

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 2021 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2021 or fiscal plan year beginning <u>01/01/2021</u> and ending <u>12/31/2021</u>	
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 ☐ an amended return/report ☐ the final 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 ☐ special extension (enter description) ☐ automatic extension ☐ the DFVC program
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 <u>IDERA 401(K) SAVINGS PLAN</u>						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">1b</td> <td>Three-digit plan number (PN) ▶ <u>001</u></td> </tr> <tr> <td>1c</td> <td>Effective date of plan <u>01/01/2002</u></td> </tr> </table>	1b	Three-digit plan number (PN) ▶ <u>001</u>	1c	Effective date of plan <u>01/01/2002</u>		
1b	Three-digit plan number (PN) ▶ <u>001</u>						
1c	Effective date of plan <u>01/01/2002</u>						
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) <u>IDERA, INC.</u> <u>2950 N LOOP FWY WEST</u> <u>SUITE 700</u> <u>HOUSTON, TX 77092</u>						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">2b</td> <td>Employer Identification Number (EIN) <u>76-0662481</u></td> </tr> <tr> <td>2c</td> <td>Plan Sponsor's telephone number <u>713-533-6060</u></td> </tr> <tr> <td>2d</td> <td>Business code (see instructions) <u>541519</u></td> </tr> </table>	2b	Employer Identification Number (EIN) <u>76-0662481</u>	2c	Plan Sponsor's telephone number <u>713-533-6060</u>	2d	Business code (see instructions) <u>541519</u>
2b	Employer Identification Number (EIN) <u>76-0662481</u>						
2c	Plan Sponsor's telephone number <u>713-533-6060</u>						
2d	Business code (see instructions) <u>541519</u>						

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.	10/14/2022	LAURIE CRAWFORD
	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 (2021)
v. 210624

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: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	501
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)	286
a(2) Total number of active participants at the end of the plan year		6a(2)	263
b Retired or separated participants receiving benefits.....		6b	1
c Other retired or separated participants entitled to future benefits		6c	282
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	546
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	2
f Total. Add lines 6d and 6e		6f	548
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	523
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: 2F 2G 2J 2K 2S 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) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (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 (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ <u>0</u> 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 2021 Form M-1 annual report. If the plan was not required to file the 2021 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
			2021
			This Form is Open to Public Inspection.

For calendar plan year 2021 or fiscal plan year beginning **01/01/2021** and ending **12/31/2021**

A Name of plan IDERA 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 IDERA, INC.	D Employer Identification Number (EIN) 76-0662481	

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

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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)

RAYMOND JAMES FINANCIAL SERVICES

59-2937883

(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?
27	ADVISOR	78627	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(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	28434	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 ☐

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)

(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 ☐

(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.	
AF TRGT DATE 2010 R5 - AMERICAN FU 95-2566717	0.05%	
(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.	
AF TRGT DATE 2015 R5 - AMERICAN FU 95-2566717	0.05%	
(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.	
AF TRGT DATE 2020 R5 - AMERICAN FU 95-2566717	0.05%	

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.	
AF TRGT DATE 2025 R5 - AMERICAN FU 95-2566717	0.05%	
(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.	
AF TRGT DATE 2030 R5 - AMERICAN FU 95-2566717	0.05%	
(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.	
AF TRGT DATE 2035 R5 - AMERICAN FU 95-2566717	0.05%	

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.
AF TRGT DATE 2040 R5 - AMERICAN FU 95-2566717	0.05%

(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.
AF TRGT DATE 2045 R5 - AMERICAN FU 95-2566717	0.05%

(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.
AF TRGT DATE 2050 R5 - AMERICAN FU 95-2566717	0.05%

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.	
AF TRGT DATE 2055 R5 - AMERICAN FU 95-2566717	0.05%	
(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.	
AF TRGT DATE 2060 R5 - AMERICAN FU 95-2566717	0.05%	
(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.	
AMCENT INFL ADJBD R5 - AMERICAN CE 44-0619208	0.05%	

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.	
BLKRK GLOBAL ALLOC I - BNY MELLON 301 BELLEVUE PARKWAY WILMINGTON, DE 19809	0.25%	
(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.	
BLKRK HI YLD BD INST - BNY MELLON 301 BELLEVUE PARKWAY WILMINGTON, DE 19809	0.25%	
(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.	
CB INTL GRTH I - BNY MELLON INVEST 301 BELLEVUE PARKWAY WILMINGTON, DE 19809	0.15%	

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.	
COL STRAT INCOME ADV - COLUMBIA MG 14785 PRESTON ROAD, SUITE 1000 DALLAS, TX 75254	0.25%	
(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.	
CRLN S MID CAP I - U.S. BANK N.A 31-0841368	0.15%	
(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.	
GS INTL EQ ESG INST - GOLDMAN SACH 13-5108880	0.10%	

