



### Accelerating Medicines, Together



### Disclaimer

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#### **Non-GAAP Financial Information**

This presentation contains "non-GAAP measures" that are financial measures that either exclude or include amounts that are not excluded or included in the most directly comparable measures calculated and presented in accordance with U.S. generally accepted accounting principles ("GAAP"). Specifically, we may make use of the non-GAAP financial measures adjusted EBITDA, adjusted EBITDA margin, [adjusted net income (loss), adjusted diluted earnings per share ("EPS), and constant currency ("CC") revenue, which are not recognized terms under GAAP and should not be considered as alternatives to net income (loss), GAAP EPS, or GAAP revenue as measures of financial performance or cash provided by operating activities as a measure of liquidity, or any other performance measure derived in accordance with GAAP. These non-GAAP measures have limitations as analytical tools and should not be considered in isolation, or as a substitute for our results as reported under GAAP. Because not all companies use identical calculations, the presentations of these measures may not be comparable to other similarly titled measures of other companies and can differ significantly from company to company.

Adjusted EBITDA represents net income (loss) excluding interest expense, provision (benefit) for income taxes, depreciation and amortization expense, intangible asset amortization, equity-based compensation expense, acquisition and integration expense and other items not indicative of our ongoing operating performance. Adjusted EBITDA margin represents adjusted EBITDA from GAAP net income] and adjusted diluted EPS exclude the effect of the same items noted above with respect to adjusted EBITDA from GAAP net income (loss) and GAAP EPS, respectively, as well as adjust the provision for income taxes for such charges. CC revenue excludes the effects of foreign currency exchange rate fluctuations by assuming constant foreign currency exchange rates used for translation. Current periods revenue reported in currencies other than U.S. dollars are converted into U.S. dollars at the average exchange rates in effect for the comparable prior periods. You should refer to the appendix at the end of this document for a reconciliation of these non-GAAP measures in specific periods to their most directly comparable financial measures calculated and presented in accordance with GAAP for those periods.

Management uses various financial metrics, including total revenues, income from operations, net income, CC revenue and certain non-GAAP measures, including those discussed above, to measure and assess the performance of the Company's business, to evaluate the effectiveness of its business strategies, to make budgeting decisions, to make certain compensation decisions, and to compare the Company's performance against that of other peer companies using similar measures. In addition, management believes these metrics provide useful measures for period-to-period comparisons of the Company's business, as they remove the effect of certain non-cash expenses and other items not indicative of its ongoing operating performance. Management believes that these metrics are helpful to investors, analysts, and other interested parties because they can assist in providing a more consistent and comparable overview of our operations across our historical periods. In addition, these measures are frequently used by analysts, investors, and other interested parties to evaluate and assess performance. In addition, our business has operations outside the United States that are conducted in local currencies. As a result, the comparability of the financial results reported in U.S. dollars is affected by changes in foreign currency exchange rates. We use CC revenue to evaluate the underlying performance of the business, and we believe it is helpful for investors to present operating results on a comparable basis period over period to evaluate its underlying performance. In evaluating adjusted EBITDA, [adjusted net income (loss)] adjusted diluted EPS, and CC revenue, you should be aware that in the future the Company may incur expenses similar to those eliminated in this presentation and this presentation should not be construed as an inference that future results will be unaffected by unusual items.

# We accelerate medicines to patients using biosimulation software, technology and services to transform traditional drug discovery and development.



### Certara at a Glance

BUSINESS	END-TO-END PLATFORM		3Q 2024 FINANCIALS
	$\rightarrow \rightarrow \rightarrow \rightarrow$	23AUL	
<b>20+ Year</b> History of innovation	<b>Software</b> • Biosimulation • Regulatory & compliance • Market access	~2,400 Customers across 66 countries	\$ <b>94.8M</b> Revenue 11% GAAP YoY Growth 10% CC YoY Growth <sup>(4)</sup>
~1,400 Employees <sup>(1)</sup> 430+with Ph.D.s, Pharm.D.s and M.D.s	Technology-Driven Services <ul> <li>Drug discovery &amp; development with biosimulation</li> </ul>	<b>10+ Year</b> Average tenure for top 30 customers	Net Income ( <b>\$1.4M</b> ) PY (\$47.4M) <sup>(5)</sup>
<b>21 Acquisitions</b> Track record of accretive, complementary acquisitions	<ul> <li>Regulatory science</li> <li>Market access</li> <li>\$14B TAM growing at</li> </ul>	<ul> <li><b>389</b> customers with ACV &gt; \$100,000</li> <li><b>63</b> customers with ACV &gt; \$1M</li> </ul>	\$33.1M Reported Adjusted EBITDA <sup>(6)</sup> PY \$28.8M 35% Adjusted EBITDA
(1) Employee data as of 12/31/2023	8-17% CAGR <sup>(2)</sup>	ACV > p    V	Margin <sup>(6)</sup>

(1) Employee data as of 12/31/2023

(2) Market research reports from Grand View and SpendEdge; as of 2024

(3) Customer data as of 12/31/2023

(4) See Appendix for reconciliation of GAAP revenue to constant currency (non-GAAP revenue)

(5) PY Net Income includes \$47.0M Goodwill Impairment Expense

(6) See Appendix for reconciliation of net income (loss) to adjusted EBITDA

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## **Biosimulation is transforming traditional drug R&D**

#### **Traditional R&D Pain Points**

- On average, it takes more than
   10 years and \$2B to bring a drug to market<sup>1</sup>
- The probability of success of compounds entering Phase I trials is only 7%<sup>2</sup>, and even in Phase III, just 53%<sup>3</sup> of drugs reach the market
- ~70% of drugs that failed in Phase II or Phase
   III trials<sup>4</sup> failed due to safety and efficacy issues





