## Thoughtworks Q2 2022 Investor Presentation

## **Delivering extraordinary impact together**

/thoughtworks

© 2022 Thoughtworks

## Safe harbor and non-GAAP reconciliation

**Forward-looking Statements.** Some of the information contained in this presentation by Thoughtworks Holding, Inc. ("Thoughtworks" or the "Company") includes "forward-looking statements" within the meaning of the "safe harbor" provisions of the United States Private Securities Litigation Reform Act of 1995, as amended. Forward-looking statements include statements that are not historical facts and can be identified by terms such as: "believe," "anticipate," "plan," "intend," "estimate," "expect," "likely," "seek," "strive," "may," "could," "should," or "will" and similar references to future periods and the negative of such terms, but the absence of these words does not mean that a statement is not forward-looking. Examples of forward-looking statements that relate to our plans, projections, estimates and goals include, among others, statements we make regarding revenues and revenue growth, Adjusted EBITDA and Adjusted EBITDA Margin, Adjusted Diluted Earnings per Share ("Adjusted Diluted EPS"), and our beliefs that the demand market will continue to support the projected growth rates stated herein.

Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based only on our current beliefs, expectations and assumptions regarding the future of our business, projections, anticipated events or trends, the economy and other future conditions. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of our control. Our actual results and financial condition may differ materially from those indicated in the forward-looking statements. Therefore, you should not rely on any of these forward-looking statements. Important factors that could cause our actual results and financial condition to differ materially from those indicated in the forward-looking statements include, among others, the following: our ability to attract skilled talent; the effects of competition on the future business of Thoughtworks; uncertainty regarding the demand for and market utilization of our services; the ability to maintain or acquire new client relationships; general business and economic conditions; and our ability to successfully execute our growth strategy and strategic plans. Additional information concerning these and other risks and uncertainties may be found in the "Risk Factors" section of Thoughtworks' quarterly reports on Form 10-Q, our annual report on form 10-K, and other filings and reports that Thoughtworks may file from time to time with the SEC.

Any forward-looking statement made by us in this presentation is based only on information currently available to us and speaks only as of the date on which it is made. Except as required by law, Thoughtworks assumes no obligation to update any forward-looking statement, whether written or oral, that may be made from time to time, whether as a result of new information, future developments or otherwise.

## Safe harbor and non-GAAP reconciliation

**Non-GAAP Financial Measures.** Certain financial metrics contained in this presentation, including among others, Adjusted Gross Profit, Adjusted Selling, General & Administrative expense, Adjusted Net Income, Adjusted Diluted EPS, Adjusted EBITDA, Adjusted EBITDA Margin, and Revenue Growth rates in constant currency, which exclude the effect of foreign currency rate fluctuations, are considered non-GAAP financial measures. We use these non-GAAP measures in conjunction with traditional GAAP measures to evaluate our financial performance. We believe that these non-GAAP measures provide our management and investors consistency and comparability with our past financial performance and facilitate period-to-period comparisons of our operations. The non-GAAP financial measures provided should not be considered as a substitute for the comparable measures of financial performance prepared in accordance with GAAP. For more information regarding the non-GAAP financial measures discussed in this presentation, including a reconciliation of these non-GAAP measures to their corresponding GAAP measures, please see the Appendix to this presentation. For definitions of these non-GAAP measures, please see our press release for the most recent quarterly or annual results posted to the Investor Relations page of our website.

Some non-GAAP measures related to our financial outlook included in this presentation, our press release and the associated webcast were not reconciled to the comparable GAAP financial measures because the GAAP measures are not accessible on a forward-looking basis. We are unable to reconcile these forward-looking non-GAAP financial measures to the most directly comparable GAAP measures without unreasonable efforts because we are currently unable to predict with a reasonable degree of certainty the type and extent of certain items that would be expected to impact GAAP measures for these periods but would not impact the non-GAAP measures. Such items may include stock-based compensation, acquisition costs, income tax effects of adjustments and other items. The unavailable information could have a significant impact on our GAAP financial results. Based on the foregoing, we believe that providing estimates of the amounts that would be required to reconcile the range of the non-GAAP measures to forecasted GAAP measures would imply a degree of precision that would be confusing or misleading to investors for the reasons identified above.