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.	
J H ENTERPRISE I - JANUS SERVICES 43-1804048	0.10%	
(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.	
JPM SMCP SUST LDR R5 - JPMORGAN DI 1 FEDERAL ST BOSTON, MA 02110	0.10%	
(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.	
TRP INTL DPL EQ ADV - T. ROWE PRIC 52-2269240	0.40%	

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
(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

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

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:

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

Explanation:

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
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 2021 This Form is Open to Public Inspection
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021		
A Name of plan IDERA 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 IDERA, INC.		
D Employer Identification Number (EIN) 76-0662481		

Part I	Asset and Liability Statement
---------------	--------------------------------------

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) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	0
(2) Participant contributions.....	1b(2)	0	0
(3) Other	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	1058852	1444181
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans	1c(8)	154921	234384
(9) Value of interest in common/collective trusts	1c(9)	452123	0
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	40219064	48608593
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	0	0
(15) Other.....	1c(15)	0	0

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(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 41884960	50287158
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 41884960	50287158

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.

		(a) Amount	(b) Total
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A) 0	
	(B) Participants	2a(1)(B) 2400670	
	(C) Others (including rollovers).....	2a(1)(C) 421019	
(2)	Noncash contributions.....	2a(2) 0	2821689
(3)	Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2)	2a(3)	
b	Earnings on investments:		
(1)	Interest:		
	(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A) 171	
	(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) 7460	
	(F) Other	2b(1)(F) 0	
	(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)	7631
(2)	Dividends: (A) Preferred stock.....	2b(2)(A) 0	2900027
	(B) Common stock	2b(2)(B) 0	
	(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C) 2900027	
	(D) Total dividends. Add lines 2b(2)(A), (B), and (C)	2b(2)(D)	2900027
(3)	Rents	2b(3)	0
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A) 0	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)	
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A) 0	0
	(B) Other	2b(5)(B) 0	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		52
(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)		3986919
c Other income.....	2c		0
d Total income. Add all income amounts in column (b) and enter total.....	2d		9716318
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	4511510	
(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)		4511510
f Corrective distributions (see instructions).....	2f		0
g Certain deemed distributions of participant loans (see instructions).....	2g		11752
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)	107062	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		107062
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		4630324
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		5085994
l Transfers of assets:			
(1) To this plan.....	2l(1)		3316204
(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: WEINSTEIN SPIRA & CO., P.C.

(2) EIN: 74-2181616

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		2110

	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.)			
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.)			
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.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		500000
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?			
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?			
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.)			
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?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
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.			
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 2021 This Form is Open to Public Inspection.
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan <u>IDERA 401(K) SAVINGS 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>IDERA, INC.</u>	D Employer Identification Number (EIN) <u>76-0662481</u>

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): <u>04-6568107</u>	
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
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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
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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.
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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) 2021
v. 201209

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (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 _____

Idera 401(k) Savings Plan

Annual Financial Report
Houston, Texas
December 31, 2021



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All other schedules listed by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 are omitted, as they are not applicable.

Independent Auditor's Report

July 29, 2022

Plan Administrator
Idera 401(k) Savings Plan
Houston, Texas

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2021 Financial Statements

We have performed an audit of the financial statements of the Idera 401(k) Savings 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, 2021, 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 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 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 Department of Labor'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, 2021, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion on the 2021 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the 2021 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.
- 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 on the 2021 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the 2021 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 2021 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, 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, which raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions and 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 2021 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2021 Financial Statements 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 auditing standards generally accepted in the United States of America 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.

July 29, 2022
Idera 401(k) Savings Plan

In performing an audit in accordance with auditing standards generally accepted in the United States of America, 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, which 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 accounting principles generally accepted in the United States of America.

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 accounting principles generally accepted in the United States of America.

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 Schedule H, Line 4a - Schedule of Delinquent Participant Contributions for the year ended December 31, 2021, and supplemental Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2021, are presented for purposes of additional analysis and are not a required part of the financial statements, but are supplementary information required by the Department of Labor'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 auditing standards generally accepted in the United States of America. 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 Department of Labor'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, is presented, in all material respects, in conformity with the Department of Labor'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).

July 29, 2022
Idera 401(k) Savings Plan

Auditor's Report on the 2020 Financial Statements

We were engaged to audit the 2020 financial statements of the Plan. As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information certified by a qualified institution. In our report dated July 26, 2021, we indicated that (a) because of the significance of the information that we did not audit, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, we did not express an opinion on the 2020 financial statements, and (b) the form and content of the information included in the 2020 financial statements, other than that derived from the certified information, were presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Weinstein Spira & Company P.C.

WEINSTEIN SPIRA & COMPANY, P.C.
Houston, Texas

**IDERA 401(k) SAVINGS PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS**

	<u>December 31,</u>	
	<u>2021</u>	<u>2020</u>
ASSETS		
Investments, at fair value	\$ 50,052,774	\$ 41,730,039
Notes Receivable from Participants	<u>234,384</u>	<u>154,921</u>
Net Assets Available for Benefits	<u><u>\$ 50,287,158</u></u>	<u><u>\$ 41,884,960</u></u>

See independent auditor's report and accompanying notes to financial statements.