#### **Benefits of Biosimulation**

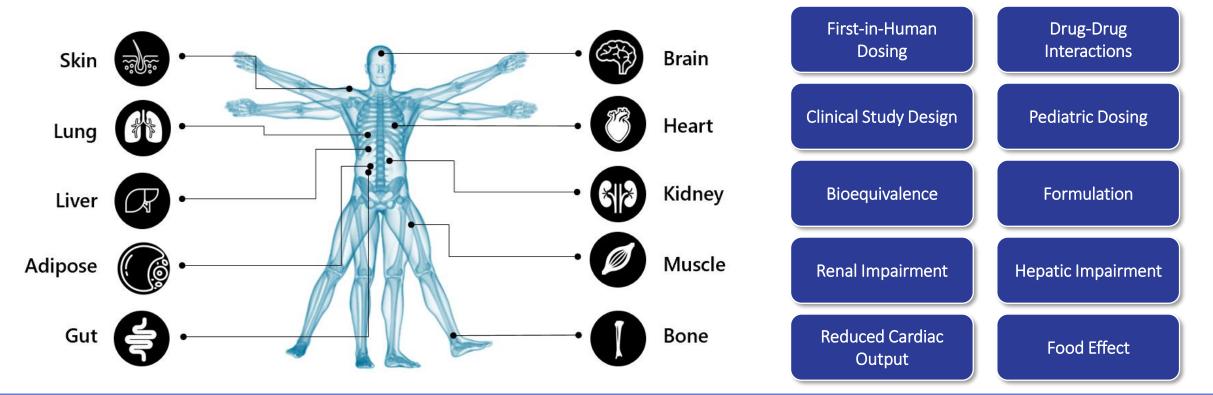
- In silico trials can replace human clinical trials in certain cases, saving significant time and money
- Biosimulation helps to increase probability of success in human clinical trials, the most expensive part of drug development
- Biosimulation helps to optimize dosing for different populations for enhanced safety and efficacy

#### Biosimulation can deliver significant time and cost savings in drug discovery and development

- 1. Biopharmaceutical Research and Development: The Process Behind New Medicines. www.PhRMA.org, January 2012, Washington, US http://phrma-docs.phrma.org/sites/default/files/pdf/rd\_brochure\_022307.pdf
- 2. Dowden, H. et al. Trends in clinical success rates and therapeutic focus. Nature Reviews Drug Discovery 18, 495-496 (2019)
- 3. EvaluatePharma. World Preview. 2020
- 4. Harrison, R. Phase II and phase III failures: 2013 2015. Nat Rev Drug Discov 15, 817-818 (2016). https://doi.org/10.1038/nrd.2017.184

# Biosimulation utilizes virtual patients to conduct in silico trials

Biosimulation is the computer-aided mathematical modeling of biological processes and systems to simulate and predict how the body affects the drug and how the drug affects the body

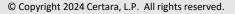


#### Simcyp Advanced Models for 10 Organs

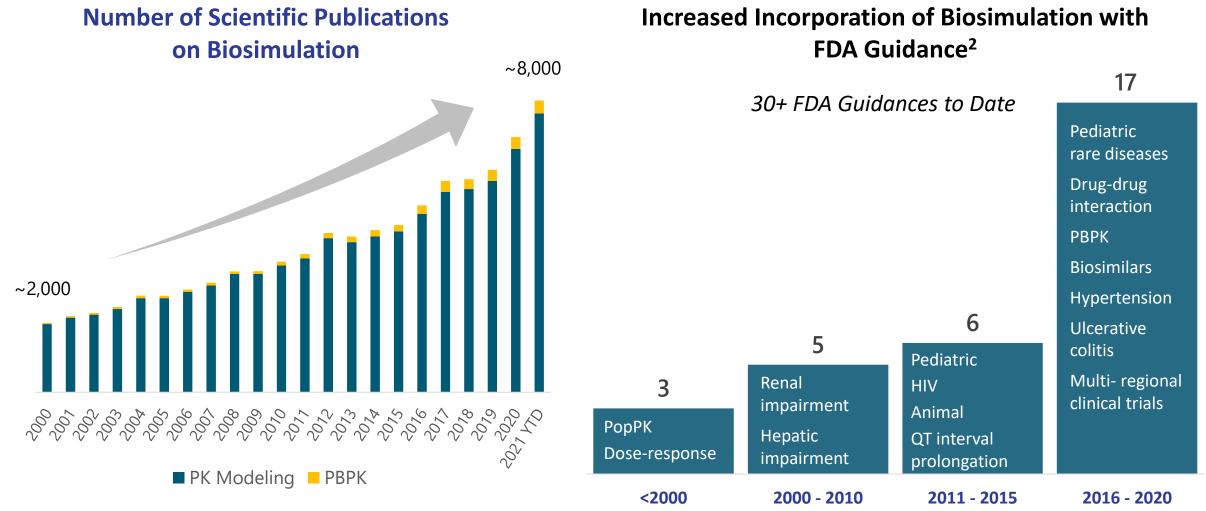
6

### **Biosimulation Software Applications**

We have created 29 different virtual patient populations and mathematical models for 10 organs



## Growing industry and regulatory adoption of biosimulation



1. Science Direct search for publications by key search terms

2. Model-Informed Drug Development: Current US Regulatory Practice and Future Considerations. Wang et al. Clinical Pharmacology and Therapeutics, April 2019

