Prospectus Supplement No. 5 (To Prospectus dated September 3, 2021)

This prospectus supplement updates, amends and supplements the prospectus dated September 3, 2021 (the "Prospectus"), which forms a part of our Registration Statement on Form S-1 (Registration No. 333-258748). Capitalized terms used in this prospectus supplement and not otherwise defined herein have the meanings specified in the Prospectus.

This prospectus supplement is being filed to update, amend and supplement the information included in the Prospectus with information on Evolv Technologies Holdings, Inc.'s unaudited fourth quarter and full year 2021 financial results, which is set forth below.

This prospectus supplement is not complete without the Prospectus. This prospectus supplement should be read in conjunction with the Prospectus, which is to be delivered with this prospectus supplement, and is qualified by reference thereto, except to the extent that the information in this prospectus supplement updates or supersedes the information contained in the Prospectus. Please keep this prospectus supplement with your Prospectus for future reference.

Our Class A common stock is quoted on The Nasdaq Stock Market, or NASDAQ, under the symbol "EVLV" and our warrants are quoted on the NASDAQ under the symbol "EVLVW." On March 11, 2022, as reported on NASDAQ, the closing sale price of our Class A common stock was \$3.09 and the closing sale price of our warrants was \$0.40.

We are an "emerging growth company" under federal securities laws and are subject to reduced public company reporting requirements. Investing in our securities involves certain risks. See "Risk Factors" beginning on page 3 of the Prospectus.

Neither the SEC nor any state securities commission has approved or disapproved of these securities or determined if the Prospectus or this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is March 14, 2022.

EVOLV TECHNOLOGY CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE LOSS (In thousands, except share and per share data) (Unaudited)

	Three Months Ended December 31,			Twelve Months Ended December 31				
		2021		2020		2021		2020
Revenue:								
Product revenue	\$	3,618	\$	857	\$	13,917	\$	1,279
Subscription revenue		2,737		894		7,855		2,637
Service revenue		491		284		1,920		869
Total revenue		6,846		2,035	_	23,692	_	4,785
Cost of revenue:								
Product revenue		5,234		816		12,471		1,177
Subscription revenue		1,102		632		3,644		1,824
Service revenue		204		119		936		495
Total cost of revenue		6,540		1,567		17,051		3,496
Gross profit		306		468		6,641		1,289
Operating expenses:								
Research and development		3,086		5,081		11,416		15,710
Sales and marketing		10,120		2,260		27,404		7,365
General and administrative		8,851		2,434		20,013		5,110
Loss from impairment of leased equipment		213		-		1,869		-
Total operating expenses		22,270		9,775		60,702		28,185
Loss from operations		(21,964)		(9,307)		(54,061)		(26,896)
Interest and other expense		(55)		(223)		(6,712)		(430)
Loss on extinguishment of debt		-		(66)		(12,685)		(66)
Change in fair value of derivative liability		-		-		(1,745)		-
Change in fair value of contingent earn-out liability		14,394		-		46,212		-
Change in fair value of contingently issuable common stock liability		688		-		6,406		-
Change in fair value of public warrant liability		9,454		-		12,606		-
Change in fair value of common stock warrant liability		-		-		(879)		-
Total other income (expense)	\$	24,481	\$	(289)	\$	43,203	\$	(496)
Net income (loss) and comprehensive income (loss) attributable to common						0		
stockholders – basic and diluted	\$	2,517	\$	(9,596)	\$	(10,858)	\$	(27,392)
Net income (loss) per share – basic and diluted	<u>\$</u>	0.02	\$	(1.06)	\$	(0.15)	\$	(3.07)
Weighted average ordinary shares outstanding - basic		142,403,779		9,044,968		71,662,694		8,932,404
Weighted average ordinary shares outstanding - diluted		161,906,393	_	9,044,968		71,662,694		8,932,404

EVOLV TECHNOLOGY CONDENSED CONSOLIDATED BALANCE SHEETS (In thousands, except share and per share data) (Unaudited)