IDERA 401(k) SAVINGS PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
For the Year Ended December 31, 2021

Contributions:

Employee	\$ 2,400,670
Rollover	<u>421,019</u>

Total Contributions	2,821,689
---------------------	-----------

Investment Income:

Net appreciation in fair value of investments	3,986,919
Interest, dividends and other	<u>2,900,250</u>

Total Investment Income	6,887,169
-------------------------	-----------

Interest Income on Notes Receivable from Participants	7,939
---	-------

Benefit Payments	(4,523,741)
------------------	-------------

Administrative Expenses	<u>(107,062)</u>
-------------------------	------------------

Net Increase in Net Assets Available for Benefits Prior to Transfer In	5,085,994
---	-----------

Transfer In from Affiliated Plan	<u>3,316,204</u>
----------------------------------	------------------

Net Increase in Net Assets Available for Benefits	8,402,198
---	-----------

Net Assets Available for Benefits - Beginning of Year	<u>41,884,960</u>
---	-------------------

Net Assets Available for Benefits - End of Year	<u><u>\$ 50,287,158</u></u>
---	-----------------------------

See independent auditor's report and accompanying notes to financial statements.

**IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2021 and 2020**

Note 1 - Plan Description

The following brief description of the Idera 401(k) Savings Plan (the Plan) is provided for general information only. Participants should refer to the plan document for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan covering eligible employees of Idera, Inc. and participating employers (collectively, the Company) and is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA). The Plan was adopted by the Company on January 1, 2002 and has since been amended and restated.

Idera, Inc. has appointed an employee of the Company to serve as the plan administrator. Fidelity Management Trust Company (Fidelity) serves as the Plan's trustee.

The Company acquired Qubole, Inc. in December 2020. Employees of Qubole, Inc. continued to participate in the Qubole, Inc. Retirement Trust (Qubole Plan) until Qubole, Inc. adopted the Plan on March 15, 2021. Assets from the Qubole Plan equal to \$3,316,204 were transferred to the Plan in March 2021.

Eligibility

Participation in the Plan is available for all eligible employees, as defined, who are at least 18 years of age. The Plan includes a savings feature designed to permit the employee and the Company to contribute to the Plan, at amounts allowable under Section 401(k) of the Internal Revenue Code (IRC).

Contributions

Employee pre-tax and Roth contributions are made to the Plan by electing to contribute up to 90% of the employee's compensation, as defined, subject to the maximum limits allowed by law. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants may also make rollover contributions from other qualified plans.

Eligible employees automatically begin deferring 6% of their compensation for each payroll period, unless an affirmative election not to contribute or to contribute at a different percentage is made by the employee. The contributions are made on a pre-tax basis unless the employee affirmatively designates that any portion or all of the contributions be treated as Roth contributions. Eligible employees will have their automatic deferral percentage increased by 1% each year up to a maximum of 15%, unless otherwise instructed by the employee.

The Company may elect to make matching contributions equal to a discretionary percentage, to be determined by the Company, of an employee's elective deferral. No matching contributions were made for the year ended December 31, 2021.

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Participant Accounts

Participants direct the investment of their accounts into various investment options offered by the Plan. Under the Plan, earnings and losses are allocated to the participants' accounts daily according to an allocation formula provided in the plan document.

Vesting and Forfeitures

Participants are immediately vested in their contributions plus actual earnings thereon. Vesting in Company contributions is based on years of service. A participant is 0% vested through the first two years of service, at which point they become 100% vested. As further defined in the plan document, participants from certain merged plans are subject to grandfathered vesting schedules on their employer contributions received prior to being merged into the Plan.

There were \$65 and \$2,666 of forfeitures available at December 31, 2021 and 2020, respectively. Included in these balances are forfeitures transferred in from previously merged plans. Forfeitures are first used to pay plan expenses, then to reduce future matching contributions. For the year ended December 31, 2021, \$6,494 of forfeitures were utilized to pay plan expenses.

Benefit Payments

Distributions may be made to participants upon termination of employment, death, disability or retirement. Under certain circumstances, participants may withdraw the value of their account while still employed for reasons of financial hardship, upon the attainment of age 59½ and for other such reasons. Distributions from the Plan may be paid in the form of a lump sum distribution or installment payments at the discretion of the participant. Upon withdrawal from the Plan or termination of employment, participants with an account balance of \$1,000 or less shall receive an automatic lump sum distribution from the Plan. For participants with an account balance greater than \$1,000 but less than \$5,000, the plan administrator shall make a direct rollover into an individual retirement account. Withdrawals from the Plan may be subject to income tax on contributions and income earned.