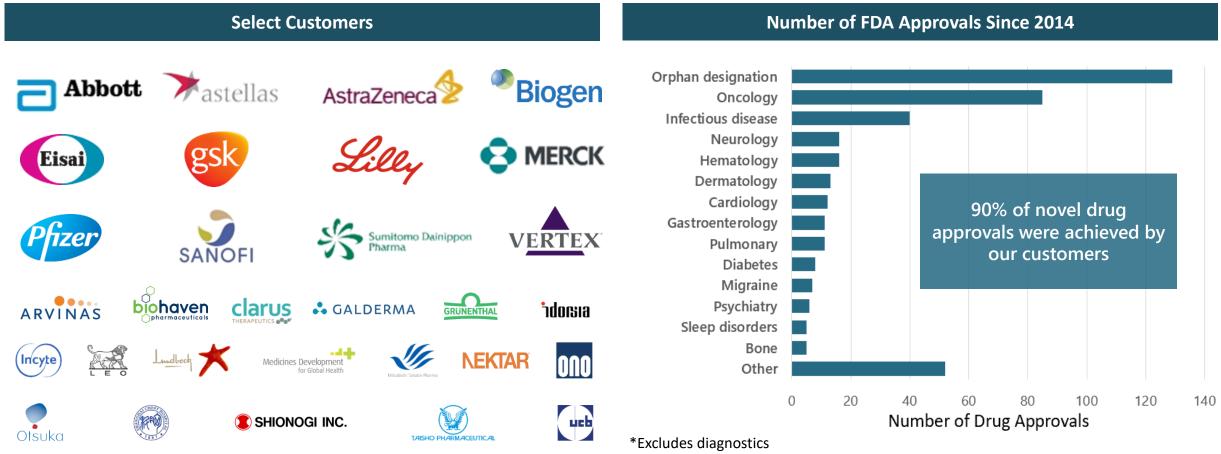
### Simcyp software has informed 300+ labels for 100 novel drug approvals

	ONCOLOGY	AgiosTibsovo (ivosidenib)AmgenBlincyto (blinatumomab)AmgenLumakras (sotorasib)AriadAlunbrig (brigatinib)Ariad (Takeda)Iclusig (ponatinib)AstraZenecaCalquence (acalabrutinib)AstraZenecaLynparza (olaparib)AstraZenecaTagrisso (osimertinib)BeigeneBrukinsa (zanubrutinib)BluePrint MedicinesAyvakit (avapritinib)CelgeneInrebic (fedratinib hydrochloride)Daiichi SankyoTuralio (pexidartinib)EMD SeronoTepmetko (tepotinib hydrochloride)GenentechAlecensa (alectinib)	GenentechCotellic (cobimetinib)GenentechPolivy (polatuzumab vedotin-piiq)GenentechRozlytrek (entrectinib)IncytePemazyre (pemigatinib)JanssenBalversa (erdafitinib)JanssenErleada (apalutamide)LillyRetevmo (selpercatinib)LillyVerzenio (abemaciclib)Loxo OncologyVitrakvi (larotrectinib)MiratiKrazati (adagrasib)NovartisFarydak (panobinostat)NovartisScemblix (asciminib)NovartisScemblix (asciminib)NovartisVijoice (alpelisib)	NovartisRydapt (midostaurin)NovartisTabrecta (capmatinib)NovartisZykadia (ceritinib)NovartisJakavi (ruxolitinib)PfizerBosulif (bosutinib)PfizerLorbrena (lorlatinib)PharmacyclicsImbruvica (ibrutinib)SanofiJevtana (cabazitaxel)Seattle GeneticsTukysa (tucatinib)SpectrumBeleodaq (belinostat)TakedaExkivity (mobocertinib)TaihoLytgobi (futibatinib)VerastemCopiktra (duvelisib)
	RARE DISEASE	AkaRx (Eisai)Doptelet (avatrombopag maleate)AstraZenecaKoselugo (selumetinib)AuriniaLupkynis (voclosporin)GenentechEnspryng (satralizumab)GenentechEvrysdi (risdiplam)Global Blood TherapeuticsOxbryta (voxelotor)	InterceptOcaliva (obeticholic acid)KadmonRezurock (belumosudil)MerckWelireg (belzutifan)MirumLivmarli (maralixibat)Mitsubishi TanabeDysval (valbenazyne)NovartisIsturisa (osilodrostat)	PTC Therapeutics Emflaza (deflazacort) Sanofi Genzyme Cerdelga (eliglustat tartrate) Vertex Symdeko (tezacaftor/ivacaftor) Vertex Trikafta (elexacaftor/ivacaftor/tezacaftor)
	CENTRAL NERVOUS SYSTEM	AbbVieRinvoq (upadacitinib)AbbVieQulipta (atogepant)AlkermesAristada (aripiprazole lauroxil)AlkermesLybalvi (olanzapine/samidorphan)	EisaiDayvigo (lemborexant)IdorsiaQuviviq (daridorexant)JanssenPonvory (ponesimod)Kyowa KirinNourianz (istradefylline)	Lilly Reyvow (lasmiditan succinate) Novartis Mayzent (siponimod fumaric acid) UCB Briviact (brivaracetam)
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	INFECTIOUS DISEASE	GileadVeklury (remdesivir)JanssenOlysio (simeprevir)MerckPifeltro (doravirine)	MerckPrevymis (letermovir)NabrivaXenleta (lefamulin acetate)NovartisEgaten (triclabendazole)	TibotecEdurant (rilpivirine)ViiVCabenuva Kit (cabotegravir/rilpivirine)
	GASTROENTEROLOGY	AstraZenecaMovantik (naloxegol)HelsinnAkynzeo (fosnetupitant/palonosetron)	Phathom         Voquezna TriplePak (vanoprazan/amoxicillin/clarithromycin)           Shionogi         Symproic (naldemedine)	Shire Motegrity (prucalopride)
E.	CARDIOVASCULAR	Actelion (J & J) Opsumit (macitentan) Bayer (and Merck) Verquvo (vericiguat)	BMS Camzyos (mavacamten) Johnson & Johnson Xarelto (rivaroxaban)	Pfizer Revatio (sildenafil)
000	OTHER	AbbVie Orilissa (elagolix) Agios Pyrukynd (mitapivat) Galderma Aklief (trifarotene)	Janssen Invokana (canagliflozin) Lilly Olumiant (baricitinib) Lilly Mounjaro (tirzepadide)	MerckSteglatro (ertugliflozin)Peloton/MerckWelireg (belzutifan)TakedaLivtencity (maribavir)

