

Safe harbor statement

This presentation contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements are based on our management's beliefs and assumptions and on information currently available to our management. All statements other than statements of historical facts are "forward-looking statements," including statements relating to expectations and benefits of our strategy, market share and growth opportunities, M&A strategy and expansion, organic platform expansion, future business and product capabilities, future financial performance, and financial guidance. In some cases, you can identify forward-looking statements by terminology such as "may," "might," "will," "should," "expect," "plan," "anticipate," "project," "believe," "estimate," "predict," "potential" or "intend," the negative of terms like these or other comparable terminology, and other words or terms of similar meaning. These statements are only predictions. You should not place undue reliance on our forward-looking statements.

Forward-looking statements are not guarantees of future performance and are subject to future events, risks and uncertainties, many of which are beyond our control, or currently unknown to us. Our assumptions may turn out to be inaccurate and cause actual events or results to differ materially from our expectation or projections. All forward-looking statements are subject to risks and uncertainties that may cause actual results to differ materially from those that we expected, including: risks associated with the continued economic uncertainty, including persistent inflation, labor shortages, high interest rates, foreign currency exchange volatility, concerns of economic slowdown or recession, reduced spending by customers and geopolitical instability; failure to continue our recent growth rates; the effects of increased usage of, or interruptions or performance problems associated with, our learning platform; the impact on our business and prospects from health pandemics and epidemics; our history of losses and expectation that we will not be profitable for the foreseeable future; or ability to acquire new customers and successfully retain existing customers; failure of the markets for our applications to develop at anticipated rates; failure to manage our growth effectively; changes in the spending policies or budget priorities for government funding of Higher Education and K-12 institutions; and other factors disclosed in our filings with the Securities and Exchange Commission ("SEC"), including our most recent Annual Report on Form 10-K and subsequent Quarterly Reports on Form 10-Q.

We derive many of our forward-looking statements from our operating budgets and forecasts, which are based on many detailed assumptions. While we believe that our assumptions are reasonable, we caution that it is very difficult to predict the impact of known factors, and it is impossible for us to anticipate all factors that could affect our actual results. You should evaluate all forward-looking statements made in this presentation in the context of these risks and uncertainties. We caution you that the important factors referenced above may not contain all of the factors that are important to you. All written and oral forward-looking statements are expressly qualified by this cautionary statement as well as other cautionary statements that are made from time to time in our SEC filings and public communications. In addition, we cannot assure you that we will realize the results or developments we expect or anticipate or, even if substantially realized, that they will result in the consequences or affect us or our operations in the way we expect. The forward-looking statements included in this presentation are made only as of the date hereof. We undertake no obligation to update or revise any forward-looking statement as a result of new information, future events or otherwise, except as otherwise required by law.

Non-GAAP Financial Information

This presentation contains financial measures that have not been prepared in accordance with United States Generally Accepted Accounting Principles ("U.S. GAAP"). These financial measures include Non-GAAP Gross Profit Margin, Adjusted EBITDA, Free Cash Flow, Unlevered Free Cash Flow, Adjusted Unlevered Free Cash Flow and net debt. Non-GAAP financial measures are used to supplement the financial information presented on a U.S. GAAP basis and should not be considered in isolation or as a substitute for the relevant U.S. GAAP measures and should be read in conjunction with information presented on a U.S. GAAP basis. Because not all companies use identical calculations, our presentation of Non-GAAP measures may not be comparable to other similarly titled measures of other companies. We urge you to review the reconciliation of our historical non-GAAP financial measures to the most directly comparable GAAP financial measures set forth in the Appendix to this presentation, and not to rely on any single financial measure in isolation to evaluate our business. We are unable to provide guidance or a reconciliation for forward-looking non-GAAP measures because we cannot provide a meaningful or accurate calculation or estimation of certain items without unreasonable effort. This is due to the inherent difficulty in forecasting and quantifying certain amounts that are necessary for such reconciliation, including stock-based compensation and amortization of acquisition-related intangibles. Thus, we are unable to present a quantitative reconciliation of non-GAAP guidance to GAAP guidance because such information is not available.



Agenda

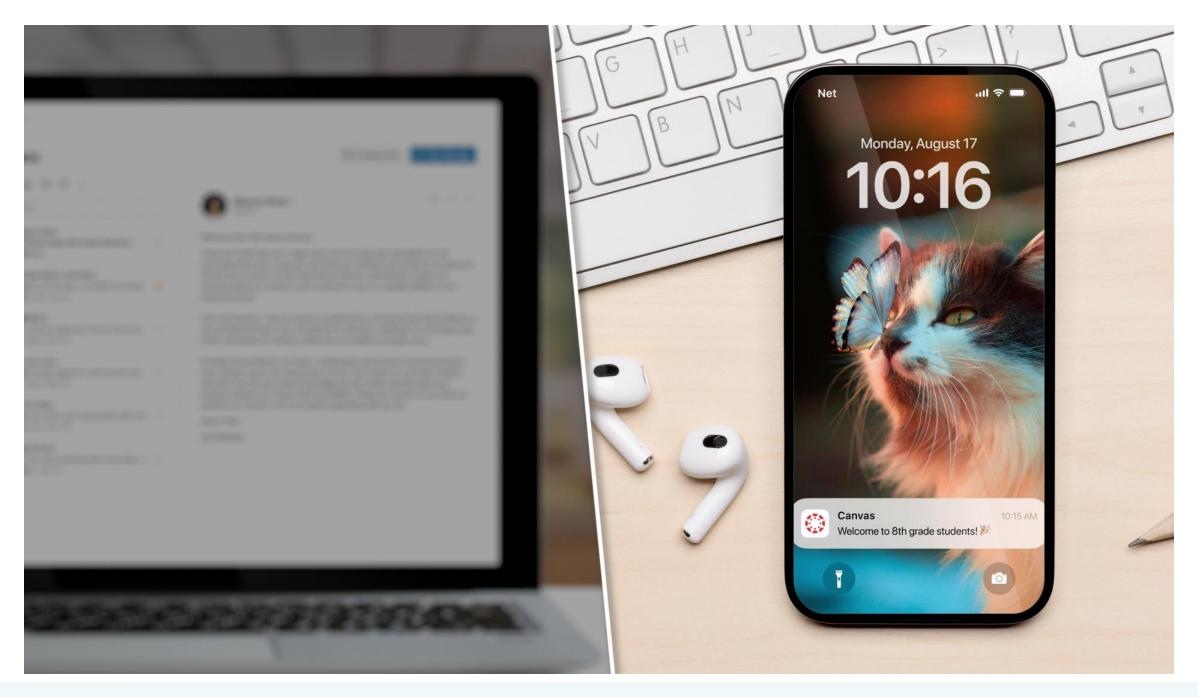
- Introduction & the Instructure mission Steve Daly, Chief Executive Officer
- 2 Charting the path ahead: Executing our strategic vision Mitch Benson, Chief Strategy Officer
- Our next-gen platform Shiren Vijiasingam, Chief Product Officer
- Our GTM evolution Chris Ball, President & Chief Operating Officer
- Customer panel: Empowering student & customer success Melissa Loble, Chief Academic Officer
- Elite SaaS financial performance Peter Walker, Chief Financial Officer
- **7** Closing Q&A
- 8 Appendix







Instructure Dream Big video





Steve Daly: Chief Executive Officer









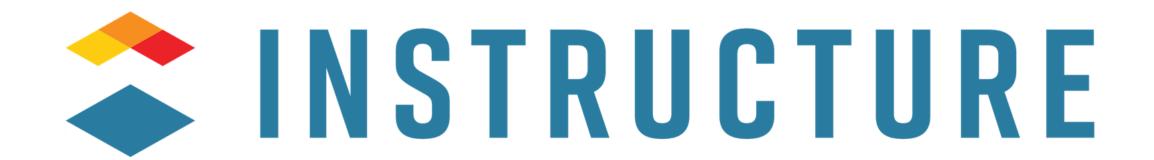


Key messages for today

- 1 We are a vertical SaaS leader, with powerful network effects, serving the entire learning market
- We have a growth strategy composed of sizeable runway in our core markets + new opportunities unlocked by our platform expansion since IPO
- We are now addressing more market segments than before: Credentials, Non-traditional and Partner are new, large opportunities for us
- 4 Product strategy & GTM strategy have evolved to best address our organic + inorganic growth opportunities
- Our elite financial profile combines high visibility and durable growth with compounding cash flow to fund investments underpinning our growth strategy
- 6 Clear pathway to deliver 9-11% organic ARR growth rate over a sustained timeframe

Note: ARR represents annualized recurring revenue from subscription and support under contract at a point of time





Our vision is to be the ecosystem that powers learning for a lifetime and turns that learning into opportunities



Our mission is focused on teaching and learning



student success















Our mission uniquely positions us to address critical challenges in education



Inconsistent & lowquality outcomes

38% | 30%

U.S. 8th Graders below national math and reading standards¹



Inefficient teacher tools

85%

of teacher time spent planning classes²

VS.

