponsor of entity listed in (a): FIDELITY MANAGEMENT TRUST COMPANY		
c EIN-PN 04-3022712-024	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2196871
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>DZS INC. 401(K) PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>DZS INC.</u>	D Employer Identification Number (EIN) <u>94-3333763</u>	

Part I	Asset and Liability Statement		(a) Beginning of Year	(b) End of Year
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.				
Assets				
a Total noninterest-bearing cash.....	1a		0	0
b Receivables (less allowance for doubtful accounts):				
(1) Employer contributions.....	1b(1)	24794	0	0
(2) Participant contributions.....	1b(2)	0	0	0
(3) Other.....	1b(3)	0	0	0
c General investments:				
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	5517487	5341483	5341483
(2) U.S. Government securities	1c(2)	0	0	0
(3) Corporate debt instruments (other than employer securities):				
(A) Preferred	1c(3)(A)	0	0	0
(B) All other	1c(3)(B)	0	0	0
(4) Corporate stocks (other than employer securities):				
(A) Preferred	1c(4)(A)	0	0	0
(B) Common.....	1c(4)(B)	0	0	0
(5) Partnership/joint venture interests	1c(5)	0	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0	0
(7) Loans (other than to participants).....	1c(7)	0	0	0
(8) Participant loans.....	1c(8)	90281	105516	105516
(9) Value of interest in common/collective trusts.....	1c(9)	2155594	2196871	2196871
(10) Value of interest in pooled separate accounts	1c(10)	0	0	0
(11) Value of interest in master trust investment accounts.....	1c(11)	0	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	74605936	55162629	55162629
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	0	0	0
(15) Other	1c(15)	0	0	0

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	82394092	62806499

Liabilities

g Benefit claims payable	1g	0	0
h Operating payables	1h	0	0
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	0
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	82394092	62806499
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	921696	
(B) Participants	2a(1)(B)	2868677	
(C) Others (including rollovers)	2a(1)(C)	1056571	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		4846944
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	79705	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	4730	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		84435
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1089766	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		1089766
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-177984
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-18311279
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		-12468118
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	7090278	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		7090278
f Corrective distributions (see instructions)	2f		4679
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	24518	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		24518
j Total expenses. Add all expense amounts in column (b) and enter total	2j		7119475
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-19587593
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		0

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: WHITLEY PENN LLP

(2) EIN: 75-2393478

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a	X		246462

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
4d		X	
e Was this plan covered by a fidelity bond?	X		5000000
4e	X		5000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		X	
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.		X	
4n		X	

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan DZS INC. 401(K) PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 DZS INC.		D Employer Identification Number (EIN) 94-3333763
Part I Distributions		
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 04-6568107		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)		
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III Amendments		
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.		
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....		☐ Yes ☐ No
11 a Does the ESOP hold any preferred stock?.....		☐ Yes ☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....		☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?.....		☐ Yes ☐ No
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:	
a	The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a
b	The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b
c	The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:	
a	The corresponding number for the plan year immediately preceding the current plan year.....	15a
b	The corresponding number for the second preceding plan year.....	15b
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:	
a	Enter the number of employers who withdrew during the preceding plan year	16a
b	If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐	

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

DZS INC. 401(k) PLAN

**FINANCIAL STATEMENTS
AND SUPPLEMENTAL SCHEDULES**

**Years Ended December 31, 2022 and 2021
with Report of Independent Auditors**

DZS INC. 401(k) PLAN
FINANCIAL STATEMENTS
AND SUPPLEMENTAL SCHEDULES
Years Ended December 31, 2022 and 2021

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REPORT OF INDEPENDENT AUDITORS

To the DZS 401(k) Retirement Plan Committee of the
DZS Inc. 401(k) Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed an audit of the financial statements of DZS Inc. 401(k) Plan (the “Plan”), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (“ERISA”), as permitted by ERISA Section 103(a)(3)(C) (“ERISA Section 103(a)(3)(C) audit”). The financial statements comprise the statement of net assets available for benefits as of December 31, 2022, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the Plan’s financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor’s (“DOL”) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (“investment information”) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the DOL’s Rules and Regulations for Reporting and Disclosure under ERISA (“qualified institution”).