Notes Receivable from Participants

Notes receivable from participants are loans to participants secured by the vested portion of their accounts. Participants may borrow from their accounts up to a maximum amount equal to the lesser of \$50,000 or 50% of their vested interest in the Plan. The minimum loan is \$1,000. Loans to participants are secured by their participant account balance as allowed by the Plan and will bear a reasonable rate of interest as determined by the plan administrator based on prevailing interest rates at the time of loan origination. Principal and interest are generally repaid through payroll deductions. Loans are to be repaid within five years unless the purpose of the loan is to acquire a principal residence, which allows the loan to extend to 10 years. With the exception of certain loans that were transferred into the Plan from an acquired company, a participant may only have one loan outstanding at any given time.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Note 2 - Accounting Policies

Basis of Accounting

The accompanying financial statements have been prepared using the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (GAAP).

Investment Valuation and Income Recognition

Investments are stated at fair value. Fair value is 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. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. The net appreciation or depreciation in the fair value of investments includes realized gains and losses on investments sold during the year as well as appreciation and depreciation of investments held at the end of the year.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest is recorded on the accrual basis. No allowance for credit losses has been recorded as of December 31, 2021 or 2020, as the notes are collateralized by the participants' account balances. In general, notes receivable from participants are placed into default in the calendar quarter following the quarter in which no payment on the note is made and such defaults are recognized as distributions based upon the terms of the plan document when a distributable event has occurred.

Benefit Payments

Benefit payments are recorded when paid.

Administrative Expenses

Loan fees and certain transactional charges are paid by the participants. All other administrative costs are paid by the Plan unless paid by the Company, at its discretion. Investment related expenses are included in the net appreciation or depreciation in the fair value of investments.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires the plan administrator to make estimates and assumptions that affect the reported amounts of assets, liabilities, and changes therein and the disclosure of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the value of investments will occur in the near term and may impact participants' account balances and the amounts reported in the financial statements.

Subsequent Events

Management of the Plan evaluates events occurring subsequent to the date of the financial statements in determining the accounting for and disclosure of transactions and events that affect the financial statements. Subsequent events have been evaluated through July 29, 2022, which is the date the financial statements were available to be issued. See Note 9.

Note 3 - Information Certified by the Trustee

The plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the plan administrator has obtained a certification from Fidelity as of December 31, 2021 and 2020, and for the year ended December 31, 2021, that all of the information provided is complete and accurate. Information included in the accompanying financial statements, the notes to the financial statements and the supplemental schedule of assets (held at end of year) as to investments, notes receivable from participants, investment income, interest income on notes receivable from participants, and all the related information in the supplemental schedule is presented in reliance solely upon this certification.

The Plan's independent auditor did not perform auditing procedures with respect to this information, except for comparing such information to the related information included in the financial statements, the accompanying notes to the financial statements, and the supplemental schedule of assets (held at end of year).

Note 4 - Fair Value Measurements

GAAP provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Level 2 - Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used should maximize the use of observable inputs and minimize the use of unobservable inputs.

The following are descriptions of the valuation methodology used for assets measured at fair value. There have been no changes in the methodology used at December 31, 2021 and 2020.

Mutual Funds: These funds are valued daily at their quoted market prices.

Common/Collective Trust Fund: This fund is valued at its net asset value (NAV) as determined by the issuer, based on the value of each of the underlying investments, less applicable fees charged by the issuer. The NAV is used as a practical expedient to estimate fair value. The practical expedient is not used when it is determined to be probable that the investment will be sold for an amount different than the reported NAV.

The following tables set forth by level, within the fair value hierarchy, the Plan's investments at fair value:

	December 31, 2021		
	Level 1	Level 2	Level 3
Mutual funds	<u>\$ 50,052,774</u>	<u>\$ -</u>	<u>\$ -</u>
Total investments at fair value			<u>\$ 50,052,774</u>

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

	December 31, 2020		
	Level 1	Level 2	Level 3
Mutual funds	<u>\$ 41,277,916</u>	<u>\$ -</u>	<u>\$ -</u>
Investment measured at NAV (practical expedient)			<u>452,123</u>
Total investments at fair value			<u>\$ 41,730,039</u>

The following table provides additional information for the common/collective trust fund, which is measured using NAV as a practical expedient as of December 31, 2020. There were no participant redemption restrictions for this investment. The redemption notice period was applicable only to the Plan.

<u>Investment Class</u>	<u>Fair Value December 31, 2020</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency</u>	<u>Redemption Notice Period</u>
Managed Income Portfolio	<u>\$ 452,123</u>	None	Daily	12 months

In March 2019, the 12-month notice to liquidate the investment was given to the issuer of the Managed Income Portfolio (MIP). During this period of time, participants were allowed to take distributions and/or transfer money out of the Managed Income Portfolio; however, future contributions and/or transfers to the fund were not permitted. In January 2021, the MIP was liquidated, and the balance was transferred to the Fidelity Government Money Market Fund.

Note 5 - Federal Income Tax

Prior to September 22, 2021, the volume submitter plan adopted by the Plan received an advisory letter from the Internal Revenue Service (IRS) dated March 31, 2014, stating that it was in compliance with the applicable requirements of the IRC. Effective September 22, 2021, the Plan was amended and restated via its adoption of a pre-approved plan. The pre-approved plan received an opinion letter from the IRS dated June 30, 2020, stating that it was in compliance with the applicable requirements of the IRC. The volume submitter plan and the pre-approved plan have both been amended since receiving their IRS letters; however, the plan administrator believes that the Plan continues to be designed and operated in compliance with the applicable requirements of the IRC. Therefore, no provision for income taxes has been included in the Plan's financial statements.