Updated Feb. 2023

We believe that our customers would have faced *millions in additional costs and significant launch delays* had they conducted human clinical trials for these drug label claims

### Blue chip customer base spanning large biopharma and biotech

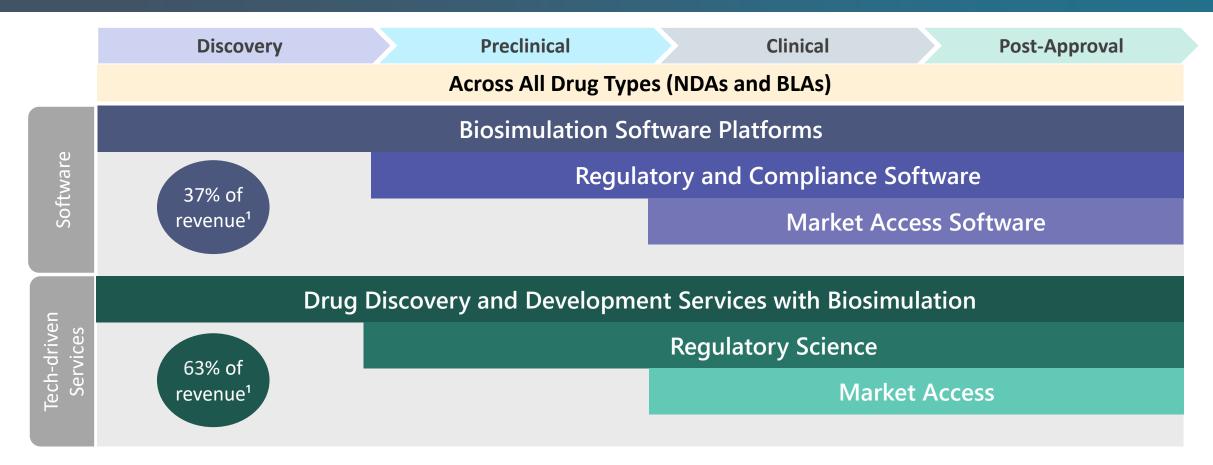


Orphan designation applies across therapeutic areas

We have nearly 2,400 customers worldwide across 66 countries, including 38 of the top 40 biopharmaceutical companies by R&D spend in 2022



### The Certara End-to-End Platform

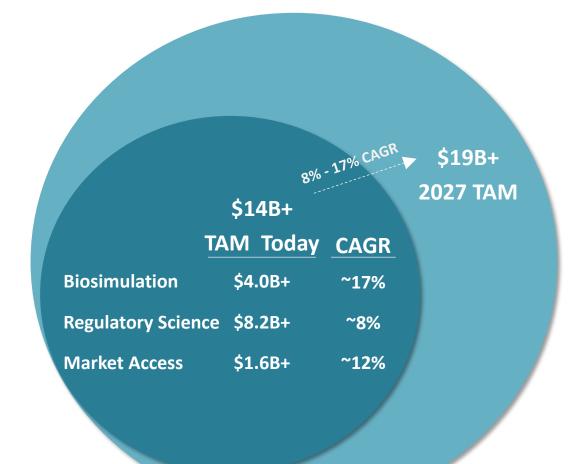


For over 20 years, we have purpose-built and invested in our proprietary end-to-end platform with strategic acquisitions and innovation

1. As of 12/31/2023



### Our end markets are large and growing



1. As of 2024 Sources: Grand View Research, SpendEdge

- **Drastic need for digital transformation** in \$212B biopharma R&D market<sup>1</sup>
- Industry is in paradigm shift, with **biosimulation adoption accelerating** and increasing acceptance from regulatory agencies
- Technology and analytics-driven improvements continue to grow exponentially in Life Sciences

We use biosimulation and technology throughout R&D to reduce costs and improve outcomes

## **Biosimulation TAM Segmentation**

Biosimulation TAM \$4.0B										
~5 Scientists at global pha	on Software 0% rmaceutical companies, biotechs and CROs	Biosimulation Services ~50% Drug R&D programs								
<b>Drug Discovery</b> ~45%	<b>Drug Development</b> ~55%	Drug Discovery ~20%	Drug Development ~80%							
<ul> <li>Quantitative Systems Pharmacology (QSP)</li> <li>Immuno-oncology QSP</li> <li>Immunogenicity QSP</li> </ul>	<ul> <li>PBPK<sup>1</sup> <ul> <li>Simcyp Simulator</li> </ul> </li> <li>PK/PD<sup>2</sup> <ul> <li>Phoenix Software</li> </ul> </li> </ul>	<ul> <li>QSP Consulting</li> </ul>	<ul> <li>PBPK Consulting</li> <li>PK/PD analysis</li> <li>Model-based meta-analysis</li> </ul>							
<ul> <li>Discovery Informatics</li> <li>D360 Software</li> </ul>	<ul> <li>Model-based meta-analysis         <ul> <li>CODEx Databases</li> </ul> </li> </ul>									

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Certara Solutions (illustrative examples)

	Software	Tech-driven Services						
Key Differentiators	<ul> <li>Industry standard built over 20 years</li> <li>Adopted by 23 global regulatory agencies</li> <li>Embedded in customers' R&amp;D processes – 105%+ net retention rate<sup>(1)</sup></li> <li>Validated by 34k+ scientific publications</li> <li>Used by ~400 academic institutions</li> <li>10+ year average tenure for top 30 customers</li> </ul>	<ul> <li>Scalable service model powered by proprietary technology</li> <li>High net revenue repeat rate of 96% in 2023</li> <li>Integrated services with 90% of our top 50 customers using both biosimulation solutions and regulatory &amp; access services</li> <li>Renowned for key opinion leadership</li> <li>Depth and breadth of experience across every therapeutic area and modality</li> </ul>						