Management has obtained a certification from a qualified institution as of and for the year ended December 31, 2022, stating that the certified investment information, as described in Note D to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audit and on the procedures performed as described in the Auditor’s Responsibilities for the Audit of the Financial Statements section:

- the amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (“GAAP”).
- the information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (“GAAS”). Our responsibilities under those standards are further described in the Auditor’s Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with GAAP, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management’s election of the ERISA Section 103(a)(3)(C) audit does not affect management’s responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan’s ability to continue as a going concern for one year after the date that the financial statements are issued.

Management is also responsible for maintaining a current Plan instrument, including all Plan amendments, administering the Plan, and determining that the Plan’s transactions that are presented and disclosed in the financial statements are in conformity with the Plan’s provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor’s Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor’s report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with GAAP.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matters – Supplemental Schedules Required by ERISA

The supplemental schedules of Form 5500, Schedule H, Line 4a – Schedule of Delinquent Participant Contributions and Form 5500, Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of and for the year ended December 31, 2022, are presented for the purpose of additional analysis and are not a required part of the financial statements but are supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Auditor's Report on the 2021 Financial Statements

Predecessor auditors performed an audit of the 2021 financial statements of DZS Inc. 401(k) Plan. In accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA, the prior year audit did not extend to any statements or information related to assets held for investment of the Plan that were certified by a qualified institution.

Their report dated October 4, 2022, indicated that (a) the amounts and disclosures in the 2021 financial statements, other than those agreed to or derived from the certified investment information, were presented fairly, in all material respects, in accordance with GAAP, and (b) the information in the 2021 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C). Their report also indicated that the form and content of the 2021 supplemental schedule, other than the information in the 2021 supplemental schedule that agreed to or is derived from the certified investment information, were presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA; and the information in the 2021 supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determines meets the requirements of ERISA Section 103(a)(3)(C).

A handwritten signature in black ink that reads "Whitley Penn LLP". The signature is written in a cursive, flowing style.

Plano, Texas
October 4, 2023

DZS INC. 401(k) PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

	December 31,	
	2022	2021
Assets		
Investments, at fair value	\$ 62,700,983	\$ 82,260,001
Receivables:		
Employer	-	24,794
Notes receivable from participants	105,516	90,281
Total receivables	105,516	115,075
Net assets available for benefits	\$ 62,806,499	\$ 82,375,076

See accompanying notes to financial statements.

DZS INC. 401(k) PLAN

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

Year Ended December 31, 2022

Reductions from Net Assets

Investment income (loss):

Net realized and unrealized loss on investments	\$ (18,470,313)
Interest and dividends	<u>1,169,471</u>
Total investment loss	<u>(17,300,842)</u>

Interest on notes receivable from participants	4,730
--	-------

Contributions:

Participant	2,868,677
Employer	921,696
Rollovers	<u>1,056,571</u>
Total contributions	<u>4,846,944</u>

Total reductions from net assets	(12,449,168)
----------------------------------	--------------

Deductions from Net Assets

Benefits paid to participants	7,094,957
Administrative expenses	<u>24,452</u>
Total deductions from net assets	<u>7,119,409</u>

Net decrease in net assets available for benefits	(19,568,577)
---	--------------

Net assets available for benefits at beginning of year	<u>82,375,076</u>
--	-------------------

Net assets available for benefits at end of year	<u><u>\$ 62,806,499</u></u>
--	-----------------------------

See accompanying notes to financial statements.

DZS INC. 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

A. Description of the Plan

General

The following description of the DZS Inc. 401(k) Plan (the “Plan”), provides only general information. Participants should refer to the Plan document for a more complete description of the Plan’s provisions. The Company’s corporate offices are in Plano, Texas.

The Plan was effective January 1, 1993, restated most recently effective March 18, 2022, and is a defined contribution plan available to all employees upon hire of the Company who have attained age 18. All employees of the Company are eligible to participate in the Plan, except for those employees covered by a collective bargaining agreement. Eligible employees may enter the Plan immediately upon meeting the eligibility requirement of age 18. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”).