**Industry & Market Data.** The market data, industry forecasts and other statistical information used in this presentation are based on third-party industry publications and surveys and internal Company sources. Industry forecasts are based on industry surveys and the preparer's expertise in the industry, and there can be no assurance that any of the industry forecasts will be achieved. We believe these data are reliable, but we have not independently verified the accuracy of this information nor have we ascertained the underlying assumptions relied upon in those sources, and we cannot assure you of the accuracy or completeness of such information contained in this presentation. While we are not aware of any misstatements regarding our market, industry or similar data presented herein, such data, including industry forecasts and projections, involve risks and uncertainties and are subject to change based on various factors.

## **Table of contents**

Who we are	5
Q2 snapshot	10
Market opportunity and trends	11
Our clients	14
Our services and approach	18
Financial overview	20
Leadership and investment highlights	21
Appendix	28

## Who we are

## Integrity / Pursuit of Excellence / Global First / Cultivation / Curiosity / Autonomous Teams / Inclusivity / Courageous

We strive to create an extraordinary impact on the world through our culture and technology excellence We aim to be an awesome partner for clients and their ambitions to become modern digital businesses We are passionate about revolutionizing the technology industry, amplifying social change and advocating for an equitable tech future We look to foster a vibrant community of diverse and passionate technologists We aim to achieve enduring commercial success and sustained growth

## We've been a shaping force of digital technology for 29 years

Agile development CD / DevOps Data engineering / platforms Cloud native architecture Organizational design

#### 

**O'REILLY**\*

O'REILLY\*

Full Stack Testing

A Practical Guide for Delivering High Quality Software



Gayathri Mohan Foreword by Dr. Rebecca Parsons

## Fluent Python

OREILLY

Clear, Concise, and Effective Programming

Luciano Ramalho

IIre

dle

And Edition

## **Through Thoughtworks' 29-year history**

#### 1990s

Thoughtworks was

Dr. Rebecca Parsons

joined Thoughtworks

founded

Guo Xiao and

1999

#### 2000-2009

2000 Opened offices in Australia and the United Kinadom

Led the industry in adopting a distributed agile development approach

2001 Opened offices in India and Canada

Guo Xiao is featured in The Economist as an early adopter of Extreme Programming (XP)

Manifesto for Agile Software **Development** is published

Released CruiseControl open source software

2004 Opened offices in China

Selenium is developed based on work started internally at Thoughtworks

#### Surpassed 500 Thoughtworkers

2005 Established Thoughtworks University

2009 Opened offices in Brazil

Surpassed 1,000 Thoughtworkers

#### 2010-2014

Opened offices in Germany

Published Continuous Delivery: **Reliable Software Releases** through Build, Test, and Deployment Automation

Published first edition of Thoughtworks **Technology Radar** 

Opened offices in Singapore

Started building Bahmni

Opened offices in Ecuador

2014 Opened offices in Italy

Published Microservices

Surpassed \$300m<sup>1</sup> in annual revenues and 3.000 Thoughtworkers

Collaborated with Save the Children in the fight against Ebola

2015-2019

Published Building Microservices

Opened offices in Spain and Chile

Winner of the AnitaB.org Institute's Top Companies for Women Technologists. winning again in 2017 and 2018, and recognized as a leader in 2019 and 2020

The Apax Funds acquired Thoughtworks

Surpassed **\$500m<sup>1</sup>** in annual revenues

Awarded Daimler Supplier of the Year for Innovation for 2017

Surpassed 5,000 Thoughtworkers

Published The Digital Transformation Game Plan: 34 Tenets for Masterfully Merging Technology and Business and How to Move Beyond a Monolithic Data Lake to a Distributed Data Mesh

Surpassed **\$700m**<sup>1</sup> in annual revenues

#### 2020-2022

Named a strong performer in The Forrester Wave<sup>™</sup>: Digital Product Development Services, Q2 2020<sup>26</sup>

Committed to the Valuable 500, the global movement putting disability on

the business leadership agenda Awarded IT Vendor of the Year 2020 at the **UK IT Industry Awards** 