#### Our differentiated strengths enable us to win new customers and projects

(1) Our net retention rates measure the percentage of recurring revenue that is retained from existing software customers over a specific time period of time, inclusive of price increases and expansion, for businesses that have been owned for greater than 12 months

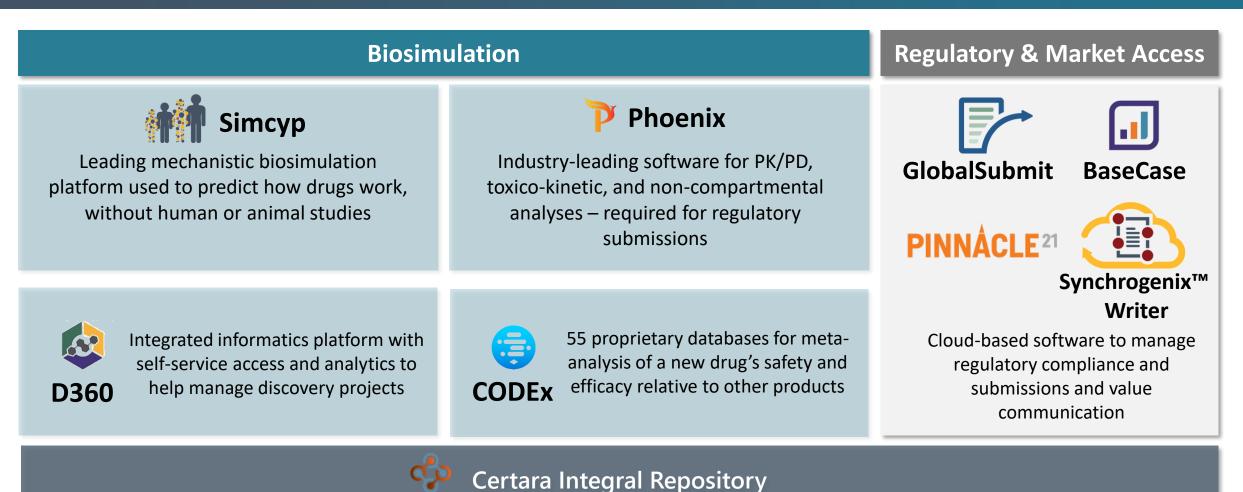
# Deeply experienced leadership team and global talent footprint



### Of our ~1,400 employees, 430+ hold PhD, PharmD, or MD degrees



### **Certara's Industry-Standard Software**



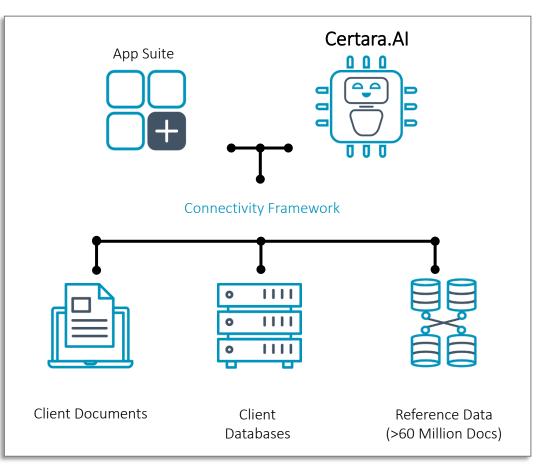
### Our industry-leading software is adopted by more than 57,000 users worldwide across 66 countries

All statistics are as of 12/31/2023 unless noted

### **Certara.AI Platform**

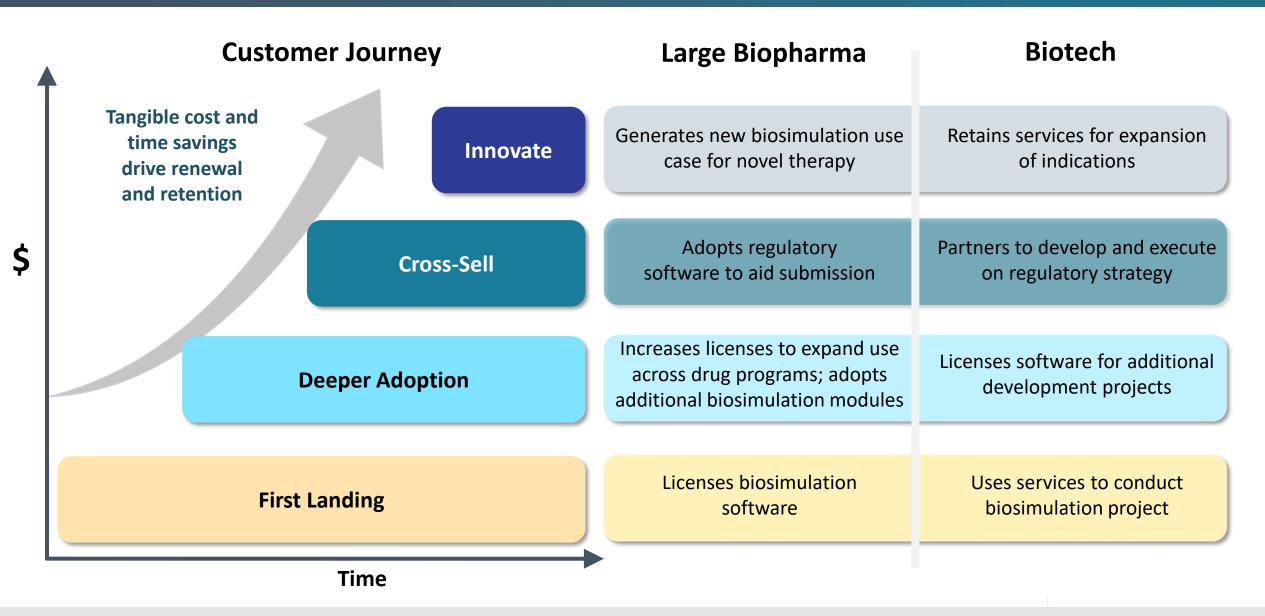
### Secure, flexible platform for deploying life science specific GPTs across organizational data