The purpose of the Plan is to encourage the Company’s employees to save and invest, systematically, a portion of their current compensation so that they and their families may have a source of additional income upon their retirement, or in the event of death.

Contributions

Participants may contribute up to 75% of pre-tax annual compensation, as defined by the Plan. In addition, participants may contribute designated Roth (after tax) contributions. All contributions are subject to limitations on annual additions and other limitations imposed by the Internal Revenue Code (the “Code”) as defined in the Plan document. Eligible participants may make a rollover contribution to the Plan.

Participants who are eligible to make salary deferral contributions under the Plan and who have attained age 50 before the close of the year may make catch-up contributions in accordance with, and subject to the limitations imposed by the Code.

The Plan includes an auto-enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rate set at 3% of eligible compensation and their contributions invested in a designated balanced fund until changed by the participant. In addition, unless these participants opt out of participation, their deferral rate increases by 1% (up to 10%) annually.

The Company may make discretionary matching contributions to the Plan which is determined annually. Participants must be employed on the last day of the year, and complete 1,000 hours of service during the year to be eligible to receive discretionary matching contributions. For the year ended December 31, 2022, the Company made discretionary matching contribution of \$921,696.

DZS INC. 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS (continued)

A. Description of the Plan – continued

Contributions – continued

The Plan also allows for a discretionary profit sharing contribution. A participant must complete at least 1,000 hours of service during the year and be employed as of the end of the Plan year to be eligible. No discretionary profit sharing contribution has been made for the year ended December 31, 2022.

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of: (a) the Company's contribution; and (b) Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings or account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

Vesting

Participants are immediately vested in their voluntary contributions and discretionary matching employer contributions plus actual earnings thereon. Vesting in the Company discretionary profit sharing contributions, plus actual earnings thereon is as follows:

<u>Years of Service</u>	<u>Vested Percentage</u>
Less than 2 years	0%
2 years	20%
3 years	40%
4 years	60%
5 years	80%
6 years	100%

In the event of disability, early retirement, or death, the participant will become fully vested.

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum amount equal to the lesser of \$50,000 or 50% of their account balance. Loan terms range up to five years or longer for the purchase of a primary residence. The loans are secured by the balance in the participant's account and bear interest at a rate commensurate with local prevailing rates as determined by the Company. As of December 31, 2022 and 2021, interest rates range from 4.25% to 8.00% and 4.25% to 6.50%, respectively. Principal and interest are paid ratably through payroll deductions. Participant loans are classified as notes receivable from participants in the Plan's financial statements.

DZS INC. 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS *(continued)*

A. Description of the Plan – continued

Benefit Payments

Participants withdrawing during the year for reasons of service or disability, retirement, death, or termination are entitled to their vested account balance. Benefits are distributed in the form of rollovers or lump sum payments. If withdrawing participants are not entitled to their entire account balance, the amounts not received are forfeited.

Certain in-service withdrawals are allowed. A participant may also elect to withdraw all or a portion of their vested account balance while employed after reaching age 59 ½. A participant may receive a hardship distribution from salary reduction contributions if the distribution is: (1) on account of uninsured medical expenses incurred by the participant, their spouse, or dependents; (2) to purchase a principal residence of the participant; (3) for the payment of post-secondary tuition expenses; (4) needed to prevent eviction of the participant from their principal residence or foreclosure upon the mortgage of the participant's principal residence; (5) payments for burial or funeral expenses for the participant's parent, spouse, children or dependents; (6) expenses for the repair of damage to the participant's principal residence; or (7) expenses and losses (including loss of income) incurred by participant on account of a disaster declared by the Federal Emergency Management Agency.

Forfeitures

Forfeited balances of terminated participants' non-vested accounts are used to first pay Plan administrative expenses and then to offset employer matching contributions and non-elective contributions for the year. No forfeitures were allocated to reduce matching contributions during the year ended December 31, 2022. There were no unallocated forfeitures outstanding as of December 31, 2022 and 2021.

Investment Options

Upon enrollment in the Plan, a participant may direct their salary deferrals into various investment options offered by the Plan. The Plan allows participants to direct their contributions and account balances among various investment options. Participants may change their investment elections at any time.