GAAP requires plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain tax position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

Note 6 - Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. If the Plan is terminated, all participants become 100% vested.

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Note 7 - Party-in-Interest Transactions

Through January 2021, the Plan offered units of a common/collective trust fund managed by Fidelity. Additionally, the Plan offers shares of mutual funds managed by an affiliate of Fidelity. The Plan's investment transactions in these funds qualify as party-in-interest transactions. These transactions are covered by an exemption from the "prohibited transaction" provisions of ERISA and the IRC.

Note 8 - Nonexempt Transaction

As disclosed in the supplemental schedule of delinquent participant contributions, there was an unintentional delay during 2021 in remitting participant contributions to the Plan in the amount of \$2,110. The untimely remittance was remitted to the Plan along with \$79 lost earnings during 2022.

Note 9 - Subsequent Events

During 2021, the Company acquired IDM Computer Solutions, Inc., BitTitan, Inc. and Perspectium Corp. Employees of these acquired companies continued to participate in their existing retirement plans until they adopted the Plan effective January 1, 2022.

Approximately \$1,800,000 of plan assets from the IDM Computer Solutions 401(k) Plan was transferred into the Plan in February 2022. Approximately \$3,300,000 of assets from BitTitan, Inc. 401(k) Plan was transferred to the Plan in April 2022, and approximately \$500,000 of assets from the Perspectium Corp. 401(k) Profit Sharing Plan & Trust were transferred into the Plan in May 2022.

SUPPLEMENTARY INFORMATION

IDERA 401(k) SAVINGS PLAN
SPONSOR'S EIN: 76-0662481
PLAN NUMBER: 001
SCHEDULE H, LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
For the Year Ended December 31, 2021

Total that Constitute Nonexempt
Prohibited Transactions

Participant Contributions Transferred Late to Plan	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	Total Fully Corrected Under VFCP and PTE 2002-51
\$ 2,110	\$ 2,110	\$ -	\$ -	\$ -

During 2021, there was an unintentional delay in remitting participant contributions to the Plan within the timeframe specified by the DOL's Regulation 29 CFR 2510.3-102. The untimely remittance was remitted to the Plan along with applicable lost earnings during 2022.

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
SPONSOR'S EIN: 76-0662481
PLAN NUMBER: 001
SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
December 31, 2021

(a) (b) Identity of issue or similar party	(c) Description of investment	(e) Current value
Mutual Funds:		
ClearBridge Investments, LLC	ClearBridge International Growth Fund	\$ 584,591
PIMCO Investments	PIMCO Income Fund	841,987
American Century Investments	American Century Inflation Adjusted Bond Fund	483,016
BlackRock Investments	BlackRock High Yield Bond Portfolio Fund	190,261
Carillon Family of Funds	Carillon Scout Mid Cap Fund	711,050
T. Rowe Price	T. Rowe Price Dividend Growth Fund	700,585
American Funds	American Funds 2015 Target Date Fund	591,042
American Funds	American Funds 2020 Target Date Fund	779,829
American Funds	American Funds 2025 Target Date Fund	4,156,610
American Funds	American Funds 2030 Target Date Fund	6,892,838
American Funds	American Funds 2035 Target Date Fund	7,270,562
American Funds	American Funds 2040 Target Date Fund	4,300,197
American Funds	American Funds 2045 Target Date Fund	2,319,576
American Funds	American Funds 2050 Target Date Fund	2,130,667
American Funds	American Funds 2055 Target Date Fund	1,041,146
American Funds	American Funds 2010 Target Date Fund	99,270
American Funds	American Funds Growth and Income Portfolio Fund	388,860
Columbia Threadneedle	Columbia Overseas Value Fund	106,636
American Century Investments	American Century Mid Cap Value Fund	714,675
JP Morgan Chase	JP Morgan Small-Cap Core Fund	32,988
JP Morgan Chase	JP Morgan U.S. Applied Data Science Value Fund	582,695
Janus Henderson Investments	Janus Henderson Enterprise Fund	776,374
American Funds	American Funds 2060 Target Date Fund	432,403
Goldman Sachs	Goldman Sachs International Equity ESG Fund	22,879
Columbia Threadneedle	Columbia Strategic Income Fund	113,010
* Fidelity Investments	Fidelity Advisor Technology Fund	2,887,695
* Fidelity Investments	Fidelity Government Money Market Fund	1,444,181
Amerian Centruy Investments	American Century Ultra Fund	1,485,173
Invesco	Invesco Developing Markets Fund	317,891
* Fidelity Investments	Fidelity Advisor Small-Cap Growth Fund	851,144
* Fidelity Investments	Fidelity Advisor Small-Cap Value Fund	189,900
* Fidelity Investments	Fidelity Advisor Materials Fund	46,522
* Fidelity Investments	Fidelity Advisor Worldwide Fund	599,883

This schedule has been prepared from information certified by
Fidelity Management Trust Company as complete and accurate.