Acquired Gemini and Fourkind

Listed as a public company on Nasdag. Ticker symbol TWKS

Surpassed 10,000 Thoughtworkers

Published Software Architecture: The Hard Parts

Announced plans to open office in Vietnam<sup>2</sup>

Acquired **Connected**, Canada<sup>3</sup>

Acquired Handmade. Brazil<sup>4</sup>

Named a leader in The Forrester Wave™: Modern Digital Development Services, Q3 2022<sup>5</sup>

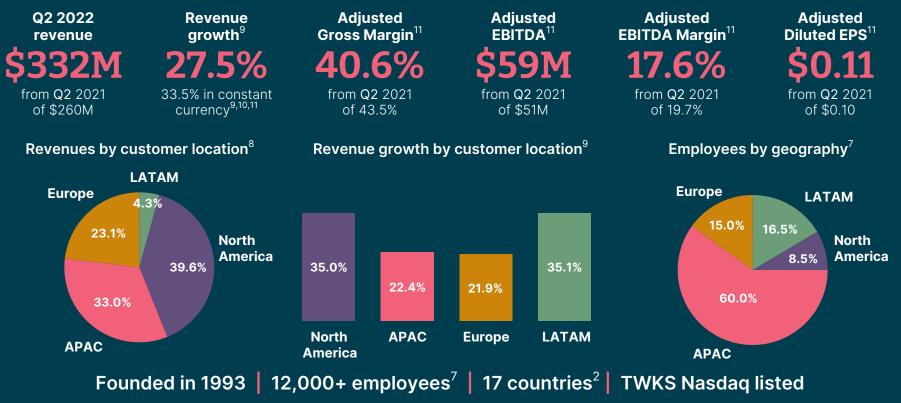
Thoughtworks named a leader in The Forrester Wave<sup>™</sup>: Modern Digital Development Services, Q3 2022<sup>5</sup>

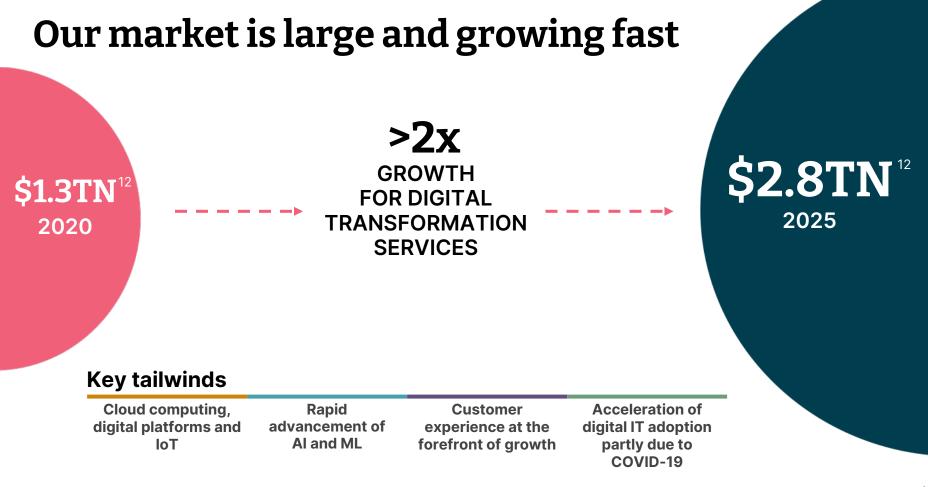
According to the report: "Thoughtworks is a strong choice for those committed to modernizing development capabilities, keeping up with continuous modernization, and building modern products."





## Thoughtworks Snapshot - Q2 2022





# What market leaders are saying about the digital transformation market

- 78% of CFOs plan to maintain or increase enterprise-wide digital investments in the next two years<sup>13</sup>
- 60% of C-suite executives say that digital transformation is their most critical growth driver in 2022<sup>14</sup>
- Global "Whole Cloud" spending at 16.9% CAGR to 2025<sup>15</sup>
- Artificial intelligence market to grow 19.6% in 2022, and exceed \$500bn in 2023<sup>16</sup>
- Customer experience management market growing at 12.3% CAGR to 2026<sup>17</sup>
- Continued adoption of cloud computing could eliminate a billion metric tons of CO2 emissions from 2021 to 2024<sup>18</sup>