Plan Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Plan recordkeeping and trustee fees are paid by the Plan and are reflected in the financial statements as administrative expenses. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment management fees are charged to the Plan as a reduction of investment return and included in the investment loss reported by the Plan.

DZS INC. 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS *(continued)*

B. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements of the Plan are presented on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (“GAAP”).

Use of Estimates

The preparation of the financial statements in conformity with GAAP requires the plan administrator to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results may differ from these estimates.

Contributions

Contributions from the Company and participants are accrued as they become obligations of the Company, as determined by the Plan’s administrator, and in the period in which they are deducted, in accordance with salary deferral agreements.

Investment Valuation and Income

The investments of the Plan are stated at fair value as of the end of the year and are subject to market or credit risks customarily associated with equity investments. Fair value measurements are determined in accordance with GAAP, which defines fair value, establishes a framework for measuring fair value, and expands disclosures about assets and liabilities measured at fair value. See Note C for information related to the Plan’s valuation methodologies.

Investment gains and losses are accounted for using the average cost basis of the securities sold. The net realized and unrealized gains and losses on investments include realized gains and losses on sales of investments during the year and unrealized increases or decreases in the market value of investments held at year end. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Notes Receivable from Participants

Notes receivable from participants are reported at their unpaid principal balance plus any accrued but unpaid interest, with no allowance for credit losses, as repayments of principal and interest are received through payroll deductions and the notes are collateralized by the participants’ account balances. Related fees are recorded as administrative expenses and are expensed when they are incurred.

Payment of Benefits

Benefits are recorded when paid.

DZS INC. 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS (*continued*)

C. Fair Value Measurements

GAAP defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date and establishes a three-tier hierarchy that is used to identify assets and liabilities measured at fair value. The hierarchy focuses on the inputs used to measure fair value. The three levels defined are as follows:

- Level 1 — observable inputs that are based upon quoted market prices for identical assets or liabilities within active markets.
- Level 2 — observable inputs other than Level 1 that are based upon quoted market prices for similar assets or liabilities, based upon quoted prices within inactive markets, or inputs other than quoted market prices that are observable through market data for substantially the full term of the asset or liability.
- Level 3 — inputs that are unobservable for the particular asset or liability due to little or no market activity and are significant to the fair value of the asset or liability. These inputs reflect assumptions that market participants would use when valuing the particular asset or liability.

GAAP requires that management describe the methodologies used to measure the fair value of assets and liabilities. The methodologies used to measure the fair value of the Plan's investments are as follows:

- Mutual funds are valued at the published per share net asset value of shares held by the Plan and are classified within Level 1 of the valuation hierarchy. There are no significant restrictions on redeeming these investments at net asset value.
- Common collective trust fund is composed primarily of fully-benefit responsive investment contracts that is valued at the net asset value of units of the bank collective trust. The net asset value is used as a practical expedient to estimate fair value. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported net asset value. Participant transactions (purchases and sales) may occur daily. If the Plan initiates a full redemption of the collective trust, the issuer reserves the right to require 12 months' notification in order to ensure that securities liquidations will be carried out in an orderly business manner.

There have been no changes in the methodologies used at December 31, 2022 and 2021. The following table details the Plan's investments at fair value by level, within the fair value hierarchy, as of December 31, 2022 and 2021. The Plan has no assets classified within Level 2 or Level 3 of the valuation hierarchy.

DZS INC. 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS (continued)

C. Fair Value Measurements – continued

	2022			
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 60,504,112	\$ -	\$ -	\$ 60,504,112
Common collective trust ^(a)	-	-	-	2,196,871
Total investments at fair value	\$60,504,112	\$ -	\$ -	<u>\$ 62,700,983</u>

	2021			
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 80,123,422	\$ -	\$ -	\$ 80,123,422
Common collective trust ^(a)	-	-	-	2,136,579
Total investments at fair value	\$80,123,422	\$ -	\$ -	<u>\$ 82,260,001</u>

^(a) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statement of net assets available for benefits.