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
SPONSOR'S EIN: 76-0662481
PLAN NUMBER: 001
SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR) (Continued)
December 31, 2021

(a) (b) Identity of issue or similar party	(c) Description of investment	(e) Current value
Mutual Funds (continued):		
* Fidelity Investments	Fidelity 500 Index Fund	4,794,930
* Fidelity Investments	Fidelity Mid Cap Index Fund	597,655
* Fidelity Investments	Fidelity Small Cap Index Fund	574,053
		50,052,774
Participant Loans:		
* Participant Loans	Interest rates range from 4.25% to 6% due at various dates through December 2026	234,384
		\$ 50,287,158
* Indicates a party-in-interest		

This schedule has been prepared from information certified by
Fidelity Management Trust Company as complete and accurate.

See independent auditor's report.

Idera 401(k) Savings Plan

Annual Financial Report
Houston, Texas
December 31, 2021



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All other schedules listed by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 are omitted, as they are not applicable.

Independent Auditor's Report

July 29, 2022

Plan Administrator
Idera 401(k) Savings Plan
Houston, Texas

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2021 Financial Statements

We have performed an audit of the financial statements of the Idera 401(k) Savings 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, 2021, 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 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 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 Department of Labor'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, 2021, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion on the 2021 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the 2021 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.
- 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 on the 2021 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the 2021 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 2021 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, 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, which raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions and 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 2021 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2021 Financial Statements 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 auditing standards generally accepted in the United States of America 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.

July 29, 2022
Idera 401(k) Savings Plan

In performing an audit in accordance with auditing standards generally accepted in the United States of America, 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, which 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 accounting principles generally accepted in the United States of America.

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 accounting principles generally accepted in the United States of America.

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 Schedule H, Line 4a - Schedule of Delinquent Participant Contributions for the year ended December 31, 2021, and supplemental Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2021, are presented for purposes of additional analysis and are not a required part of the financial statements, but are supplementary information required by the Department of Labor'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 auditing standards generally accepted in the United States of America. 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 Department of Labor'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, is presented, in all material respects, in conformity with the Department of Labor'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).

July 29, 2022
Idera 401(k) Savings Plan

Auditor's Report on the 2020 Financial Statements

We were engaged to audit the 2020 financial statements of the Plan. As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information certified by a qualified institution. In our report dated July 26, 2021, we indicated that (a) because of the significance of the information that we did not audit, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, we did not express an opinion on the 2020 financial statements, and (b) the form and content of the information included in the 2020 financial statements, other than that derived from the certified information, were presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Weinstein Spira & Company P.C.

WEINSTEIN SPIRA & COMPANY, P.C.
Houston, Texas

**IDERA 401(k) SAVINGS PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS**

	December 31,	
	2021	2020
ASSETS		
Investments, at fair value	\$ 50,052,774	\$ 41,730,039
Notes Receivable from Participants	234,384	154,921
Net Assets Available for Benefits	\$ 50,287,158	\$ 41,884,960

See independent auditor's report and accompanying notes to financial statements.

IDERA 401(k) SAVINGS PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
For the Year Ended December 31, 2021

Contributions:

Employee	\$ 2,400,670
Rollover	<u>421,019</u>

Total Contributions	2,821,689
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Investment Income:

Net appreciation in fair value of investments	3,986,919
Interest, dividends and other	<u>2,900,250</u>

Total Investment Income	6,887,169
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Interest Income on Notes Receivable from Participants	7,939
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Benefit Payments	(4,523,741)
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Administrative Expenses	<u>(107,062)</u>
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Net Increase in Net Assets Available for Benefits Prior to Transfer In	5,085,994
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Transfer In from Affiliated Plan	<u>3,316,204</u>
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Net Increase in Net Assets Available for Benefits	8,402,198
---	-----------

Net Assets Available for Benefits - Beginning of Year	<u>41,884,960</u>
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Net Assets Available for Benefits - End of Year	<u><u>\$ 50,287,158</u></u>
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See independent auditor's report and accompanying notes to financial statements.

**IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2021 and 2020**

Note 1 - Plan Description

The following brief description of the Idera 401(k) Savings Plan (the Plan) is provided for general information only. Participants should refer to the plan document for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan covering eligible employees of Idera, Inc. and participating employers (collectively, the Company) and is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA). The Plan was adopted by the Company on January 1, 2002 and has since been amended and restated.

Idera, Inc. has appointed an employee of the Company to serve as the plan administrator. Fidelity Management Trust Company (Fidelity) serves as the Plan's trustee.

The Company acquired Qubole, Inc. in December 2020. Employees of Qubole, Inc. continued to participate in the Qubole, Inc. Retirement Trust (Qubole Plan) until Qubole, Inc. adopted the Plan on March 15, 2021. Assets from the Qubole Plan equal to \$3,316,204 were transferred to the Plan in March 2021.