15%

of teacher time spent reviewing student performance²



Evolving education models

1M+

U.S. credential programs³

53%

Enrollment in distance education⁴



Uncertain Al impact

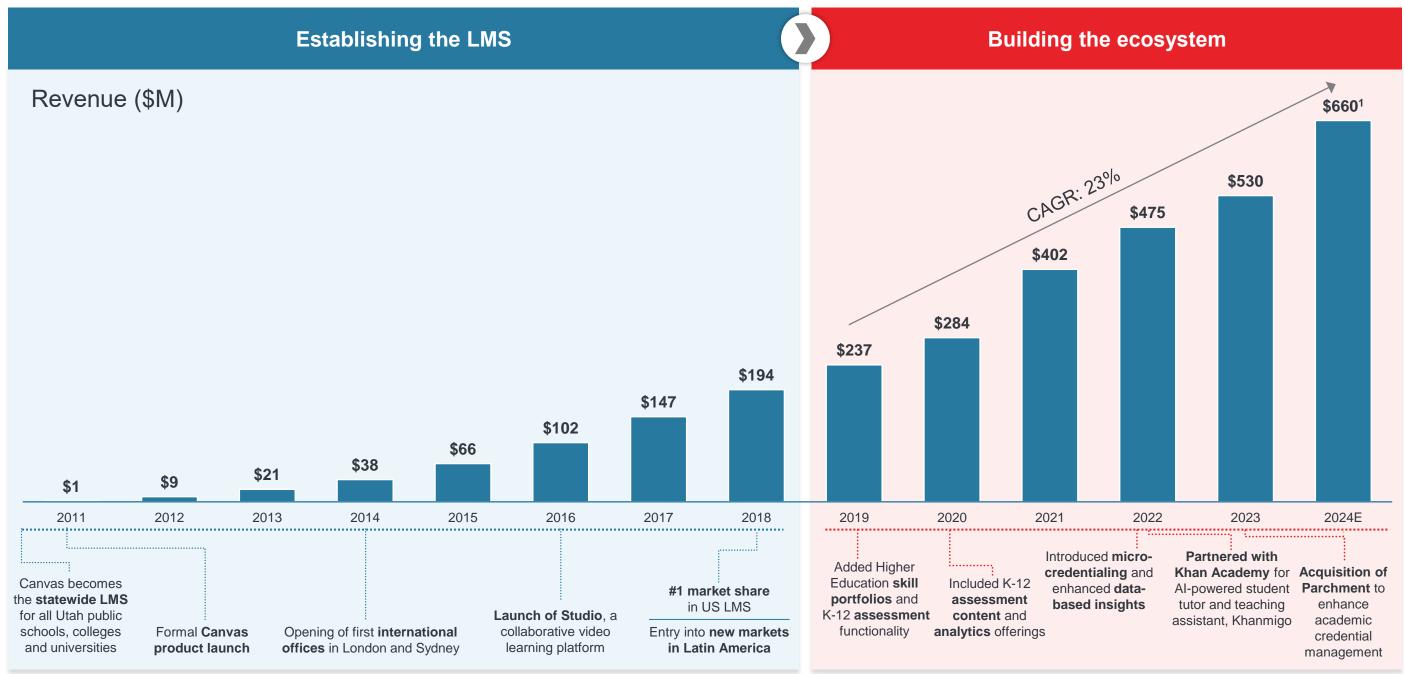
42%

of educators concerned about "de-humanization" due to GenAI⁵

¹ NAEP School Survey (2022); ² EY Parthenon "K-12 education technology in the wake of COVID-19" (2022); ³ Credential Engine "Counting U.S Secondary and Postsecondary Credentials Report (2022)"; ⁴ NCES data for Fall 2022 representing students enrolled in distance education courses in postsecondary institutions; ⁵ Instructure survey "Navigating Generative AI: Key Insights for This School Year" (2023)



Our mission continues to drive long-term value creation and growth



Note: Represents Instructure education-only revenue after removing revenue associated with Bridge from all periods due to its sale in 2021; acquisitions represent year of announcement; 1 At mid-point of the guidance range provided on February 20, 2024



Instructure is the education vertical SaaS leader



Mission-critical, scaled vertical SaaS **INSTRUCTURE** platform operating in a massive market Revenue

\$509M



Extensive installed base with room for further penetration

15K+

Global customers²

Cross-sell opportunity²



Leading margin & cash flow profile

Non-GAAP recurring gross profit margin

40%

Adj. EBITDA margin

Adj. uFCF conversion

Note: ARR represents annualized recurring revenue from subscription and support under contract at a point in time; ARR, revenue, non-GAAP recurring gross profit margin, Adj. EBITDA margin, and Adj. uFCF conversion as of the year ended December 31, 2023; non-GAAP recurring gross profit margin, Adjusted EBITDA margin and adjusted unlevered free cash flow margin are non-GAAP measures, see Appendix for reconciliations; non-GAAP recurring gross profit margin is calculated as subscription and support revenue minus subscription and support non-GAAP COGS divided by subscription and support revenue; ¹ Source: Oliver Wyman (2023), UNESCO/World Bank (2020/2023), HolonIQ (2023), NCES (2022), IBIS World (2023), Inside Higher Ed (2019), Gallup (2022), management estimates; ² Represents customer count and cross-sell for the Instructure and Parchment installed base as of the closing of the Parchment transaction



We are executing a clear, focused growth strategy

Scale

Scale Canvas into the most widely adopted LMS in the world

Expand

Expand ecosystems on the LMS platform

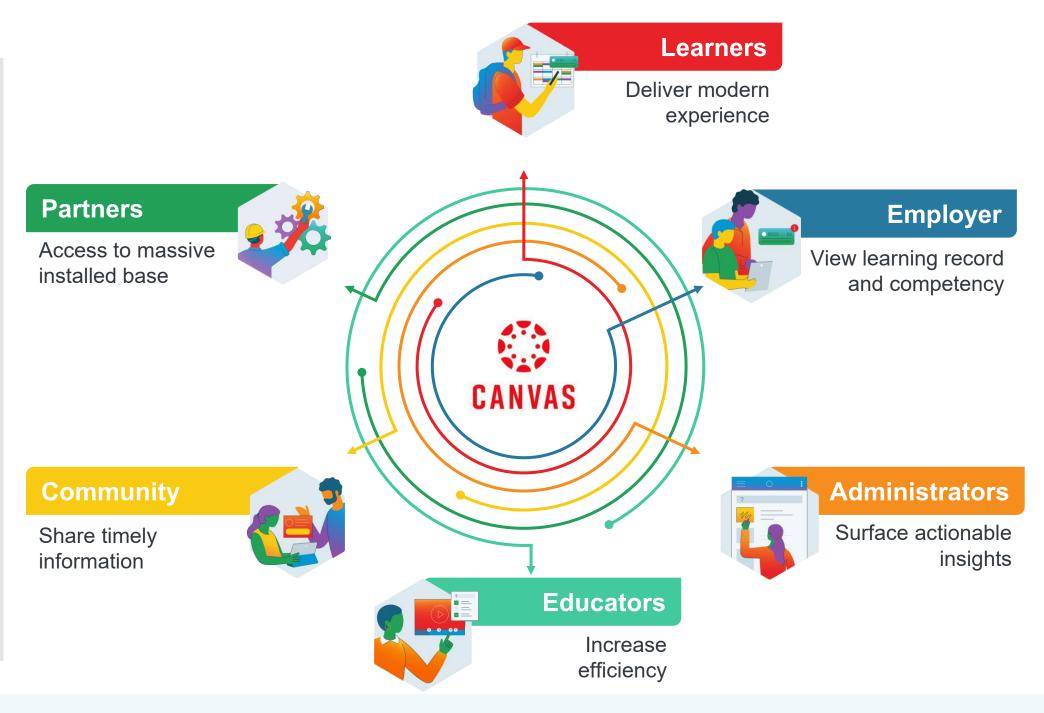
Connect

Connect the network that turns learning into opportunities



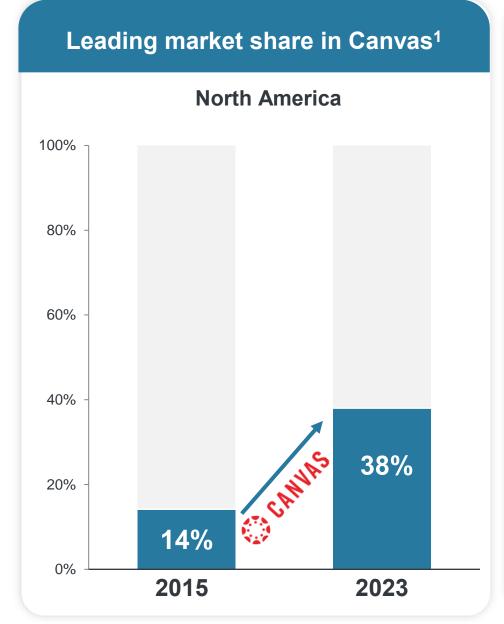
1 The LMS anchors the learning system

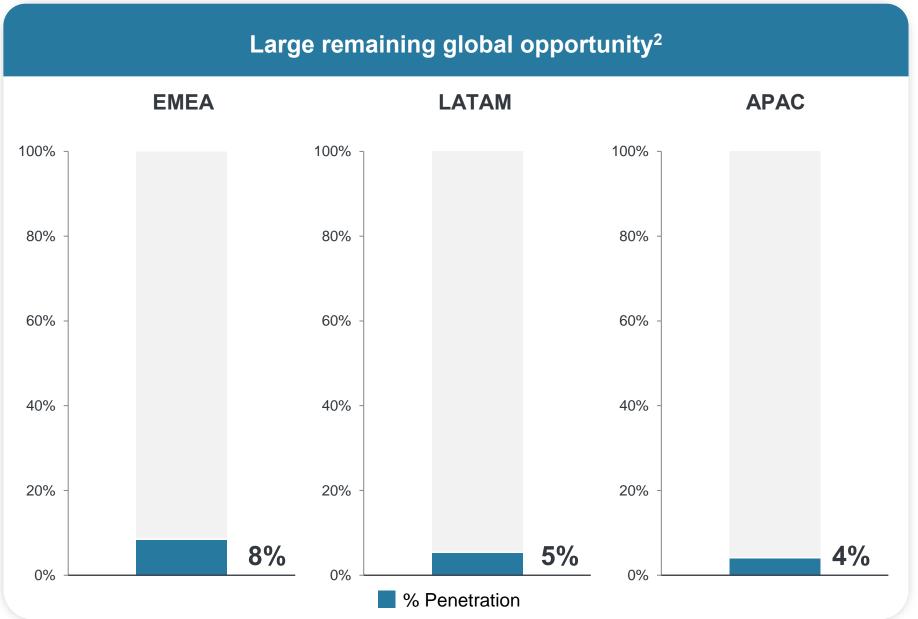
Instructure and its partners are the connective tissue between learners, educators, administrators, and the broader community that supports them





1 Compelling position to grow market share





Source: ListEdTech, EYParthenon

² Represents LMS penetrated (vended) market by student count for the year ended December 31, 2023



¹ Represents enrollments for North America LMS for the years ended December 31



1 Our existing LMS customers attract new ones







Key benefits

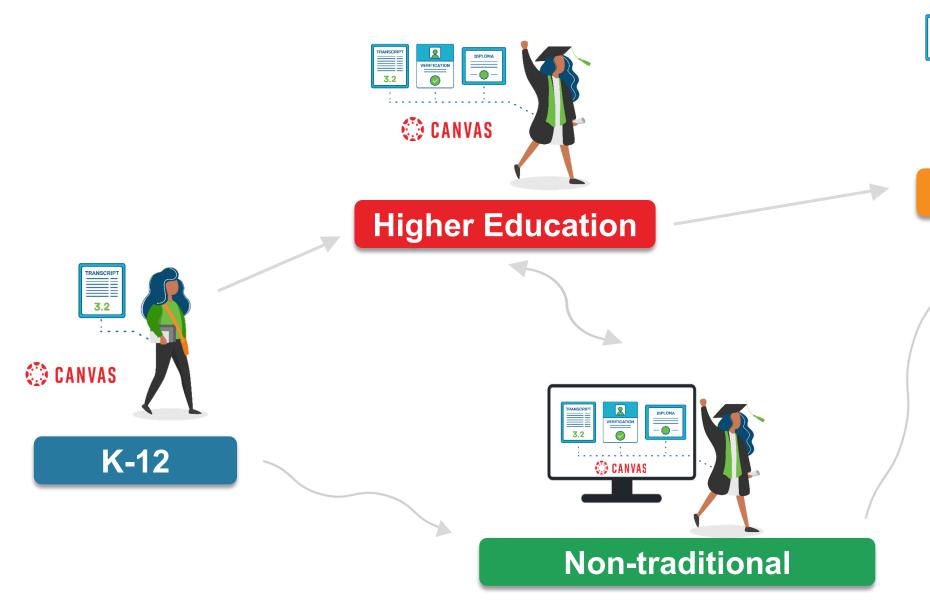
- √ ~97% customer satisfaction¹
- ✓ Product familiarity across lifelong learning
- ✓ Sticky customers
- ✓ Minimal churn
- ✓ Vibrant user community