# With technology mega trends driving market growth

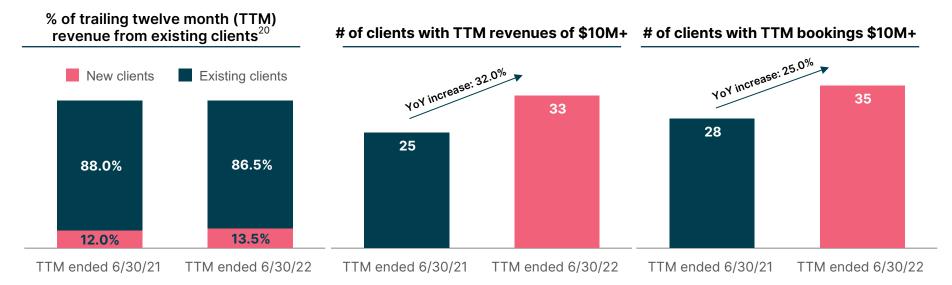
Expansion of	Rapid advancement	Enhanced	Accelerating	of hostile tech and			
computing	of AI- and ML-	consumer	towards	increased focus on			
boundaries	based tools	experience	sustainability	information privacy			
Rapid development of platforms, cloud and internet of things are pushing the technology industry to new heights	Al and ML enhance productivity and drive digital transformation by making predictions to assist humans in making decisions, and in some cases, by automating decision-making and tasks completely	The pervasiveness of technology has enhanced modern consumer experiences with the integration of digital and physical worlds, such as augmented reality, virtual reality and mixed reality	Increasing focus on sustainability requires business to examine their environmental impact and to adopt more sustainable strategies and technologies, such as green cloud optimization	The increased complexity of technology presents a heightened risk of cyber attacks, computer malware, viruses, social engineering, employee misuse as well as data and security breaches			

Growing impact

## A diverse portfolio across geographies and verticals



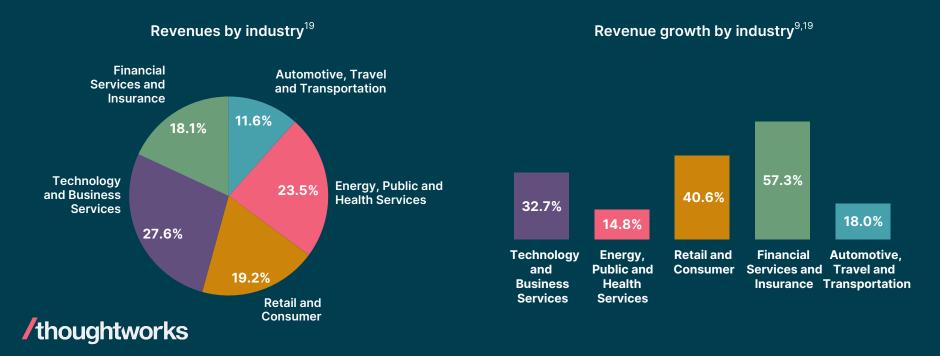
# Rapid growth and a strong capability to develop client relationships



#### Average relationship of seven years for top 10 clients<sup>21</sup>

© 2022 Thoughtworks Footnote references on page 26.

# Diverse revenue base and strong growth across our business



## Valued by our clients

Our ability to digitally transform global enterprises at scale by applying strategic consulting and cutting-edge technologies

 $\overline{\bigcirc}$ 

Г

Our deep agile and technical expertise and thought leadership



Our poly-skilled, transformational and global talent



۹

Our global distributed agile delivery with a strong local presence



Our award-winning and cultivating culture

## **Our core services**

Enterprise Modernization, Platforms and Cloud

Modernize complex IT estates, operations, platforms, development and delivery practices to rapidly unleash business value

#### Customer Experience, Product and Design

Accelerate value creation through extraordinary digital products and customer experiences powered by integrated technology and design

#### **Data and Al**

Enable data-driven intelligent products and business insights with pragmatic data strategies, governance, engineering, predictive Al, automation and ML capabilities