These items are classified in their entirety based on the lowest priority level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement requires judgment and may affect the placement of assets and liabilities within the levels of the fair value hierarchy.

The following table summarizes investments for which fair value is measured using the net asset value per share practical expedient as of December 31, 2022 and 2021, respectively. There are no participant redemption restrictions for these investments; the redemption notice period is applicable only to the Plan.

DZS INC. 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS *(continued)*

C. Fair Value Measurements – continued

December 31, 2022	Fair Value	Unfunded Commitments	Redemption	
			Frequency (If Currently Eligible)	Redemption Notice Period
Fidelity Managed Income Portfolio Class 2	\$ 2,196,871	N/A	Daily	12 months
December 31, 2021	Fair Value	Unfunded Commitments	Redemption Frequency (If Currently Eligible)	Redemption Notice Period
Fidelity Managed Income Portfolio Class 2	\$ 2,136,579	N/A	Daily	12 months

D. Certified Investments

Certain information related to investments and notes receivable from participants disclosed in the accompanying financial statements and ERISA-required supplemental schedules, including investments and notes receivable from participants held at December 31, 2022 and 2021, and net realized/unrealized losses on investments, interest and dividends, and interest income on notes receivable from participants for the year ended December 31, 2022, was obtained by management and agreed to or derived from information certified as complete and accurate by Fidelity Management Trust Company (trustee of the plan).

E. Tax Status

Effective March 18, 2022, the Plan adopted the Fidelity Pre-Approved Defined Contribution Plan, which has a favorable opinion letter from the Internal Revenue Service (“IRS”) dated June 30, 2020, indicating that the prototype adopted by the Plan, as then designed, was in compliance with applicable requirements of the Internal Revenue Code (“IRC”). Although the Plan has been amended from the original prototype document, Plan management believes that the Plan is currently being operated in accordance with the Internal Revenue Code and that the Plan continues to be tax exempt.

Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Company believes that the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan was qualified, and the related trust was tax-exempt as of the financial statement date.

DZS INC. 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS *(continued)*

E. Tax Status – continued

GAAP requires management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan Administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2022, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

F. Plan Termination

Although it has not expressed any intention to do so, the Company has the right under the Plan to terminate the Plan subject to the provisions set forth in ERISA. In the event the Plan terminates, all amounts credited to participant's accounts will become 100% vested.

G. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market, and credit risks. Market risks include global events which could impact the value of investment securities, such as a pandemic or international conflict. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statement of net assets available for benefits.

H. Parties-in-Interest Transactions

Party in interest transactions include those with fiduciaries or employees of the Plan, any person who provides services to the Plan, an employer whose employees are covered by the Plan, an employee organization whose members are covered by the Plan, a person who owns 50% or more of such an employer or employee organization, or relatives of such persons.

The Plan invests in shares of mutual funds managed by Fidelity Management Trust Company. Fidelity Management Trust Company acts as trustee for only those investments as defined by the Plan. Transactions in such investments, as well as loans made to participants, qualify as party in interest transactions, which are exempt from the prohibited transaction rules. The Plan paid certain expenses related to plan operations and investment activity to various service providers. These transactions are party in interest transactions under ERISA which are exempt from the prohibited transaction rules.

DZS INC. 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS *(continued)*

I. Reconciliation of Financial Statements to Form 5500

The following is a reconciliation of net assets available for benefits as of December 31, 2022 and 2021, per the accompanying financial statements to the Form 5500:

	<u>2022</u>	<u>2021</u>
Net assets available for benefits per the financial statements	\$62,806,499	\$82,375,076
Net prior year fair value common collective trust adjustment	-	88,028
Difference in fair value of collective trust	<u>-</u>	<u>(69,012)</u>
Net assets available for benefits per the Form 5500	<u>\$62,806,499</u>	<u>\$82,394,092</u>

The following is a reconciliation of the net decrease in net assets available for benefits for the year ended December 31, 2022, per the accompanying financial statements to the Form 5500:

Net decrease in net assets available for benefits per the financial statements	\$ (19,568,577)
Difference in fair value of common collective trust	<u>(19,016)</u>
Net decrease in net assets available for benefits per the Form 5500	<u>\$ (19,587,593)</u>

The reconciling items noted above are due to the difference in the method of accounting used in preparing the Form 5500 as compared to the Plan's financial statements.