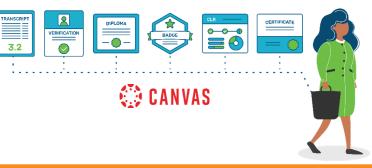
Note: Customer count as of December 31, 2023; non-traditional represents customers across corporate education, further education, government, training, and other categories 1 Represents the average of Canvas K-12 and Canvas Higher Education for the year ended December 31, 2023





1 One LMS across all education segments is a growing competitive advantage





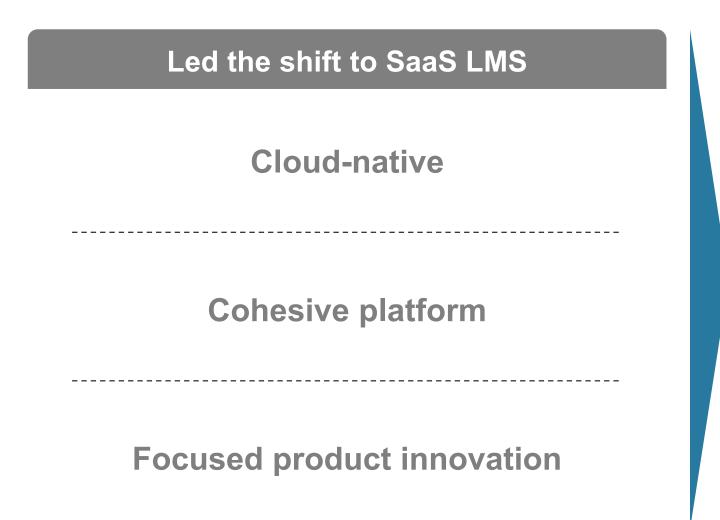
Lifelong Learning

✓ Serving all education segments increases win rates in each segment

✓ Puts Canvas in pole position to win Non-traditional



1 Al provides a compelling new opportunity to accelerate LMS share



Leading the shift to AI in LMS

Data advantage

Highest R&D capacity

Industry leadership position

Investing in AI as a platform for competitive differentiation as buyer criteria shift long-term



2 LMS is the education sector's platform for teaching and learning

90%+

of instructional workflows are enabled by the LMS

~4B

app launches in 2023

~72hrs

usage per-week by teacher + student



Instructional delivery and practice



Assessment and grading



Reporting



Lesson course and planning



Communication







Our solution suite expands customer value and reinforces Canvas at the same time

Family	Product	Product description
CANVAS	LMS & Studio	Hub of teaching and learning at institutions
Lifelong Learning	Catalog	Course listing offering for Non-traditional enrollment use
	Credentials	Badging solution for Traditional & Non-traditional institutions
Assessments	Formative / Predictive Assessment	State-specific custom assessments
	Item Banks	Question bank library
	Mastery Connect	Assessment engine for K-12 summative, formative use
Data & Insights	Enhanced Analytics	Insights and reporting on student learning performance
EdTech Effectiveness	Impact	Campaigns, in-line messaging, LTI tool analytics
	LearnPlatform	EdTech partner tool management, workflows, effectiveness data
	Partner Technologies	Partner technologies for data integration and reporting
Learning Passports	Parchment	Credential issuing and transferring, enrollment, learner record

11 products

~80%
of customers
using <2 products¹

New product bundles provide differentiated solutions

¹ As of December 31, 2023



We are expanding our services to third-party Partners who integrate into our platform

Driving growth with a new audience:

- Resell third-party tools
- Sell developer services
- Marketplace revenue share





Parchment positions us to connect evidence of learning with admissions and employment opportunities

Ecosystem ISSUERS OPPORTUNITIES COLLEGES ENROLLMENT UNIVERSITIES CERTIFICATION -0-CORPORATIONS WORKFORCE HIGH SCHOOLS THIRD PARTIES CREDENTIAL PROFILE 3.2 == ASSESSMENTS LICENSING BACKGROUND STATE CHECK **AGENCIES** COMPANIES = 0 **≅**⊚

Opportunities

Combines leading LMS with leading credential exchange

Opens a new \$3B TAM

Smooths academic transitions

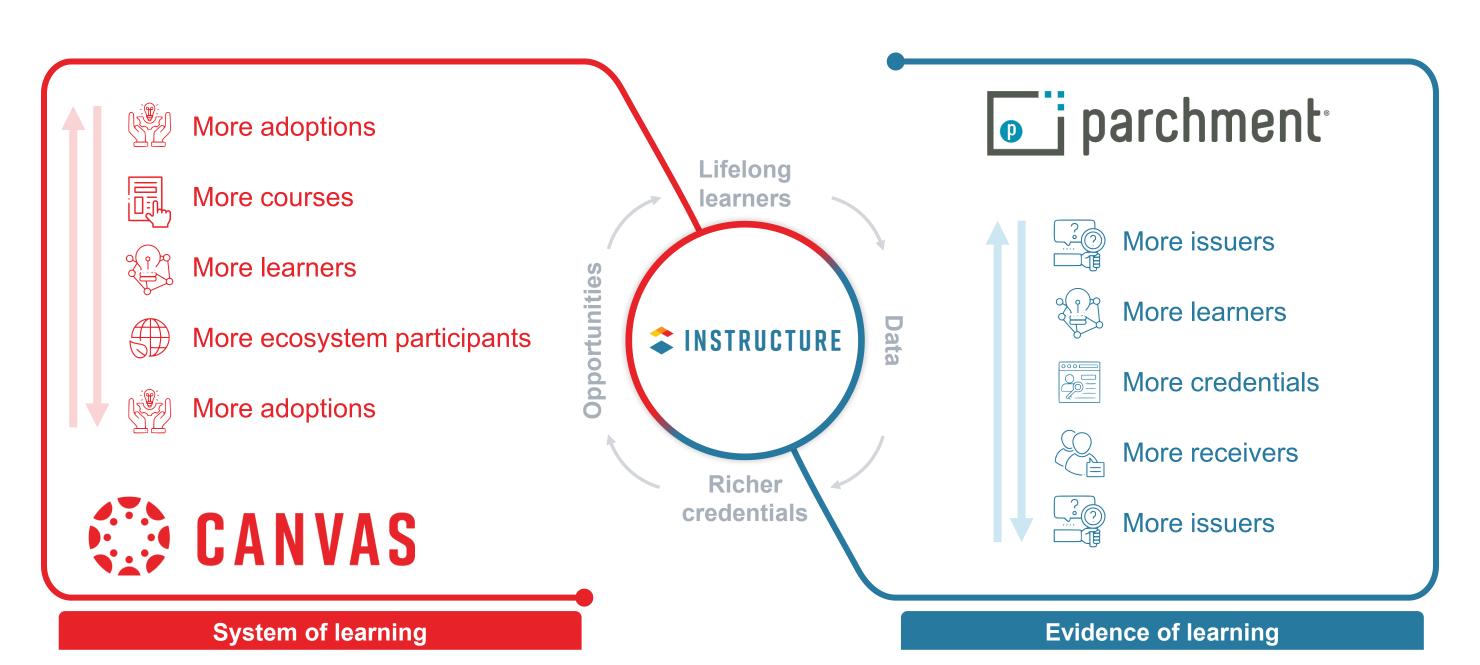
Extends value proposition into workforce