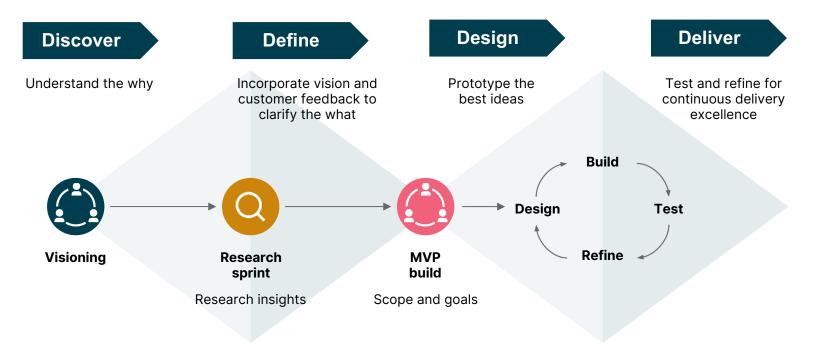
#### Digital Transformation and Operations

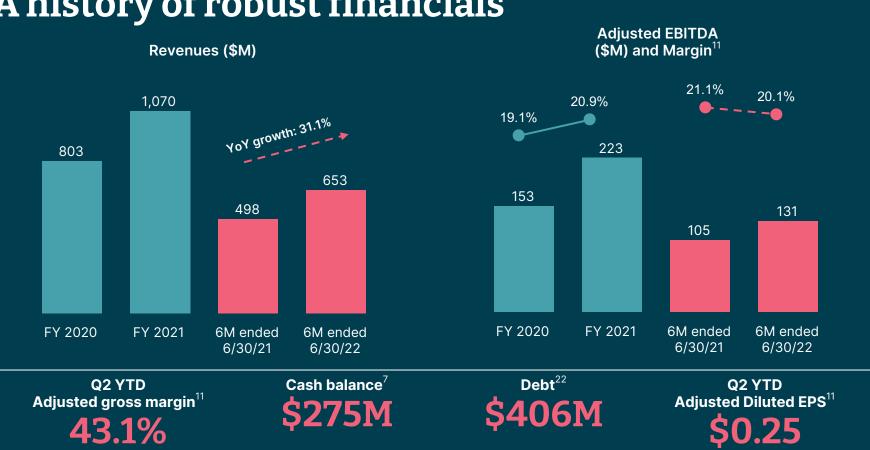
Provide organizations with executable digital strategies, frictionless operating models and transformation services

End-to-end digital partner combining strategy, software engineering, design and organizational transformation

## Thoughtworks' approach delivers value fast

We deliver extraordinary impact for our clients via a collaborative and co-creative process that utilizes a thin slice approach to deliver value with incremental change on an accelerated timeline.





## A history of robust financials

## Led by a highly-experienced team

### **Board of directors**



lan Davis, Chair Former Worldwide Managing Director of McKinsey & Company



Jane Chwick, Director Former Partner at Goldman Sachs



Salim Nathoo, Director Partner at Apax Partners





**Rohan Haldea, Director** Partner at Apax Partners and formerly at Bain Capital



William Parrett, Director Former Senior Partner of Deloitte & Touche USA LLP



**Robert Brennan**. Director Former Executive Director of CA Technologies, former CEO of Veracode



**Gina Loften, Director** Former Chief Technology Officer Microsoft US, formerly at IBM



**Roxanne Taylor, Director** Chief Marketing and Communications Officer at Memorial Sloan Kettering Cancer Center, former CMO of Accenture

### Senior management - average tenure of 17 years<sup>7</sup>



Guo Xiao Chief Executive Officer 23-year tenure





**Erin Cummins** 18-year tenure

Chief Financial Officer



Julie Woods-Moss Chief Marketing Officer 3-year tenure



**Rebecca Parsons** Chief Technology Officer 23-year tenure

**Chad Wathington** 

18-year tenure

Ramona Mateiu

General Counsel

13-year tenure

Chief Strategy Officer



**Martin Fowler Chief Scientist** 22-year tenure



Sai Mandapaty **Chief Commercial Officer** 12-year tenure



19-year tenure Ange Ferguson



Joanna Parke Chief Talent Officer 19-year tenure



Chris Murphy Chief Executive Officer North America 18-year tenure

## Building on an established commitment to ESG

#### **Environmental**

- Commitment to Science Based Targets initiative (SBTi); targets awaiting validation
- We expect to cut scope 1 & 2 GHG emissions by 50% by 2030 and scope 3 by 85%<sup>23</sup> and to source 100% renewable electricity by 2030
- Co-founder of the Green Software Foundation (GSF)
- Creator of Cloud Carbon Footprint, a multi-cloud, open source cloud emissions calculator