Eligibility

Participation in the Plan is available for all eligible employees, as defined, who are at least 18 years of age. The Plan includes a savings feature designed to permit the employee and the Company to contribute to the Plan, at amounts allowable under Section 401(k) of the Internal Revenue Code (IRC).

Contributions

Employee pre-tax and Roth contributions are made to the Plan by electing to contribute up to 90% of the employee's compensation, as defined, subject to the maximum limits allowed by law. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants may also make rollover contributions from other qualified plans.

Eligible employees automatically begin deferring 6% of their compensation for each payroll period, unless an affirmative election not to contribute or to contribute at a different percentage is made by the employee. The contributions are made on a pre-tax basis unless the employee affirmatively designates that any portion or all of the contributions be treated as Roth contributions. Eligible employees will have their automatic deferral percentage increased by 1% each year up to a maximum of 15%, unless otherwise instructed by the employee.

The Company may elect to make matching contributions equal to a discretionary percentage, to be determined by the Company, of an employee's elective deferral. No matching contributions were made for the year ended December 31, 2021.

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Participant Accounts

Participants direct the investment of their accounts into various investment options offered by the Plan. Under the Plan, earnings and losses are allocated to the participants' accounts daily according to an allocation formula provided in the plan document.

Vesting and Forfeitures

Participants are immediately vested in their contributions plus actual earnings thereon. Vesting in Company contributions is based on years of service. A participant is 0% vested through the first two years of service, at which point they become 100% vested. As further defined in the plan document, participants from certain merged plans are subject to grandfathered vesting schedules on their employer contributions received prior to being merged into the Plan.

There were \$65 and \$2,666 of forfeitures available at December 31, 2021 and 2020, respectively. Included in these balances are forfeitures transferred in from previously merged plans. Forfeitures are first used to pay plan expenses, then to reduce future matching contributions. For the year ended December 31, 2021, \$6,494 of forfeitures were utilized to pay plan expenses.

Benefit Payments

Distributions may be made to participants upon termination of employment, death, disability or retirement. Under certain circumstances, participants may withdraw the value of their account while still employed for reasons of financial hardship, upon the attainment of age 59½ and for other such reasons. Distributions from the Plan may be paid in the form of a lump sum distribution or installment payments at the discretion of the participant. Upon withdrawal from the Plan or termination of employment, participants with an account balance of \$1,000 or less shall receive an automatic lump sum distribution from the Plan. For participants with an account balance greater than \$1,000 but less than \$5,000, the plan administrator shall make a direct rollover into an individual retirement account. Withdrawals from the Plan may be subject to income tax on contributions and income earned.

Notes Receivable from Participants

Notes receivable from participants are loans to participants secured by the vested portion of their accounts. Participants may borrow from their accounts up to a maximum amount equal to the lesser of \$50,000 or 50% of their vested interest in the Plan. The minimum loan is \$1,000. Loans to participants are secured by their participant account balance as allowed by the Plan and will bear a reasonable rate of interest as determined by the plan administrator based on prevailing interest rates at the time of loan origination. Principal and interest are generally repaid through payroll deductions. Loans are to be repaid within five years unless the purpose of the loan is to acquire a principal residence, which allows the loan to extend to 10 years. With the exception of certain loans that were transferred into the Plan from an acquired company, a participant may only have one loan outstanding at any given time.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Note 2 - Accounting Policies

Basis of Accounting

The accompanying financial statements have been prepared using the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (GAAP).

Investment Valuation and Income Recognition

Investments are stated at fair value. Fair value is 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. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. The net appreciation or depreciation in the fair value of investments includes realized gains and losses on investments sold during the year as well as appreciation and depreciation of investments held at the end of the year.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest is recorded on the accrual basis. No allowance for credit losses has been recorded as of December 31, 2021 or 2020, as the notes are collateralized by the participants' account balances. In general, notes receivable from participants are placed into default in the calendar quarter following the quarter in which no payment on the note is made and such defaults are recognized as distributions based upon the terms of the plan document when a distributable event has occurred.

Benefit Payments

Benefit payments are recorded when paid.

Administrative Expenses

Loan fees and certain transactional charges are paid by the participants. All other administrative costs are paid by the Plan unless paid by the Company, at its discretion. Investment related expenses are included in the net appreciation or depreciation in the fair value of investments.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires the plan administrator to make estimates and assumptions that affect the reported amounts of assets, liabilities, and changes therein and the disclosure of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the value of investments will occur in the near term and may impact participants' account balances and the amounts reported in the financial statements.

Subsequent Events

Management of the Plan evaluates events occurring subsequent to the date of the financial statements in determining the accounting for and disclosure of transactions and events that affect the financial statements. Subsequent events have been evaluated through July 29, 2022, which is the date the financial statements were available to be issued. See Note 9.