- Purpose-Built GPTs: Trained specifically on biomedical data, GPTs within Certara.AI are purpose-built to understand scientific concepts enabling highly specific, validated responses.
- ✓ GPT Referencing: By securely connecting to customer data, Certara.AI provides direct access to internal documents and files to enable referencing of GPT responses.
- ✓ Up to Date Information: Indexes data in real-time, ensuring GPTs have access to up-to-date insights required for life science analytics.
- Scalability: Has a scalable architecture allowing expansion to new data environments and deployment to new GPT models without interfering with existing workflows.
- Trained on Customer Data: GPT models within Certara.AI train on customer data, allowing for organization specific GPT models that understand use cases and terminology.
- Pre-Analyzed Library of Public Life Science Content: Features a library of over 60 million life science research documents.



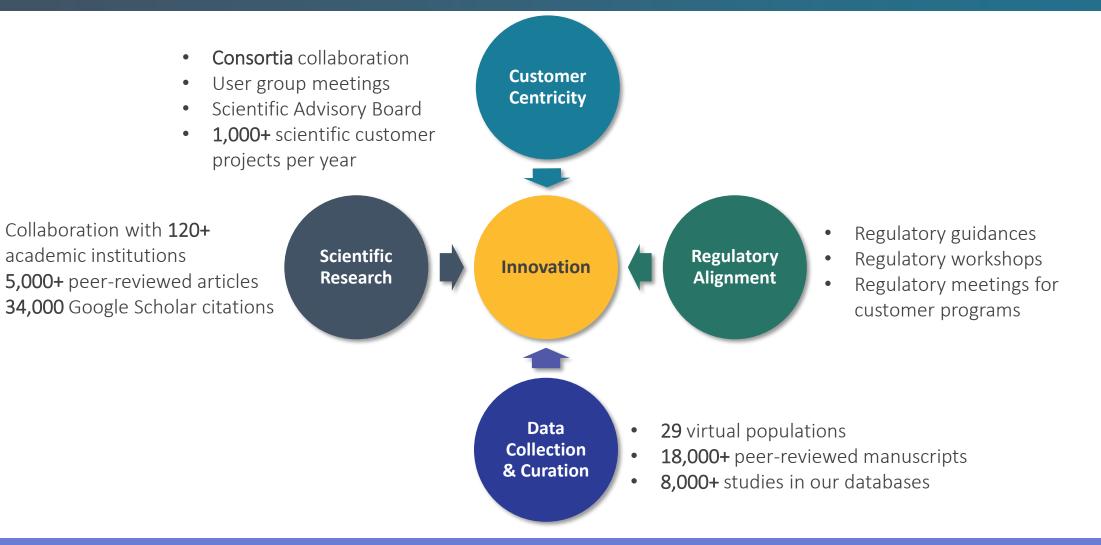
Certara.AI is being integrated across Certara's end-to-end product suite in discovery, clinical, and regulatory

# Certara's platform is built to meet clients where they are



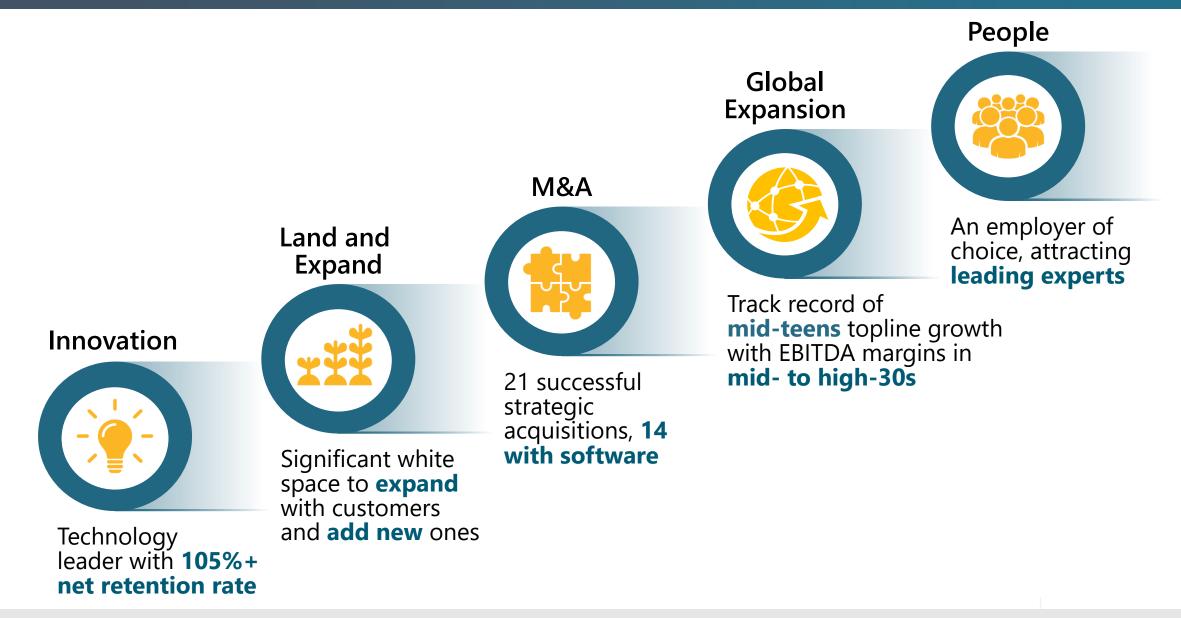
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## Our R&D framework advances innovation in biosimulation