#### Social

- Top 5% of the technology industry for diversity, equity and inclusion with a score of 8.9<sup>24</sup>
- 41.4% women and underrepresented gender minorities (WUGM) globally<sup>7</sup>
- 38.9% WUGM in tech roles<sup>7</sup>
- Member of the Digital Public Goods Alliance: three open source tools recognized as Digital Public Goods
- Thought leader in Responsible technology

#### Governance

- 33% WUGM board of directors<sup>7</sup>
- 60% WUGM executive officers<sup>7,25</sup>
- Annual Social impact report released in June
- Separate Chair and CEO
- Independent board members (eight of nine)<sup>7</sup>
- Mandatory security training for all employees

## With an unwavering commitment to creating positive social impact through our technology contributions

#### **UN Sustainable Development Goals**





Dementia research

Australia



Supporting out-ofschool children Thailand

Tech pathways for disadvantaged groups Spain



Ensuring representation India



First Nations scholarships

Australia

Green Software Foundation **GLOBAL SUMM T 2022** 

**Decarbonizing the** software industry

Global

And the gro strategies t in this large growing ma	o win e and fast	Deepen our relationships with existing clients	Establish new client relationships		
Develop new technical capabilities and client solutions	Develop and grow our strategic partnerships AWS Premier Services Partner	Focused geographic expansion Announced entry into Vietnam <sup>2</sup>	Pursue strategic, targeted acquisitions Acquired Connected, in Canada <sup>3</sup> Acquired Handmade, in Brazil <sup>4</sup>		

Investment highlights	1	Digital-native consultancy with differentiated thought leadership
	2	Diverse client base - geography and industry vertical
	3	Global talent where our clients operate
	4	Culture that attracts and retains the highest quality talent
	5	Premium position and high adjusted gross margins
	6	Rapidly growing with robust adjusted EBITDA margins