Wider reach across buyer personas

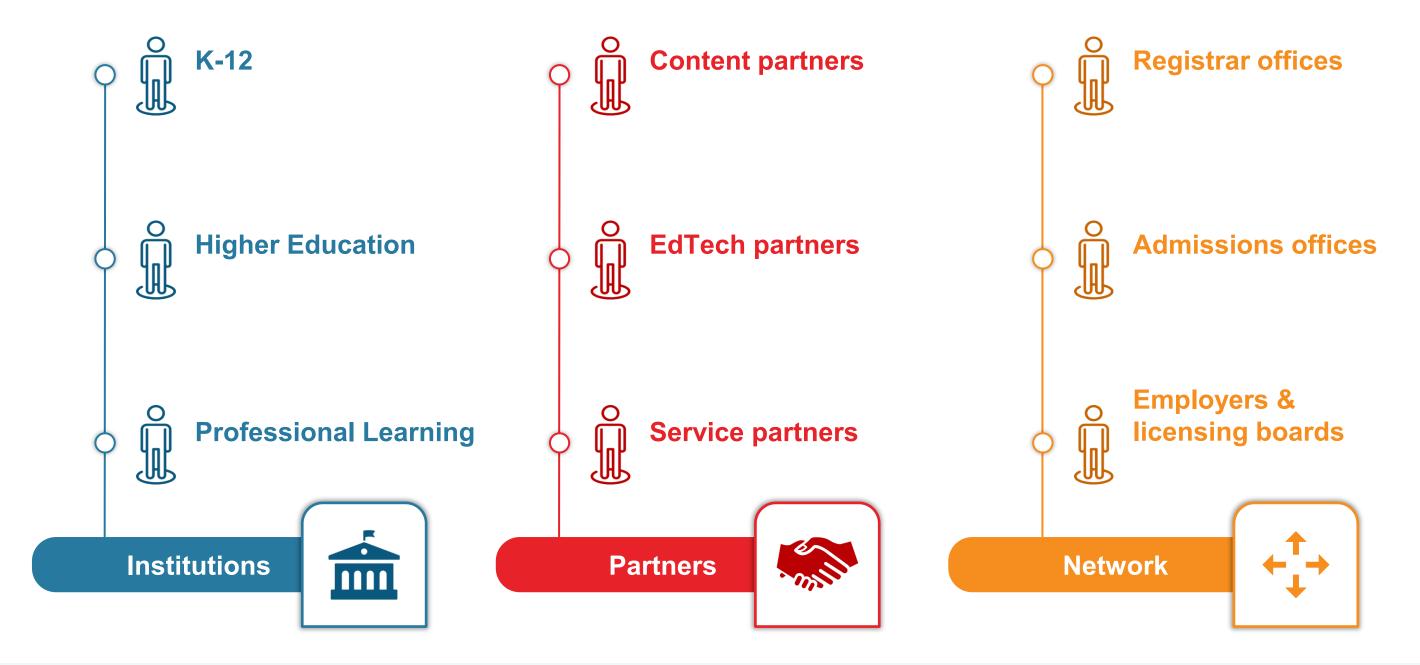
Supports learner experience & mobility



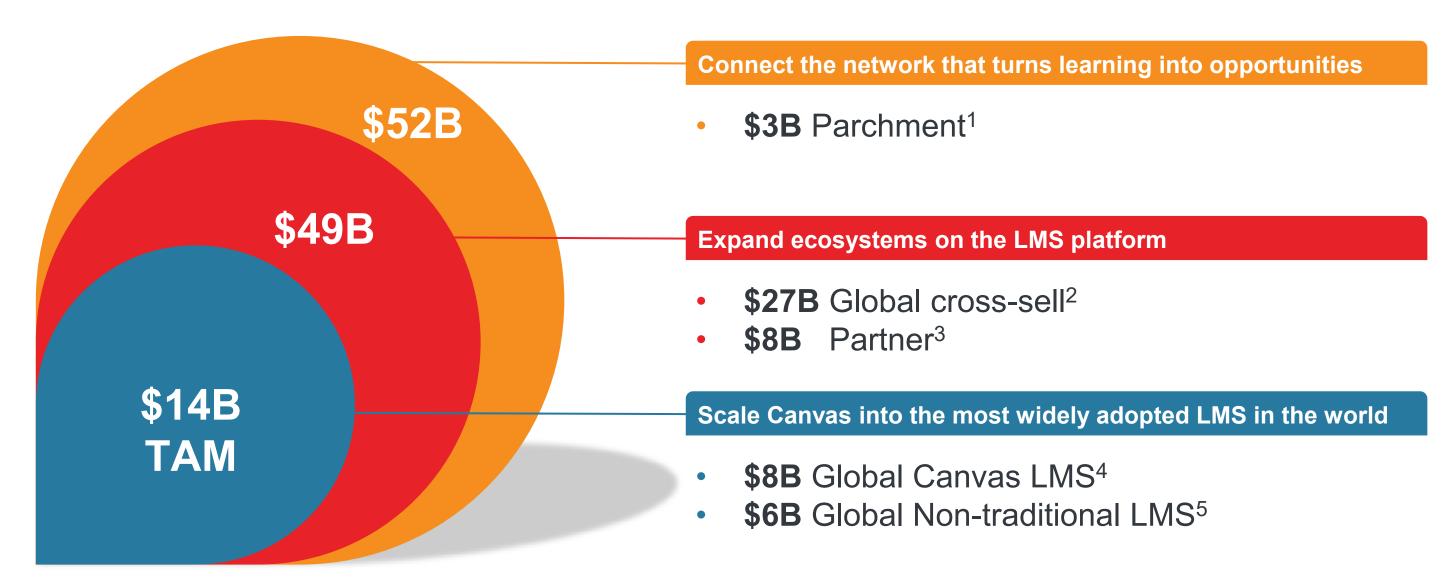
3 Integrating Canvas with Parchment creates a powerful flywheel effect



Our growth strategy significantly expands the stakeholders we serve



Our growth strategy unlocks multiple large markets



Source: ¹ Oliver Wyman (2023), management estimates; ² UNESCO/World Bank (2020/2023), management estimates; ³ HolonIQ (2023), management estimates; ⁴ UNESCO/World Bank (2020/2023), NCES (2022), management estimates; ⁵ UNESCO/World Bank (2020/2023), IBIS World (2023), Inside Higher Ed (2019), Gallup (2022), management estimates



We are executing our growth strategy with a proven playbook



Land with Canvas & Parchment

- ✓ Runway in core and international markets
- ✓ Evolving non-traditional opportunity

2

Expand platform reach

- ✓ Accelerating the cross-sell
- ✓ Unlock opportunities for our EdTech partners

3

Inorganic growth

✓ Right-to-win platform and partner of choice for continued M&A



We have assembled an experienced leadership team



Steve Daly Chief Executive Officer





intel. Avocent. MANDESK ivanti

2020



Mitch Benson Chief Strategy Officer



Pearson

2014



Shiren Vijiasingam Chief Product Officer



newsela

2022



Chris Ball President & Chief **Operating Officer**





2023



2013



Melissa Loble Chief Academic Officer

Blackboard

UCI





Joanna Fankhauser SVP, Business Intelligence & Operations





2017



Misty Frost Chief Transformation Officer

DATAMARK C CARRUS PENN FOSTER

2023







Michael Lysaght Chief Technology Officer





2023



Rachel Orston Chief Customer Officer



2024



Matt Pittinsky, Ph.D. CEO, Parchment

Blackboard parchment

2024

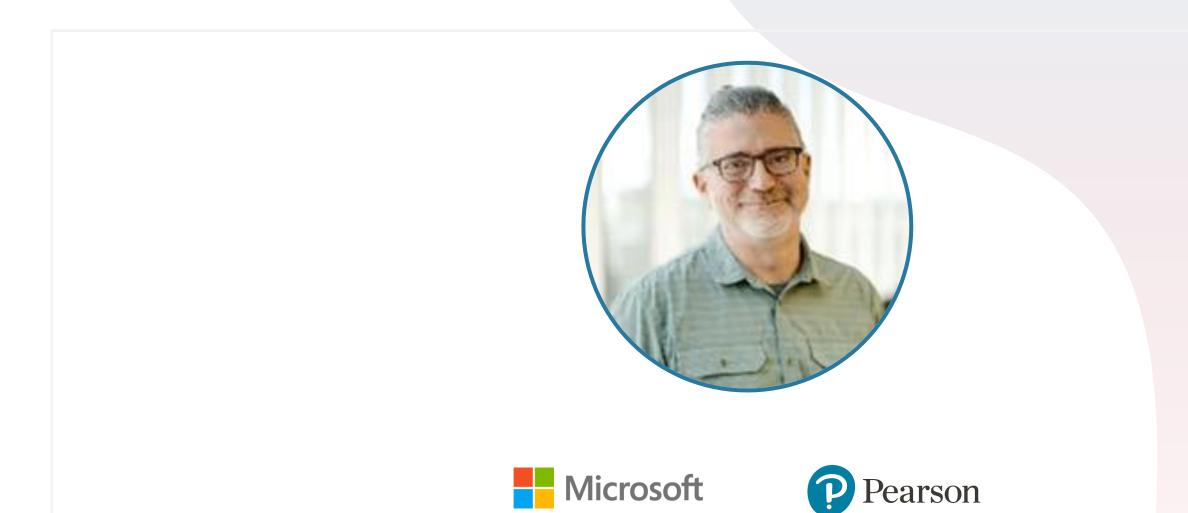
Note: Year represents year joined Instructure







Mitch Benson: Chief Strategy Officer

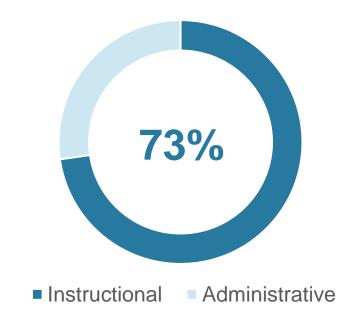




The \$7T education sector is early in the process of digitization

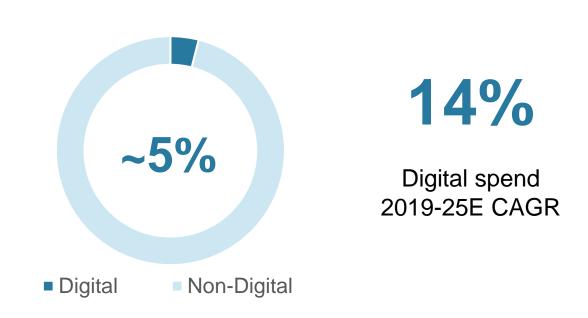
Instructional software commands more spending¹

2025E Education software spend



Education is in early innings of digitization²

2025E Global digital spend penetration



¹ Represents traditional LMS/VLE platforms, education management tools and admissions platforms estimated by HolonIQ; ² Includes K-12, Higher Education; NORAM Spending is based off % of GDP for Public Spending and Private Spending, K12 spending derived from expenditure per pupil and enrollment numbers, Higher Education spending derived by subtracting K12 spending from total spending estimated by NCES



Technology adoption is being driven by key sector challenges



Learning is atomizing

- Increased enrollment in online and shorter form courses
- More adults returning to school; changing demographic
- Demand for flexibility:
 omni-channel
 expectations



Focus on readiness, skills & jobs

- More emphasis on skills and outcomes
- Learning evidence across a lifetime, ROI of degrees under assault
- Increased focus on career readiness; employment outcomes



Scaling quality instruction

- Teacher workload increasing; staffing problematic
- Digitization still nascent;
 benefits unrealized
- Increased focus on teacher preparation, retention and ongoing development



EdTech sprawl

- Explosion of devices and connectivity at school and at home
- Unmanaged proliferation of apps, services and software; privacy and security paramount
- Growing demand;consolidation likely



Al / Personalized learning

- Pronounced expectations around privacy, security,
 ethical use
- Significant potential for personalization, adaptivity and insights
- Efficiency and productivity impacts are real; cost concerns



Instructure is uniquely well-positioned to be education's trusted partner

- 1 Instructure is #1 in teaching, learning, and credentialing technology worldwide
- 2 We benefit from a large, global customer base of promoters in a reference-driven sector
- 3 Our Canvas brand is iconic, recognized by a generation of "Canvas natives"
- We have the largest content, strategic and technology partner ecosystem
- We are stewards of differentiated data sources to responsibly power next-generation AI value
- 6 Parchment reinforces and expands our global institutional network



Instructure is #1 in teaching, learning, and credentialing technology worldwide

2B+

Assessments created¹

1K+

Average LTI tools installed per customer²

~2.5B

Enrollments¹

10+

Average activity hours per enrollment³

100M+

Courses created¹

18B+

Partner launches⁴

Microsoft

zoom

Google

aws



25M+

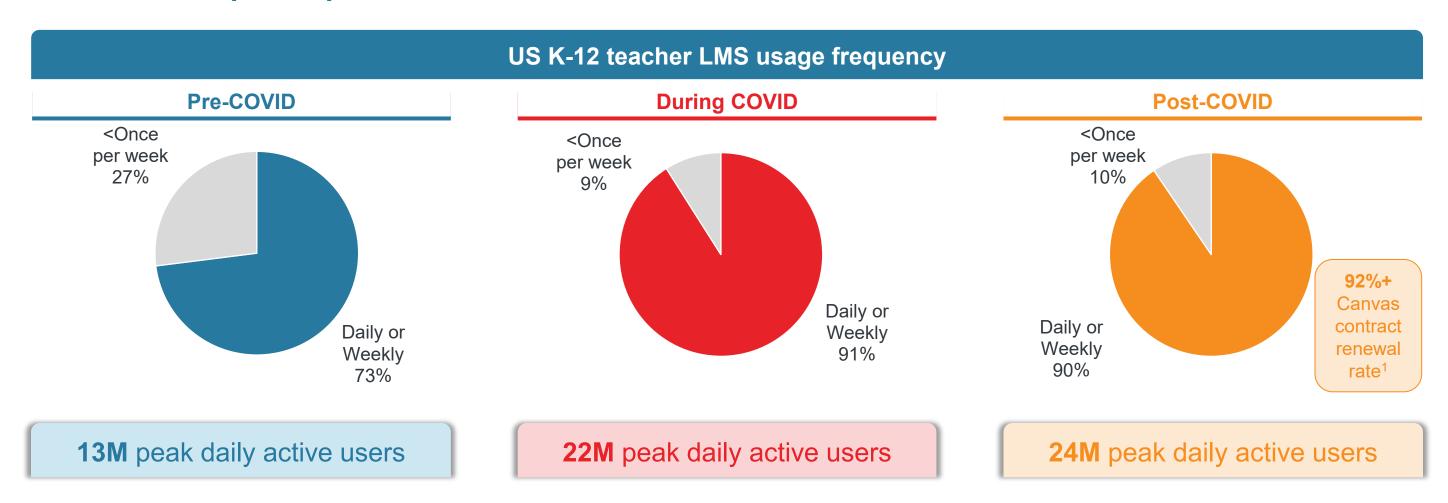
Parchment annual credential issuing volume⁵