Note 3 - Information Certified by the Trustee

The plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the plan administrator has obtained a certification from Fidelity as of December 31, 2021 and 2020, and for the year ended December 31, 2021, that all of the information provided is complete and accurate. Information included in the accompanying financial statements, the notes to the financial statements and the supplemental schedule of assets (held at end of year) as to investments, notes receivable from participants, investment income, interest income on notes receivable from participants, and all the related information in the supplemental schedule is presented in reliance solely upon this certification.

The Plan's independent auditor did not perform auditing procedures with respect to this information, except for comparing such information to the related information included in the financial statements, the accompanying notes to the financial statements, and the supplemental schedule of assets (held at end of year).

Note 4 - Fair Value Measurements

GAAP provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Level 2 - Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used should maximize the use of observable inputs and minimize the use of unobservable inputs.

The following are descriptions of the valuation methodology used for assets measured at fair value. There have been no changes in the methodology used at December 31, 2021 and 2020.

Mutual Funds: These funds are valued daily at their quoted market prices.

Common/Collective Trust Fund: This fund is valued at its net asset value (NAV) as determined by the issuer, based on the value of each of the underlying investments, less applicable fees charged by the issuer. The NAV is used as a practical expedient to estimate fair value. The practical expedient is not used when it is determined to be probable that the investment will be sold for an amount different than the reported NAV.

The following tables set forth by level, within the fair value hierarchy, the Plan's investments at fair value:

	December 31, 2021		
	Level 1	Level 2	Level 3
Mutual funds	<u>\$ 50,052,774</u>	<u>\$ -</u>	<u>\$ -</u>
Total investments at fair value			<u>\$ 50,052,774</u>

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

	December 31, 2020		
	Level 1	Level 2	Level 3
Mutual funds	<u>\$ 41,277,916</u>	<u>\$ -</u>	<u>\$ -</u>
Investment measured at NAV (practical expedient)			<u>452,123</u>
Total investments at fair value			<u>\$ 41,730,039</u>

The following table provides additional information for the common/collective trust fund, which is measured using NAV as a practical expedient as of December 31, 2020. There were no participant redemption restrictions for this investment. The redemption notice period was applicable only to the Plan.

<u>Investment Class</u>	<u>Fair Value December 31, 2020</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency</u>	<u>Redemption Notice Period</u>
Managed Income Portfolio	<u>\$ 452,123</u>	None	Daily	12 months

In March 2019, the 12-month notice to liquidate the investment was given to the issuer of the Managed Income Portfolio (MIP). During this period of time, participants were allowed to take distributions and/or transfer money out of the Managed Income Portfolio; however, future contributions and/or transfers to the fund were not permitted. In January 2021, the MIP was liquidated, and the balance was transferred to the Fidelity Government Money Market Fund.

Note 5 - Federal Income Tax

Prior to September 22, 2021, the volume submitter plan adopted by the Plan received an advisory letter from the Internal Revenue Service (IRS) dated March 31, 2014, stating that it was in compliance with the applicable requirements of the IRC. Effective September 22, 2021, the Plan was amended and restated via its adoption of a pre-approved plan. The pre-approved plan received an opinion letter from the IRS dated June 30, 2020, stating that it was in compliance with the applicable requirements of the IRC. The volume submitter plan and the pre-approved plan have both been amended since receiving their IRS letters; however, the plan administrator believes that the Plan continues to be designed and operated in compliance with the applicable requirements of the IRC. Therefore, no provision for income taxes has been included in the Plan's financial statements.

GAAP requires plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain tax position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

Note 6 - Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. If the Plan is terminated, all participants become 100% vested.

See independent auditor's report.

IDERA 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)
December 31, 2021 and 2020

Note 7 - Party-in-Interest Transactions

Through January 2021, the Plan offered units of a common/collective trust fund managed by Fidelity. Additionally, the Plan offers shares of mutual funds managed by an affiliate of Fidelity. The Plan's investment transactions in these funds qualify as party-in-interest transactions. These transactions are covered by an exemption from the "prohibited transaction" provisions of ERISA and the IRC.

Note 8 - Nonexempt Transaction

As disclosed in the supplemental schedule of delinquent participant contributions, there was an unintentional delay during 2021 in remitting participant contributions to the Plan in the amount of \$2,110. The untimely remittance was remitted to the Plan along with \$79 lost earnings during 2022.

Note 9 - Subsequent Events

During 2021, the Company acquired IDM Computer Solutions, Inc., BitTitan, Inc. and Perspectium Corp. Employees of these acquired companies continued to participate in their existing retirement plans until they adopted the Plan effective January 1, 2022.

Approximately \$1,800,000 of plan assets from the IDM Computer Solutions 401(k) Plan was transferred into the Plan in February 2022. Approximately \$3,300,000 of assets from BitTitan, Inc. 401(k) Plan was transferred to the Plan in April 2022, and approximately \$500,000 of assets from the Perspectium Corp. 401(k) Profit Sharing Plan & Trust were transferred into the Plan in May 2022.