Premium brand | Rapid growth | Strong margins | Highly-diversified

## Footnotes

- 1. Unaudited financial information for 2014 through 2018. 2014 through 2018 revenues were calculated according to a prior accounting standard, ASC 605, and may not be directly comparable to our 2019 to 2022 revenues, which use ASC 606. Our adoption of ASC 606 as of January 1, 2019 did not materially impact our revenues.
- 2. Thoughtworks operated in 17 countries as of June 30, 2022. On April 26, 2022, Thoughtworks announced it was establishing operations in Ho Chi Minh City, Vietnam.
- 3. Announced April 27, 2022. See: https://investors.thoughtworks.com/news-releases/news-release-details/thoughtworks-acquires-leading-product-development-consultancy
- 4. Announced June 28, 2022; Closed August 12, 2022. See: <a href="https://www.thoughtworks.com/en-gb/about-us/news/2022/thoughtworks-announces-intent-to-acquire-strategic-design-consule">https://www.thoughtworks.com/en-gb/about-us/news/2022/thoughtworks-announces-intent-to-acquire-strategic-design-consul</a>
- 5. See: www.thoughtworks.com/what-we-do/enterprise-modernization-platforms-cloud/forrester-wave-modern-application-development-services
- 6. Employee concentration as of June 30, 2022
- 7. As of June 30, 2022
- 8. For the three months ended June 30, 2022
- 9. Reported YoY percentage growth rates calculated by comparison to prior year's corresponding period
- 10. Revenue Growth Rate at Constant Currency is calculated by translating the current period revenues into U.S. dollars at the weighted average exchange rates of the prior period of comparison
- 11. Adjusted EBITDA, and certain other measures in this deck, are Non-GAAP financial measures. For more information regarding the non-GAAP financial measures discussed in this presentation including a reconciliation of these non-GAAP measures to their corresponding GAAP measures, please see the Appendix to this presentation. For definitions of these non-GAAP measures, please see our press release for the most recent quarter-ended posted to the Investor Relations page of our website
- 12. Source: IDC press release, https://www.idc.com/getdoc.jsp?containerId=prUS48372321
- 13. Source: Gartner press release, Gartner Says 78% of CFOs Will Increase or Maintain Enterprise Digital Investments Through 2023 Even if Inflation Persists, May 25, 2022
- 14. Source: PwC Pulse Survey: Executive views on business in 2022 © 2022 PwC. All rights reserved. PwC refers to the PwC network and/or one or more of its member firms, each of which is a separate legal entity. Please see www.pwc.com/structure for further details.
- 15. Source: IDC, Worldwide Whole Cloud Forecast, 2021–2025, Doc # US47397521, Sep 2021 https://www.idc.com/getdoc.jsp?containerId=prUS48208321
- 16. Source: IDC press release\_https://www.idc.com/getdoc.jsp?containerId=prUS48881422
- 17. Source: MarketsandMarkets https://www.marketsandmarkets.com/Market-Reports/customer-experience-management-cem-market-543.html
- 18. Source: IDC, Worldwide CO2 Emissions Savings from Cloud Computing Forecast, 2021–2024, Doc # US47426420, Feb 2021 <a href="https://www.idc.com/getdoc.jsp?containerld=prUS47513321">https://www.idc.com/getdoc.jsp?containerld=prUS47513321</a>
- 19. For the six months ended June 30, 2022
- 20. Defined as clients for whom we have done work and generated revenues in excess of \$25,000 within the preceding twelve months
- 21. Top 10 clients are determined by spend for the year ended December 31, 2021
- 22. As of July 31, 2022
- 23. 85% reduction per employee
- 24. Peakon employment survey October 2021
- 25. Executive officer is defined as an "officer" pursuant to Rule 16a-1(f) of the Securities Exchange Act of 1934, as amended
- 26. See: https://www.thoughtworks.com/about-us/news/2020/named-strong-performer-digital-product-development-services

# Delivering extraordinary impact together

/thoughtworks

© 2022 Thoughtworks

## Appendix



© 2022 Thoughtworks

### **Reconciliation of Non-GAAP financial measures**

(in thousands, except percentages)

	Three Months Ended June 30,			Six Months Ended June 30,				Year Ended December 31,				
		2022		2021		2022		2021		2021		2020
Net (loss) income		(29,992)	\$	18,152	\$	(89,896)	\$	36,737	\$	(23,623)	\$	79,283
Income tax expense		3,020		10,339		3,321		14,962		10,148		23,164
Interest expense		4,984		7,388		9,631		13,582		25,456		25,767
Other expense (income), net		413		(83)		325		(144)		1,671		(185)
Unrealized foreign exchange losses (gains)		15,354		(1,410)		9,507		2,519		5,024		(5,351)
Stock-based compensation		55,186		8,362		175,922		10,236		157,946		1,667
Depreciation and amortization		8,074		7,157		16,656		14,041		29,528		26,528
Acquisition costs (a)		1,282		1,083		1,302		7,486		8,524		633
Certain professional fees (b)		63		198		866		1,846		1,991		56
Non-recurring tender offer compensation expense (c)		_		1		_		2,715		2,715		_
Business rationalization (d)		_		_		_		_		_		1,316
IPO-related costs (e)		_		32		_		1,075		2,713		315
Employer payroll related expense on employee equity incentive plan (f)		(125)		_		3,497		_		1,154		_
Final tax assessment for closed operations (g)		258		—		258		—		_		—
Adjusted EBITDA	\$	58,517	\$	51,219	\$	131,389	\$	105,055	\$	223,247	\$	153,193
Net (loss) income margin		(9.0)%		7.0 %		(13.8)%	, ,	7.4 %		(2.2)%		9.9 %
Adjusted EBITDA Margin		17.6 %		19.7 %		20.1 %	,	21.1 %		20.9 %		19.1 %

<sup>(a)</sup> Reflects costs for certain professional fees and retention wage expenses related to certain acquisitions.