15K+

Active Parchment network issuers across K-12 & Higher Education⁵

¹ All-time statistic; ² For the year ended December 31, 2023; ³ Weighted average across student and teacher for K-12 and Higher Education for the year ended December 31, 2023; ⁴ From September 2019 – December 2023; ⁵ As of March 2024

1 Instructure is #1 in teaching, learning, and credentialing technology worldwide (cont.)



"LMS is here to stay permanently. The digital aspects of classes will stay around post-COVID, and LMS will be at the center of that."
- Secondary Teacher, Large Public School District (FL)

Sources: Based on an Instructure survey and internal data

¹ For the year ended December 31, 2023



We benefit from a large, global customer base of promoters in a reference-driven sector



- √ 51% of top 250 US K-12 districts use Canvas
- ✓ 11 State-wide deployments during COVID⁴
- ✓ 1,200+ Schools in Queensland, Australia
- Many of the largest K-12 Systems in the US



- √ 83% of US research universities
- ✓ All Ivy League Universities
- √ 116 California Community Colleges
- ✓ Higher Education systems for Sweden & Norway



- ✓ 400+ Higher Education institutions cross-sold with Non-traditional solutions
- ✓ 1,270+ Professional learning customers
- ✓ ~4M Non-traditional contracted users

Note: Customer count as of December 31, 2023; non-traditional represents customers across corporate education, further education, government, training, and other categories

3 Our Canvas brand is iconic, recognized by a generation of "Canvas natives"

Learners have used Canvas, globally

Social engagements

Top US website traffic ranking¹

Canvas natives advocate for our platform

"We recognize that many of our institutions of higher learning use Canvas LMS, as well. So, it's helpful for us to help our students be fluent in Canvas so that skill translates as they move on."



Ryan Hansen Director of Learning

Davis Schools

"Colleges - if they weren't already on Canvas LMS - move that way. Students recognize ... that Canvas LMS is what's being used. That real-world application is the connection. We also have students who return to work for us who already have exposure to Canvas and are seeing it connect and saying, 'Oh, this is worth my while.""



Matthew Colohan

Instructional Technology Coordinator Virginia Beach Public Schools

¹ Semrush data as of November 2023

4

We have the largest content, strategic & technology partner ecosystem

Why we collaborate with 900+ EdTech Integration, Services & Channel partners

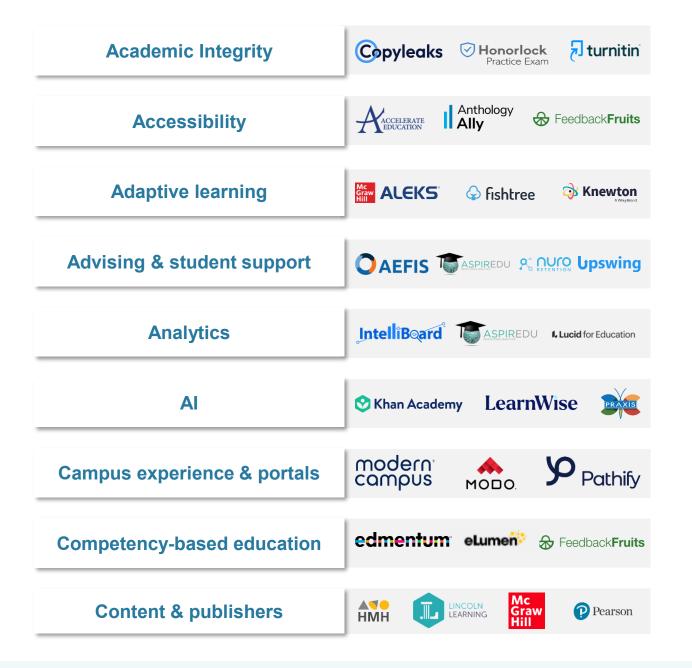
- Drives ecosystem development and innovation
- Makes our solutions stronger than just products
- Customer choice is critical
- Makes teaching and learning more effective
- Broadens our reach within customer organizations

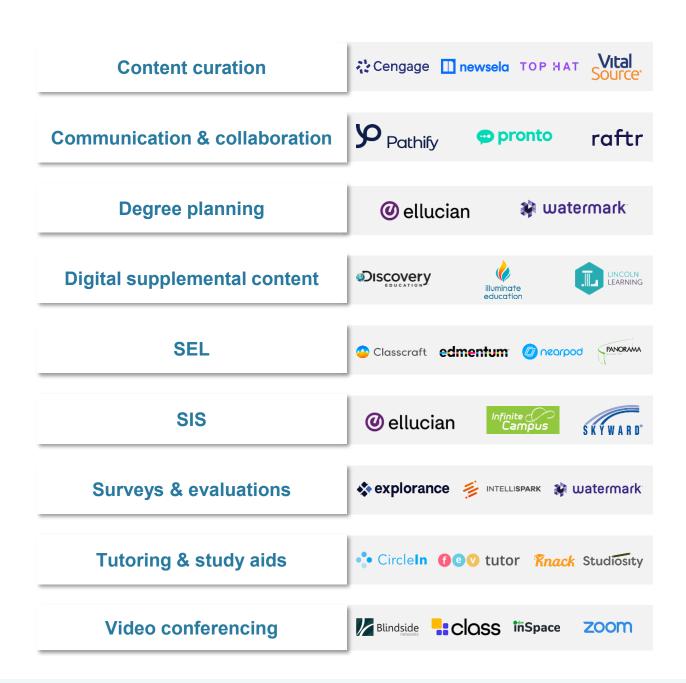
Our global ecosystem of partners spans >30 sub-categories



4

We have the largest content, strategic & technology partner ecosystem (cont.)





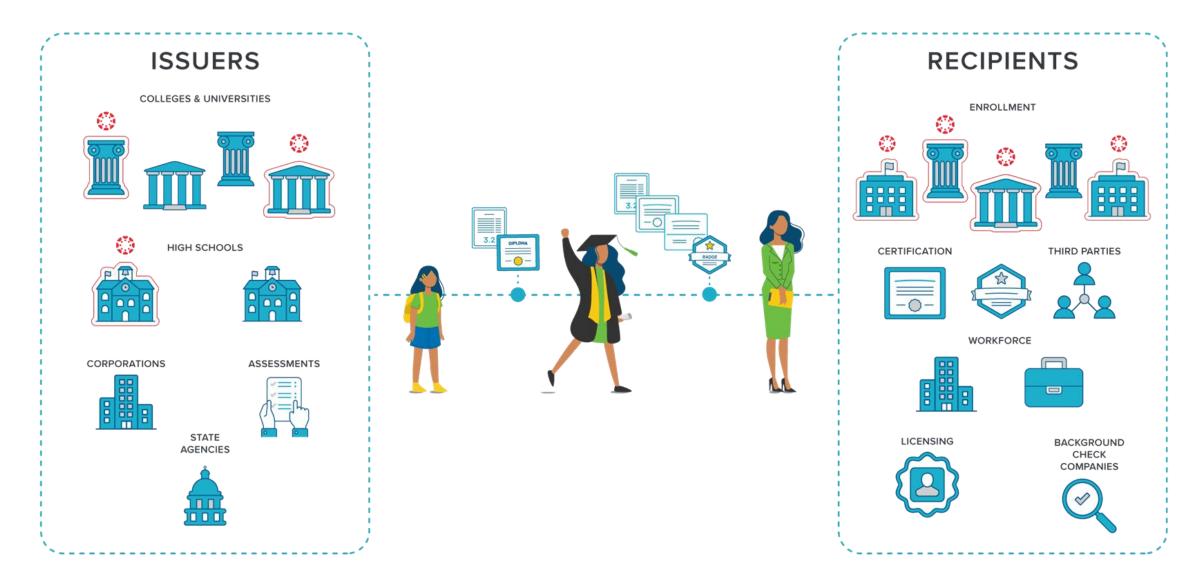
We are stewards of differentiated data sources to responsibly power nextgeneration Al value

Instructure data Al applications 500M+ 10+ **Teacher efficiency Enrollments created in** Average activity hours per 2023 enrollment¹ 2B+ 18K+ **INSTRUCTURE Assessment** Assessments created² Courses created in 2023 15K+ 165M **Personalized learning** Active network issuers³ **Credentials exchanged**



¹ All-time statistic; 2 Weighted average across student and teacher for K-12 and Higher Education for the year ended December 31, 2023; 3 As of March 2024

6 Parchment reinforces and expands our global institutional network



Parchment is the world's only digital, multi-credential and two-sided platform with the network scale and data capabilities to drive differentiated insights for all stakeholders across K-12, Higher Education and beyond