J. Subsequent Events

In preparing the accompanying financial statements, management has evaluated all subsequent events and transactions for potential recognition or disclosure through October 4, 2023, the date the financial statements were available for issuance.

SUPPLEMENTAL SCHEDULES

DZS INC. 401(k) PLAN

FORM 5500, SCHEDULE H, LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS

Year Ended December 31, 2022

EIN: 94-3333763

Plan#: 001

Participant Contributions Transferred Late to Plan (Check here if Late Participant Loan Repayments are included) ☒	Total that Constitutes Nonexempt Prohibited Transactions			Total Fully Corrected Under VFCP and PTE 2002-51
	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
*** \$ 246,462	\$ 246,462	\$ -	\$ -	\$ -

*** Represents 2022 delinquent participant contributions and loan repayments that were remitted to the Plan in 2022 but for which lost earnings and excise taxes are pending correction.

DZS INC. 401(k) PLAN

FORM 5500, SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

December 31, 2022

EIN: 94-3333763

Plan #: 001

(a)	(b) Identity of issuer, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current Value
*	Fidelity	Growth Company K6 Fund	**	\$ 13,901,576
	Vanguard	Institutional Index Fund	**	10,920,270
*	Fidelity	OTC Portfolio K6 Fund	**	6,095,264
	Vanguard	Treasury Money Market Fund	**	5,341,483
*	Fidelity	Low-Priced Stock K6 Fund	**	2,706,323
*	Fidelity	Managed Income Portfolio Class 2	**	2,196,871
	Vanguard	Total Bond Market Admiral Fund	**	2,128,233
*	Fidelity	Diversified International K6 Fund	**	2,041,913
*	Fidelity	Freedom Index 2030 Fund	**	1,981,675
*	Fidelity	Freedom Index 2025 Fund	**	1,743,932
*	Fidelity	Freedom Index 2040 Fund	**	1,610,264
*	Fidelity	Freedom Index 2020 Fund	**	1,423,987
*	Fidelity	Total Bond K6 Fund	**	1,363,442
*	Fidelity	Puritan K6 Fund	**	1,184,167
	Putnam	Equity Income Fund Class R6	**	1,011,952
	Vanguard	Small Cap Growth Index Admiral Fund	**	842,598
*	Fidelity	Freedom Index 2035 Fund	**	829,556
	Vanguard	Mid-Cap Growth Investor Fund	**	790,595
*	Fidelity	Freedom Index 2010 Fund	**	732,635
*	Fidelity	Freedom Index 2015 Fund	**	599,917
*	Fidelity	Freedom Index 2045 Fund	**	539,959
	American Beacon	Small Cap Value R6 Institutional Fund	**	538,213
*	Fidelity	Freedom Index 2055 Fund	**	428,297
*	Fidelity	Freedom Index 2050 Fund	**	371,578
*	Fidelity	Extended Market Index Premium	**	313,545
*	Fidelity	Freedom Index 2005 Fund	**	292,263
	Dimensional Fund Advisors	International Small Company I Fund	**	214,420
*	Fidelity	Freedom Index Income Fund	**	211,195
	Vanguard	Developed Markets Index Admiral Fund	**	205,239
*	Fidelity	Freedom Index 2060 Fund	**	83,895
*	Fidelity	Freedom Index 2065 Fund	**	55,726
*	Participant loans	Interest rates ranging from 4.25% to 8.00% with various due dates	-0-	105,516
				<u>\$ 62,806,499</u>

* A party-in-interest as defined by ERISA

** Cost omitted for participant directed investments

DZS INC. 401(k) PLAN

FORM 5500, SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

December 31, 2022

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DZS INC. 401(k) PLAN

FORM 5500, SCHEDULE H, LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS

Year Ended December 31, 2022

EIN: 94-3333763

Plan#: 001

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*** Represents 2022 delinquent participant contributions and loan repayments that were remitted to the Plan in 2022 but for which lost earnings and excise taxes are pending correction.