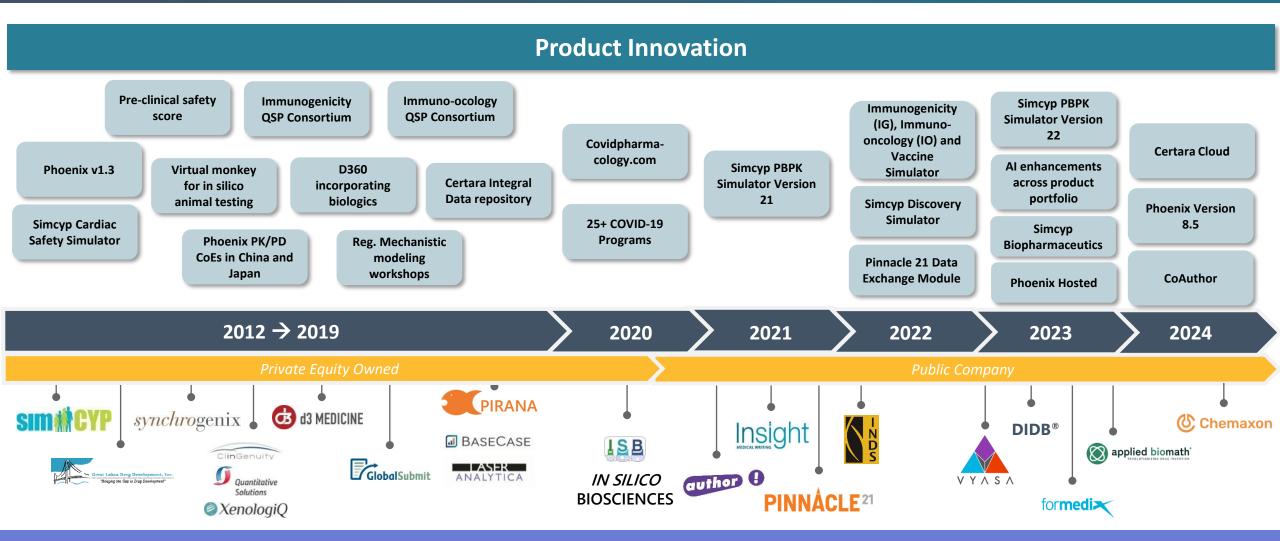
We have a regular cadence of incremental and breakthrough innovations with new software applications and updates

### Our proven growth strategy





### Long history of innovation driven by investment in our platform



Well-positioned to continue delivering growth through organic and inorganic opportunities



## **Certara Financial Highlights**

Predictable bookings drive substantial revenue growth

Highly recurring revenue driven by strong retention rates supports significant visibility

Robust margins with attractive free cash flow conversion

Investment in platform to drive future growth opportunities

Long term potential for accelerated adoption of biosimulation solutions



### **Our Business Models**

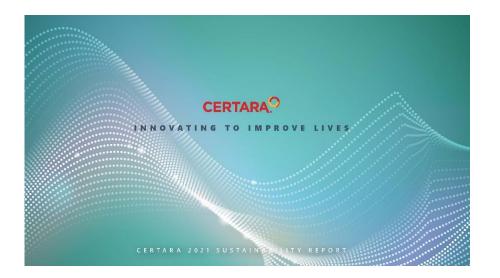
	Software	Tech-Driven Services				
Products	<ul> <li>Simcyp</li> <li>Phoenix</li> <li>D360</li> <li>CODEx</li> <li>GlobalSubmit</li> <li>BaseCase</li> <li>Pinnacle 21</li> <li>Integral</li> </ul>	<ul> <li>Biosimulation</li> <li>Regulatory Science</li> </ul>				
Contract Type	Individual or bundled licenses depending on customer	Master Services Agreement or project specific				
Contract Term	1 – 3 years	Project and program dependent				
Recurring Revenue <sup>1</sup>	Net Retention Rate <sup>(2)</sup> 109%	Net Revenue Repeat Rate 96%				
% of Revenue <sup>1</sup>	37%	63%				

(1) Data as of 12/31/2023

(2) Our net retention rates measure the percentage of recurring revenue that is retained from existing software customers over a specific time period of time, inclusive of price increases and expansion, for businesses that have been owned for greater than 12 months



### **Environmental, Social and Governance (ESG)**



### **Certara Inaugural ESG Report**

Issued April 2022

- Accelerating crucial medicines to patients
- Advancing scientific thought leadership and knowledge sharing
- Increasing engagement with employees

**REGULATORY SUBMISSIONS** 

IN THE PAST 4 YEARS

#### GENDER AND ETHNICALLY DIVERSE REPRESENTATION

GLOBAL FEMALE TALENT REPRESENTATION	Ę	
	FY20	FY21
FEMALE EMPLOYEES	<b>52%</b>	54%
FEMALE MANAGERS AND ABOVE	<b>46</b> %	<b>48</b> %
FEMALE NEW EMPLOYEE HIRES	55%	60%
U.S. ETHNICALLY DIVERSE TALENT REPRESENTATION	FY20	FY21
ETHNICALLY DIVERSE	27%	<b>28</b> %
ETHNICALLY DIVERSE MANAGERS AND ABOVE	22%	22%
ETHNICALLY DIVERSE NEW EMPLOYEE HIRES	34%	35%