We are executing a clear, focused growth strategy

Scale

Scale Canvas into the most widely adopted LMS in the world

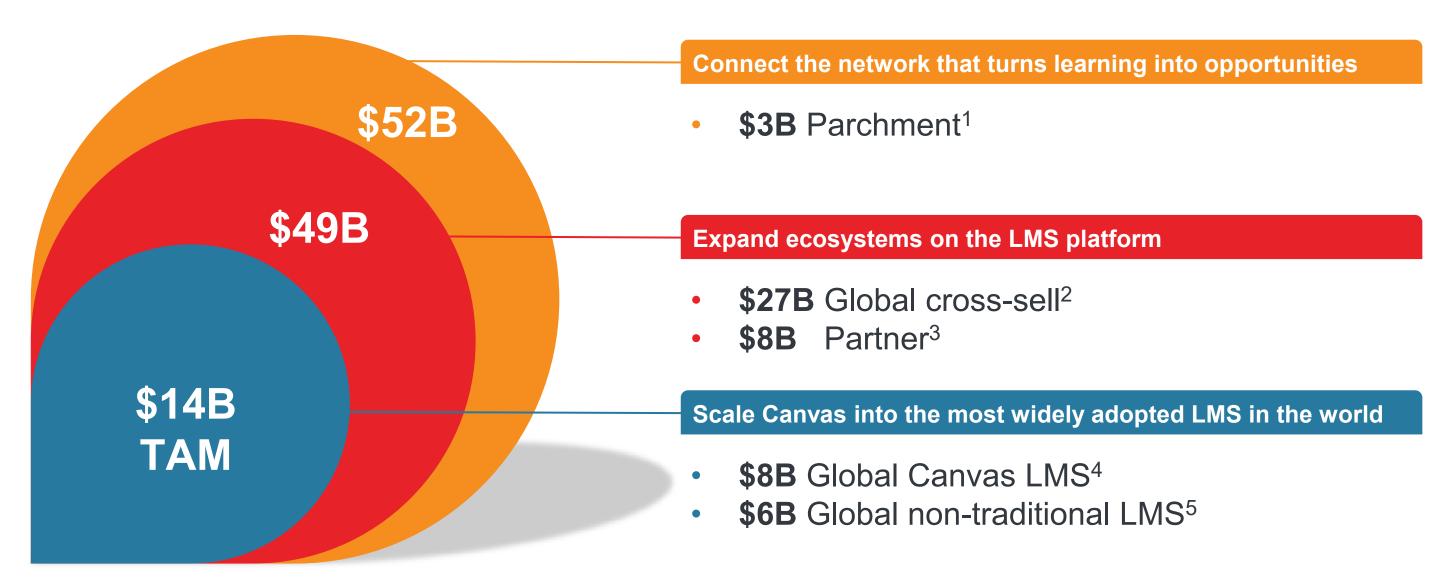
Expand

Expand ecosystems on the LMS platform

Connect

Connect the network that turns learning into opportunities

Our growth strategy unlocks multiple large markets; we believe \$12B immediately addressable

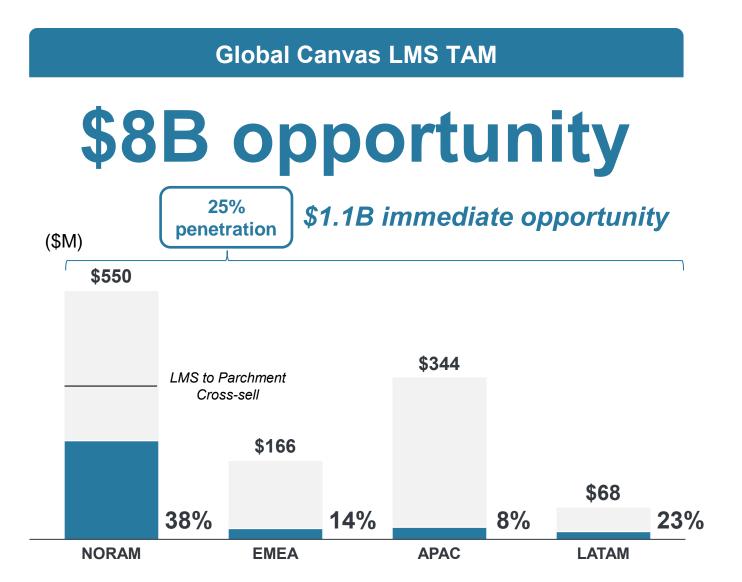


Source: 1 Oliver Wyman (2023), management estimates; 2 UNESCO/World Bank (2020/2023), management estimates; 3 HolonIQ (2023), management estimates; 4 UNESCO/World Bank (2020/2023), management estimates; 5 UNESCO/World Bank (2020/2023), management estimates; 6 UNESCO/World Bank (2020/2023), management estimates; 7 UNESCO/World Bank (2020/2023), management estimates; 8 UNESCO/World Bank (2020/2023), management estimates; 9 UNESCO/World Bank (2020/20





1 We are growing Canvas market share across segments and geographies



Opportunity set: North America

- Greenfield wins in K-12 expanding market share
- Replace legacy systems in Higher Education
- Surround freemium solutions in K-12 with enterprise capabilities as district's use and demands mature
- Continue to build share of down-market accounts

Opportunity set: International

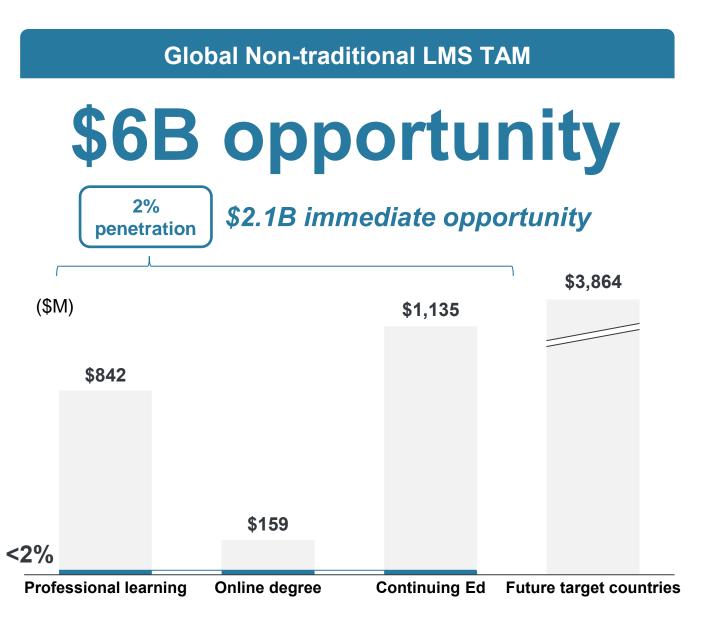
- Run a known, successful playbook to displace legacy systems and freemium solutions
- Leverage GTM channel partners to access and gain share in emerging markets

Note: 2023 ARR penetration of TAM in target countries only less portion of total market without internet access Source: UNESCO/World Bank (2020/2023), NCES (2022), management estimates





1 We are early in Canvas adoption in non-traditional segments



Opportunity set

Target customers

- Higher education
- Professional Learning Organizations (including TVET / RTO)
- Government

Types of learning – hybrid or fully online

- Degrees
- Continuing Education
- Certifications
- Skill development

What we Sell – individually or as a bundle

- Canvas LMS, Catalog, Credentials, Studio
- Impact

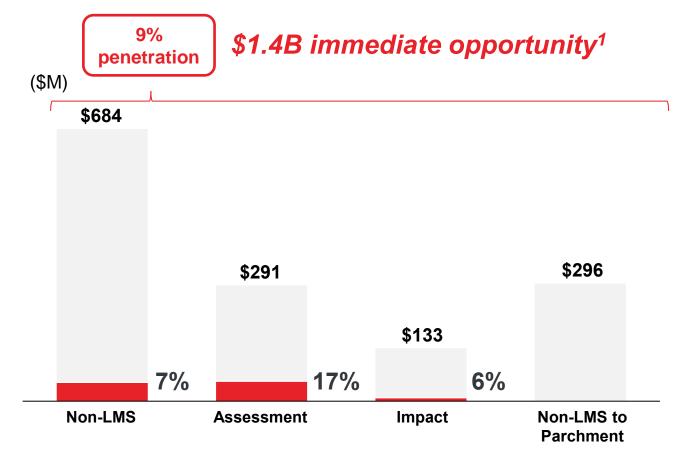
Note: Target countries only; LMS priced at \$8; 13% CAGR in online degree from HolonIQ Source: UNESCO/World Bank (2020/2023), IBIS World (2023), Inside Higher Ed (2019), Gallup (2022), management estimates



We are leveraging bundles to accelerate cross-sell

Cross-sell opportunity

\$27B global opportunity



Opportunity set

- 9% overall penetration provides immediately accessible opportunity
- True platform level integration creates demand
- Bundling by solution area drives multi-product expansion
- GTM evolution drives increased opportunity identification and capture
- Comprehensive product portfolio covers the entire learning lifecycle
- Opportunity to engage in year-round selling

¹ Excludes Data Sync, LearnPlatform (included in Partner); represents cross-sell across installed base as of January 31, 2024 Source: UNESCO/World Bank (2020/2023), management estimates



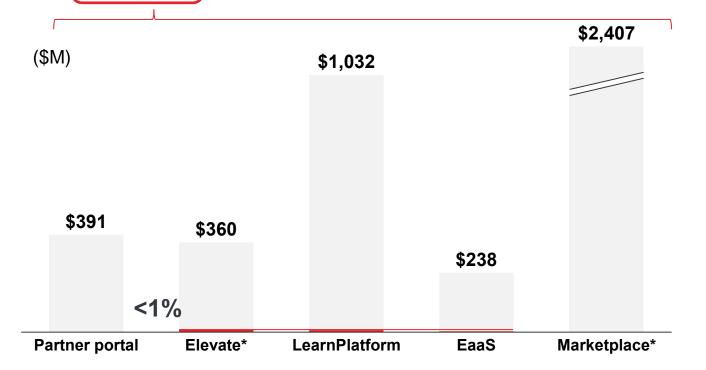


We are expanding the value we offer and generate through partners

Unlock opportunities for our EdTech partners

\$8B opportunity

<1% penetration \$4.4B immediate opportunity



Note: Partner Portal and EaaS based on HolonIQ global provider number; *Elevate, Equip, Marketplace based on target countries only Source: HolonIQ (2023), management estimates

Opportunity set

Sell SaaS capabilities to accelerate Partner R&D

- Canvas: Sandbox, Credentials
- Elevate: Data Sync, Analytics, Standards
- Impact
- LearnPlatform: Evidence as a Service (EaaS)

Sell SaaS capabilities to manage ecosystem

LearnPlatform for institutions and partners

Share Revenue

- Connecting buyers and sellers through trusted network and marketplace
- Resell, Co-sell, Referral





3 With Parchment, we are expanding our white space and buyer segments

Global Parchment TAM \$3B opportunity \$3B immediate opportunity penetration (\$M) \$1,429 \$1,200 INST to Parchment \$740 \$740 \$500 Parchment to INST \$300 \$518 Parchment to Parchment <10% **US K-12** Global award **US HiEd** International **Bidirectional**

pathways

pathways

cross-sell

Opportunity set

Accelerate Parchment's network reach

- ~4K additional Canvas customers can be introduced to Parchment services
- Instructure's global direct and channel country reach is 4x that of Parchment

Execute Parchment's cross-sell strategy

- ~\$500M opportunity within Parchment installed base
- Higher Education members with 2+ products grew from 22% in 2019 to 43% in 2023; ~6% use 5+ solutions

Combining Canvas LMS & Parchment unlocks:

- Large system & state-wide contracts
- System of record across learner's lifetime
- Expanded value of credentials for employers, licensing boards & admissions offices globally