<sup>(b)</sup> Adjusts for certain transaction expenses, nonrecurring legal expenses, and one-time professional fees.

<sup>(c)</sup> Adjusts for the additional compensation expense related to the tender offer completed in the first quarter of 2021.

<sup>(d)</sup> Adjusts for business rationalization revenues and costs related to closing Thoughtworks Studios, which ceased operations as of December 31, 2020.

<sup>(e)</sup> Adjusts for IPO-readiness costs and expenses that do not qualify as equity issuance costs.

<sup>(f)</sup> Adjusts for employer payroll related expense on employee equity incentive plan as these expenses are tied to the exercise or vesting of underlying equity awards and the price of our common stock at the time of vesting or exercise. As a result, these expenses may vary in any particular period independent of the financial and operating performance of our business.

<sup>(g)</sup> Adjusts for certain tax related expenses related to final tax assessments from closing operations in Uganda, which was completely shut down in 2015.

### **Reconciliation of Non-GAAP financial measures**

(in thousands, except percentages, number of shares and earnings per share)

	Three Months Ended June 30,					
		2022		2021		2022
Net loss allocated to common shareholders	\$	(29,992)	\$	(41,490)	\$	(89,896)
Preferred stock dividends		_		59,642		—
Net (loss) income		(29,992)		18,152		(89,896)
Unrealized foreign exchange losses (gains)		15,354		(1,410)		9,507
Stock-based compensation		55,186		8,362		175,922
Amortization of acquisition-related intangibles		3,303		3,052		6,295
Acquisition costs (a)		1,282		1,083		1,302
Certain professional fees (b)		63		198		866
Non-recurring tender offer compensation expense (c)		_		1		—
IPO-related costs (d)		_		32		_
Employer payroll related expense on employee equity incentive plan (e)		(125)		_		3,497
Final tax assessment for closed operations (f)		258		_		258
Change in fair value of contingent consideration (g)		528		_		528
Income tax effects of adjustments (h)		(8,849)		(5,124)		(27,279)
Adjusted Net Income	\$	37,008	\$	24,346	\$	81,000
GAAP diluted weighted average common shares outstanding	3	10,575,050	2	228,078,205	30	)8,394,443
Employee stock options and RSUs		20,771,926		12,282,343	:	22,068,402
Adjusted diluted weighted average common shares outstanding	3	31,346,976	2	240,360,548	33	30,462,845
GAAP diluted loss per common share	\$	(0.10)	\$	(0.18)	\$	(0.29)
Adjusted Diluted EPS	\$	0.11	\$	0.10	\$	0.25
Gross profit, GAAP	\$	92,366	\$	108,121	\$	149,957
Stock-based compensation		38,852		2,534		122,345
Employer payroll related expense on employee equity incentive plan (e)		(99)		_		2,277
Depreciation expense		3,859		2,669		6,595
Adjusted Gross Profit	\$	134,978	\$	113,324	\$	281,174
Gross margin, GAAP		27.8 %		41.5 %		23.0 %
Adjusted Gross Margin		40.6 %		43.5 %		43.1 %

<sup>(a)</sup> Reflects costs for certain professional fees and retention wage expenses related to certain acquisitions.

<u>. . .</u> ..

<sup>(b)</sup> Adjusts for certain transaction expenses, non-recurring legal expenses, and one-time professional fees.

<sup>(c)</sup> Adjusts for the additional compensation expense related to the tender offer completed in the first quarter of 2021.

<sup>(d)</sup> Adjusts for IPO-readiness costs and expenses that do not qualify as equity issuance costs.

<sup>(e)</sup> Adjusts for employer payroll related expense on employee equity incentive plan as these expenses are tied to the exercise or vesting of underlying equity awards and the price of our common stock at the time of vesting or exercise. As a result, these expenses may vary in any particular period independent of the financial and operating performance of our business.

<sup>(f)</sup> Adjusts for certain tax related expenses related to final tax assessments from closing operations in Uganda, which was completely shut down in 2015.

<sup>(g)</sup> Adjusts for the non-cash adjustment to the fair value of contingent consideration.

<sup>(h)</sup> Adjusts for the income tax effects of the foregoing adjusted items.