NEW PRODUCTS AND

**PRODUCT UPDATES IN 2021** 

1M



SCIENTISTS TRAINED IN OUR SOFTWARE IN 2021

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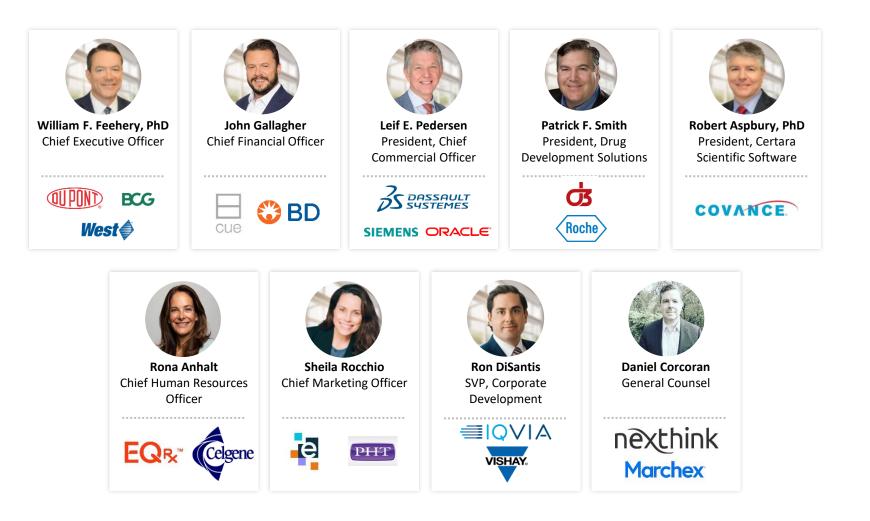
DRUG PROGRAMS ADVANCED

IN 2021

2021 R&D SPEND

(10% OF REVENUE)

## We have a deeply experienced leadership team





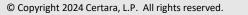
## Certara investment highlights





# **Covering Analysts**

Bank	Analyst
Baird	Joe Vruwink
Bank of America	Michael Ryskin
Barclays	Luke Sergott
Jefferies	David Windley
JMP Securities	Constantine Davides
KeyBank	Scott Schoenhaus
Leerink	Michael Cherny
Morgan Stanley	Vikram Purohit
Stephens	Jeff Garro
UBS	Dan Leonard
William Blair	Max Smock







### **Accelerating Medicines**



## **Reconciliation of Net Income (Loss) to Adjusted EBITDA**

	THREE MONTH SEPTEMBE		NINE MONTHS SEPTEMBE		
	2024	2023	2024	2023	
		(in thousands)			
Net income (loss)(a)	\$(1,371)	\$(48,965)	\$(18,628)	\$(42,901)	
Interest expense(a)	5,187	5,903	16,516	17,046	
Interest income(a)	(2,609)	(2,864)	(7,669)	(6,428)	
(Benefit from) Provision for income taxes(a)	(290)	(4,644)	(736)	142	
Depreciation and amortization expense(a)	439	367	1,322	1,139	
Intangible asset amortization(a)	16,353	13,813	48,495	40,099	
Currency (gain) loss(a)	1,546	(2,179)	2,526	(165)	
Equity-based compensation expense(b)	8,187	8,645	27,043	20,798	
Change in fair value of contingent consideration(d)	2,431	8,757	8,092	11,316	
Goodwill impairment expense(e)	_	46,984	_	46,984	
Acquisition-related expenses(f)	1,364	1,392	4,151	3,276	
Integration expense(g)	_	33	_	190	
Transaction - related expenses (h)	(128)	_	2,625	_	
Severance expense(j)	_	_	183	_	
Reorganization expense(j)	1,730	1,602	3,944	1,602	
Loss on disposal of fixed assets(k)	_	_	13	29	
Executive recruiting expense(l)	222		645	396	
Adjusted EBITDA	\$33,061	\$28,844	\$88,522	\$93,523	

	 THREE MONTHS ENDED SEPTEMBER 30,							Change						
	 2024		2024		2023		\$	%			\$	%		
	Actual		СС		Actual		Actual	Actual		CC Impact		Adjust for CC		
	(GAAP)	(n	on-GAAP)		(GAAP)		(GAAP)	(GAAP)		(nor	n-GAAP)	(non-GAAP)		
					(in thou	sands	s except perce	entage)						
Revenue														
Software	\$ 35,912	\$	35,632	\$	31,331	\$	4,581	15 9	%	\$	(280)	14 %		
Services	58,908		58,654		54,245		4,663	9 (	%		(254)	8 %		
Total Revenue	\$ 94,820	\$	94,286	\$	85,576	\$	9,244	11%	<u>ó</u>	\$	(534)	10%		



### Notes to Reconciliations

(a) Represents amounts as determined under GAAP.

(b) Represents expense related to equity-based compensation. Equity-based compensation has been, and will continue to be for the foreseeable future, a recurring expense in our business and an important part of our compensation strategy.

(c) Represents amortization costs associated with acquired intangible assets in connection with business acquisitions.

(d) Represents expense associated with remeasuring fair value of contingent consideration of business acquisition.

(e) Represents expense associated with goodwill impairment charge.

(f) Represents costs associated with mergers and acquisitions and any retention bonuses pursuant to the acquisitions.

(g) Represents integration costs related to post - acquisition integration activities.

(h) Represents costs associated with our public offerings that are not capitalized, as well as debt issuance costs that are not deferred or treated as a contra-liability directly deducted from the carrying value of the associated debt liability.

(i) Represents charges for severance provided to former executives.

(j) Represents expense related to reorganization, including legal entity reorganization and lease abandonment cost associated with the evaluation of our office space footprint

(k) Represents the gain/loss related to disposal of fixed assets.

(I) Represents recruiting and relocation expenses related to hiring senior executives.

(m) Represents the income tax effect of the non-GAAP adjustments calculated using the applicable statutory rate by jurisdiction.

(n) Represents potentially dilutive shares that were included from our GAAP diluted weighted average common shares outstanding.







# **Accelerating Medicines, Together**