Source: Oliver Wyman (2023), management estimates

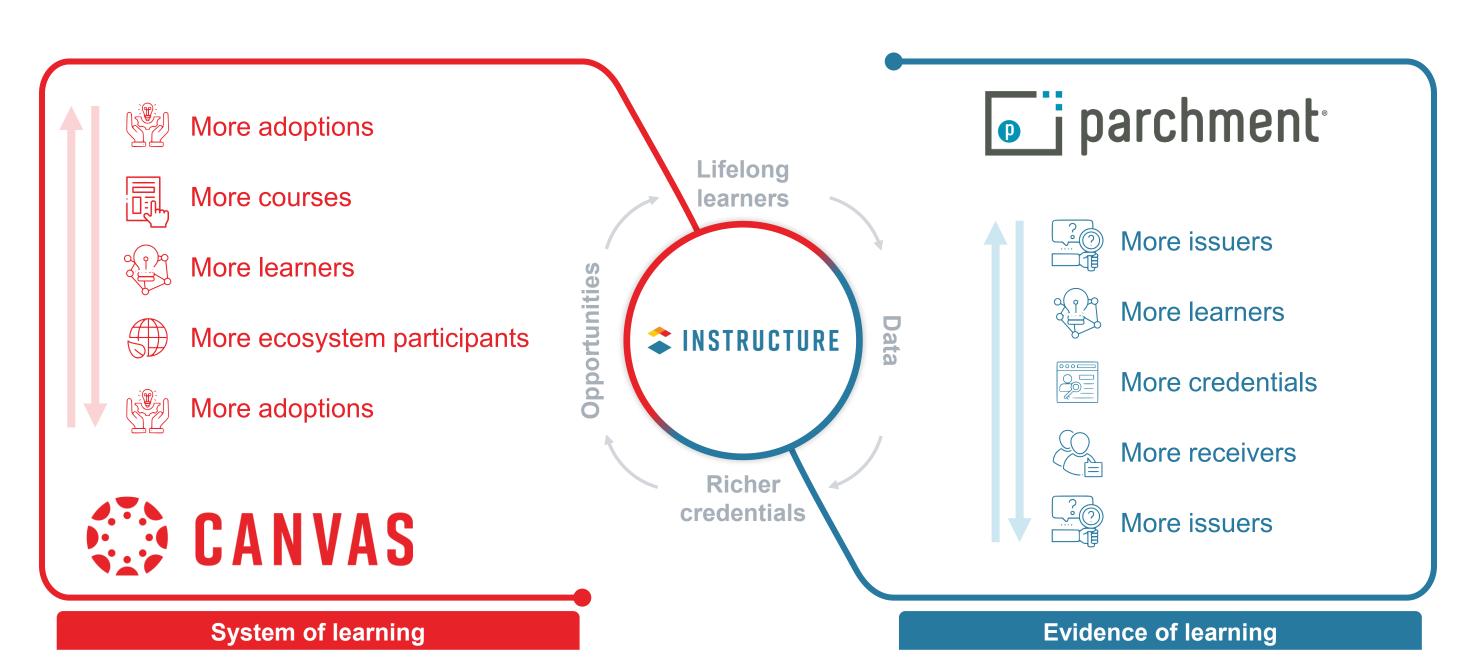
pathways



services



3 Connecting the Instructure and Parchment networks creates flywheel effect



We intend to amplify all strategic elements through disciplined M&A

Core teaching & learning

Tuck-in targets that enhance our current profile and offerings

- ✓ Accelerates product roadmap
- ✓ Provides more solutions to our existing customers' problems; more cross-sell

Step-function growth

Strategically aligned targets in high-growth adjacencies with step-function upside

- ✓ May shift platform profile via new products, verticals, size, or scale
- May open new addressable markets and runway for growth

Platform & network

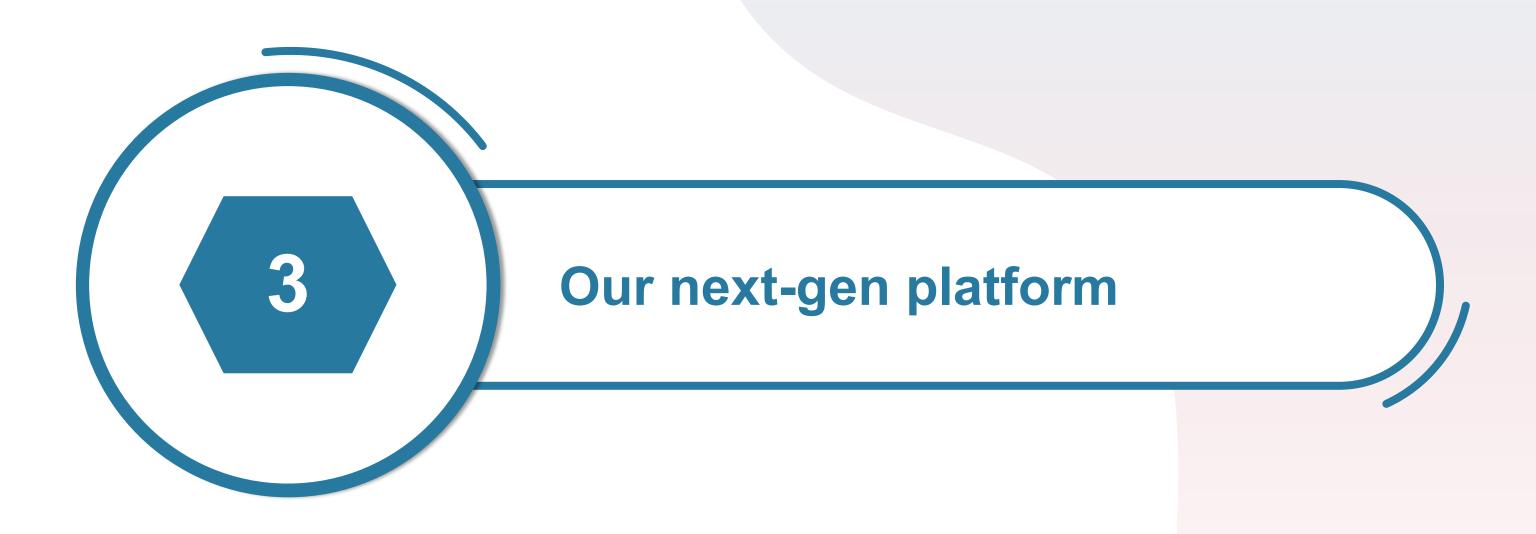
Targets that accelerate our platform strategy and network reach

- May catalyze future revenue from non-traditional channels
- May expand partner ecosystem

Disciplined approach prioritizes accretive opportunities with strategic fit, drawing out our differentiated ecosystem insights

Our position and growth strategy unlock powerful network effects

Instructure is #1 in teaching, Parchment reinforces and learning, and credentialing expands our global technology worldwide institutional network We benefit from a large, We are stewards of global customer base of **INSTRUCTURE** differentiated data sources promoters in a referenceto responsibly power **next**driven sector generation Al value Our Canvas brand is iconic, We have the largest content, strategic recognized by a generation of and technology partner ecosystem "Canvas natives"





Shiren Vijiasingam: Chief Product Officer

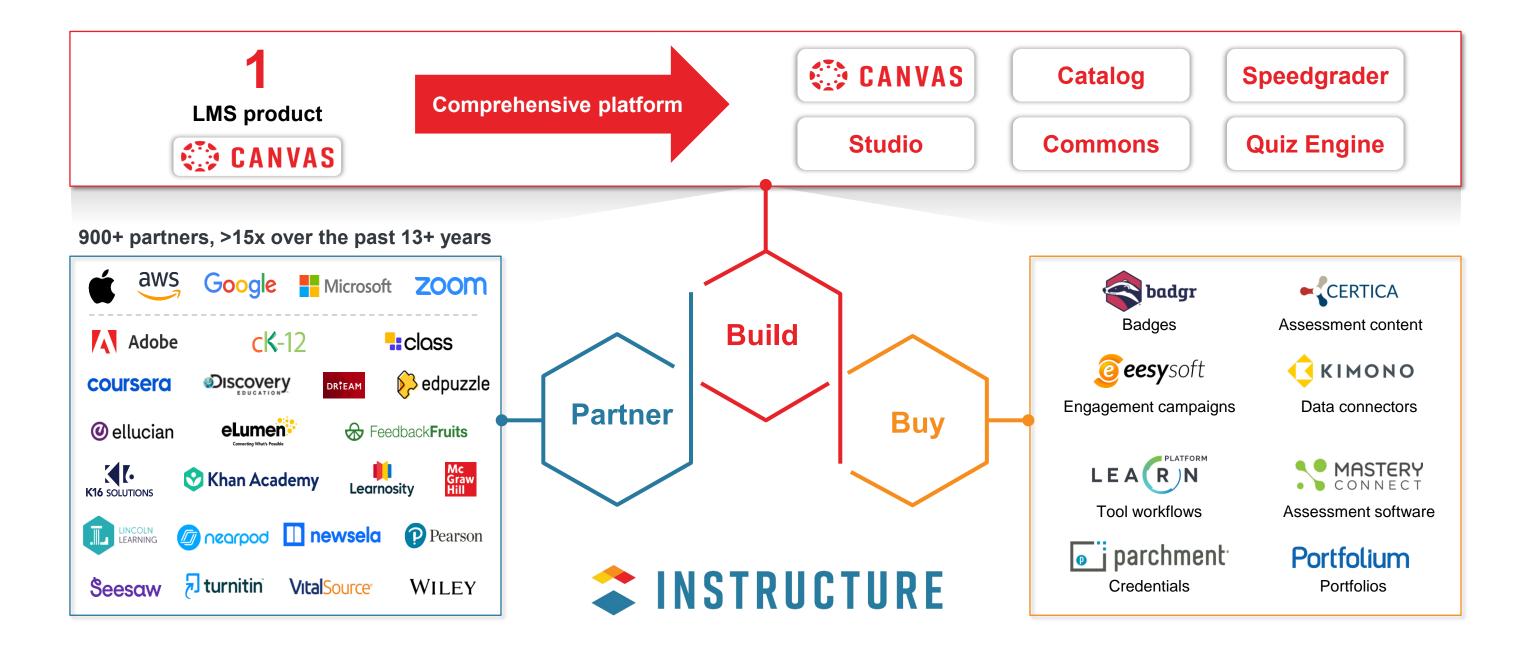








Our products: From Canvas to today's platform of solutions



Customer needs to make learning more efficient and effective



80%

of students prefer a unified LMS¹



58%

of Higher Education leaders say data and analytics functions do not meet their needs²



13%

decline in 2-year and 4-year enrollment since 2012, increasing demand for non-traditional pathways³