	December 31, 2021	December 31, 2020
Assets		
Current assets:		
Cash	\$ 307,492	\$ 4,704
Restricted Cash	400	
Accounts receivable, net	6,477	1,401
Inventory	5,140	2,742
Prepaid expenses and other current assets	14,151	1,462
Total current assets	333,660	10,309
Commission asset, noncurrent	3,719	1,730
Property and equipment, net	21,592	
Restricted cash, noncurrent	275	
Other long-term assets	3,819	
Total assets	\$ 363,065	
		• 21,000
Liabilities and Shareholders' Equity (Deficit)		
Current liabilities:		
Accounts payable	\$ 6,363	\$ 4,437
Accrued expenses and other current liabilities	9,183	
Current portion of deferred revenue	6.690	
Current portion of long-term debt	2,000	
Other current liabilities	135	
Total current liabilities	24.371	
Deferred revenue, noncurrent	2.475	, .
Noncurrent portion of deferred rent	333	
Common stock warrant liability		. 1
Public warrant liability	11,030	
Derivative liability		1,000
Contingent earn-out liability	20,809	
Contingently issuable common stock liability	5,264	
Financing obligation, noncurrent	• • •	. 132
Long-term debt, noncurrent	7,945	
Total liabilities	72,227	
		50,104
Convertible preferred stock and shareholders' equity		
Convertible preferred stock and shareholders' equity		75,877
Common stock	14	
Additional paid-in capital	395.563	-
Accumulated deficit	(104,739	,
Total shareholders' equity (deficit)	290,838	
Total liabilities and shareholders' equity		
rotar naomues and shareholders equity	\$ 363,065	\$ 21,355

EVOLV TECHNOLOGY CONSOLIDATED STATEMENTS OF CASH FLOWS (In thousands) (Unaudited)

	Twelve Months Ended December 31,		
	 2021	2021	
Cash flows from operating activities:			
Net loss	\$ (10,858) \$	(27,392)	
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization	2,895	1,065	
Write-off of inventory	2,041	-	
Loss from impairment of leased equipment	1,869	-	
Loss on disposal of fixed assets	617	-	
Stock-based compensation	8,511	662	
Noncash interest expense	5,245	25	
Provision recorded for allowance for doubtful accounts	(13)	47	
Loss on extinguishment of debt	12,685	66	
Change in fair value of derivative liability	1,745	-	
Change in fair value of common stock warrant liability	879	-	
Change in fair value of earn-out liability	(46,212)	-	
Change in fair value of contingently issuable common stock	(6,406)	-	
Change in fair value of public warrant liability	(12,606)	-	
Changes in operating assets and liabilities	(29,673)	2,273	
Net cash used in operating activities	 (69,281)	(23,254)	
Cash flows from investing activities:			

Purchases of property and equipment

(6,609)

(4,057)

Development of internal-use software	(1,028)	_
Net cash used in investing activities	(5,085	-	(6,609)
		·	
Cash flows from financing activities:			
Proceeds from issuance of Series B-1 convertible preferred stock, net of issuance costs			2,994
Proceeds from exercise of stock options	915		442
Proceeds from issuance of common stock from the PIPE Investment	300,000	i i	-
Proceeds from the closing of the Merger	84,945		-
Payment of offering costs from the closing of the Merger and PIPE Investment	(34,132	.)	-
Repayment of financing obligations	(359)	(244)
Proceeds from long-term debt, net of issuance costs	31,882		22,438
Repayment of principal on long term debt	(5,422)	(8,404)
Net cash provided by financing activities	377,829	; <u> </u>	17,226
Net increase (decrease) in Cash, cash equivalents and restricted cash	303,463		(12,637)
Cash, cash equivalents and restricted cash, beginning of period	4,704	,	17,341
Cash, cash equivalents and restricted cash, end of period	\$ 308,167	\$	4,704
Supplemental disclosure of cash flow information:			
Cash paid for interest	\$ 860	\$	405

EVOLV TECHNOLOGY RECONCILIATION OF 2022 NET LOSS TO ADJUSTED EBITDA (In thousands) (Unaudited)

	 Twelve Months Ended December 31, 2022			
	High			
Net income (loss)	\$ (83,000)	\$	(85,000)	
Adjustments to reconcile net income (loss) to Adjusted EBITDA:				
Depreciation and amortization	6,000		6,000	
Stock-based compensation	11,000		11,000	
Other expense	1,000		1,000	
Adjusted EBITDA	\$ (65,000)	\$	(67,000)	

EVOLV TECHNOLOGY SUMMARY OF KEY OPERATING STATISTICS (Unaudited)

(\$ in thousands)	D	December 31, 2020		March 31, 2021		June 30, 2021		September 30, 2021		December 31, 2021	
New customers		6		13		21		23		27	
Total contract value of orders booked	\$	5,956	\$	8,424	\$	10,476	\$	16,995	\$	17,916	
Annual recurring revenue	\$	4,034	\$	5,424	\$	7,423	\$	9,932	\$	12,907	
Remaining performance obligation	\$	13,381	\$	17,658	\$	24,930	\$	34,152	\$	40,160	
Contract value for units in backlog		n/a		n/a		n/a		n/a	\$	10,599	
Net additions		32		64		113		176		136	
Ending deployed units		214		278		391		567		703	