2,591

distinct EdTech tools used per year4



61%

of students and faculty believe focus on skill competency will increase⁵



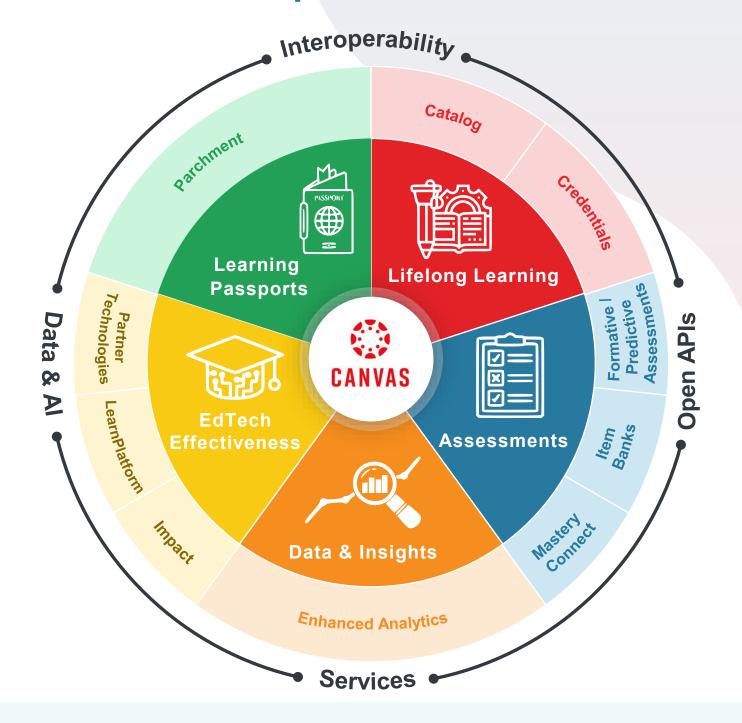
76%

of employers are more likely to hire candidates with professional certificates⁶

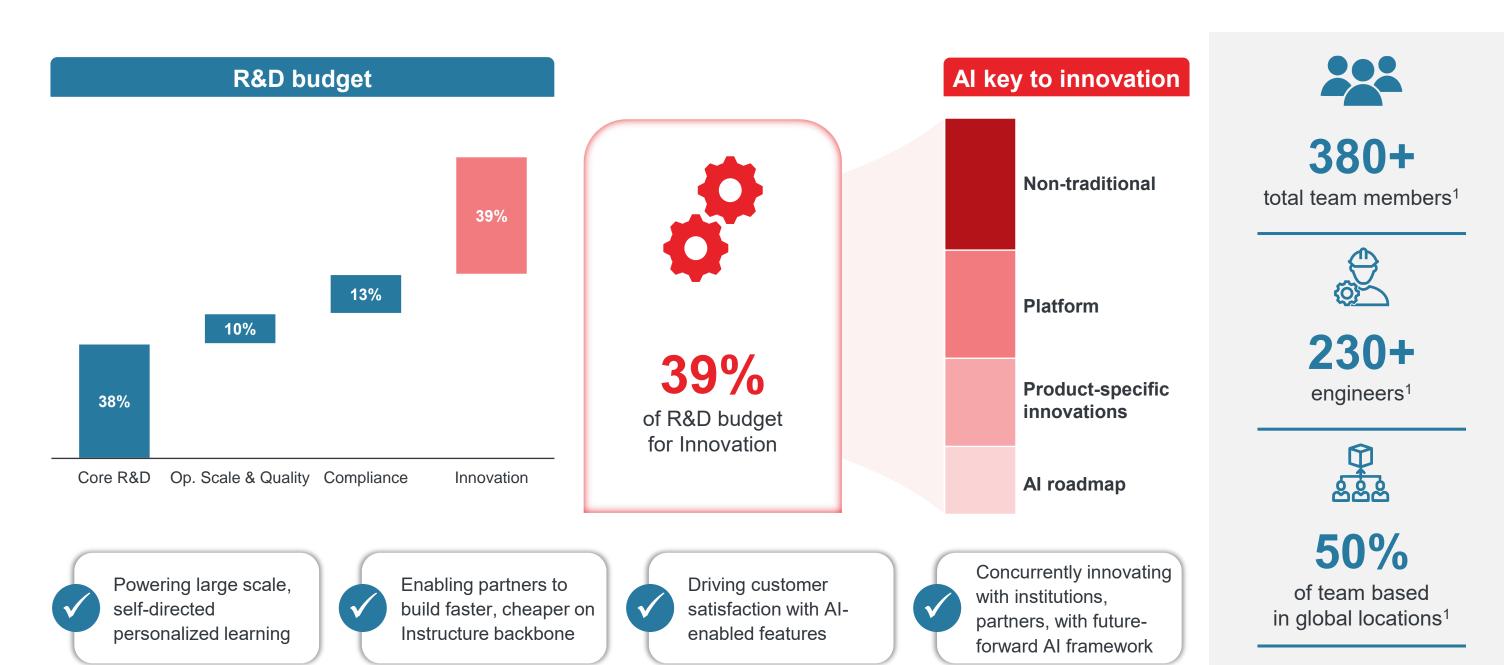


¹ Justkul; ² Educause poll; ³ Demographics and the Demand for Higher Education (Johns Hopkins, McKinsey); ⁴ Instructure EdTech Top 40; ⁵ 2023 State of HE (Instructure); ⁶ University Business

Platform designed to meet the comprehensive needs of our customers



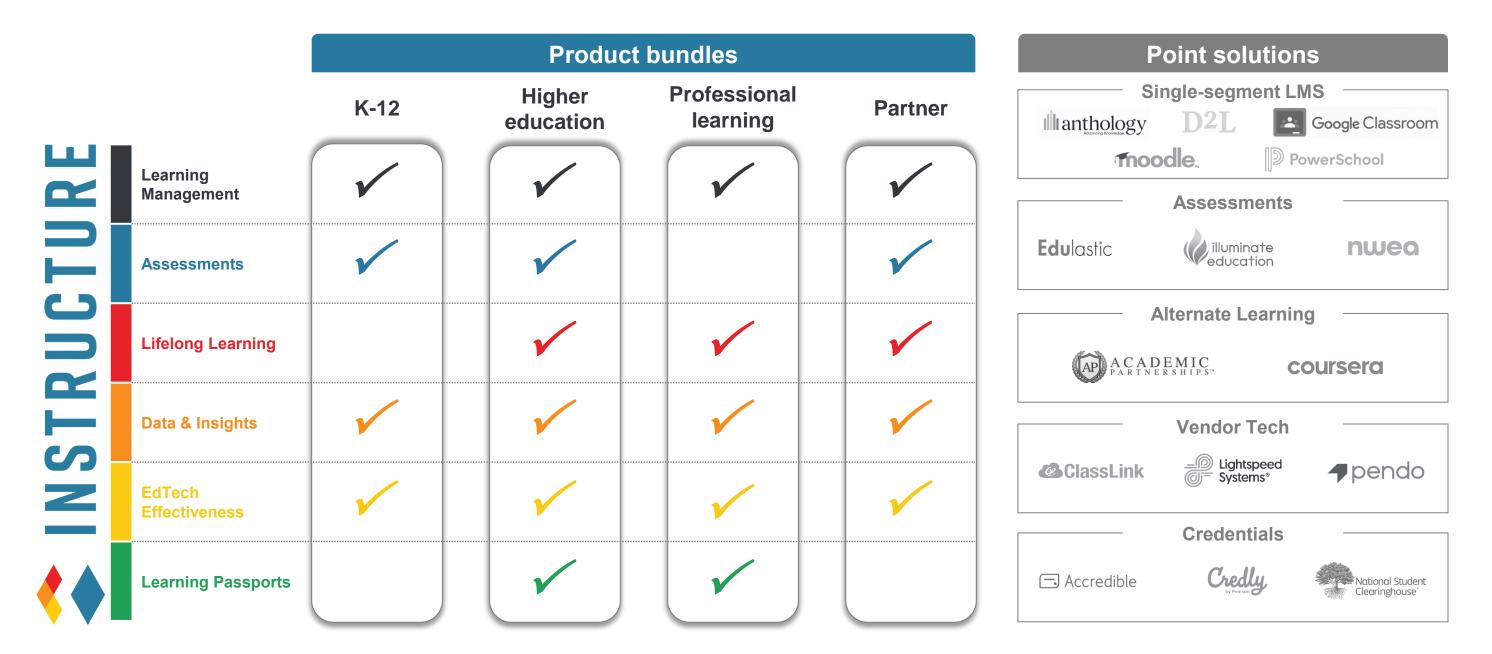
Unifying on a single software solution to deliver innovation more efficiently



Note: Represents proportion of R&D spend for the year ended December 31, 2023 and H1 2024 planned product roadmap; 1 As of January 1, 2024



Product bundles designed to serve more comprehensive customer needs





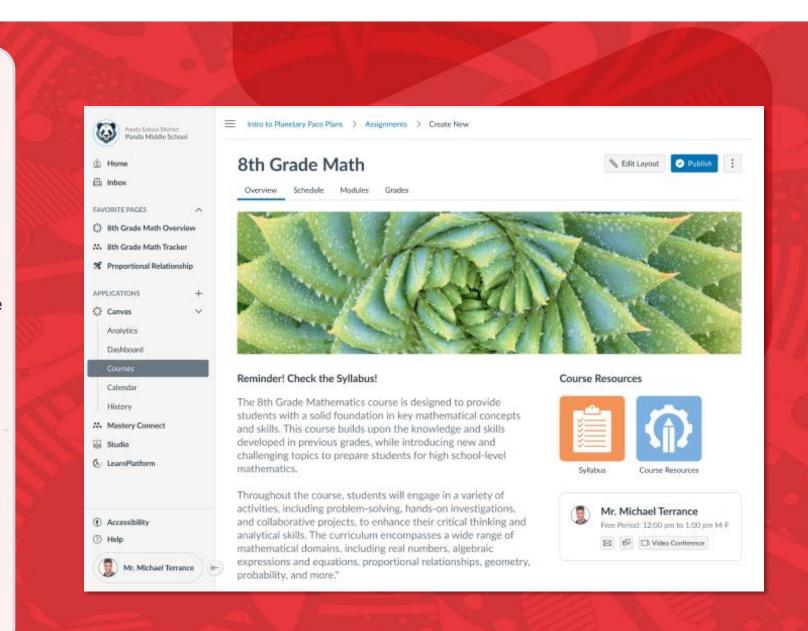
Canvas LMS: Delivering learning at scale



- Modern, consistent and centralized learning experience
- Engage students where they learn in the classroom, online, or on the job
- Save time with an intuitive interface and workflow
- Connect learners with embedded tools to collaborate from anywhere



- Unified and consistent student experience, service, support and overall relationship
- Cloud-native, beautifully-designed
- 99.9% uptime
- Comprehensive across K-12, Higher Education, Non-traditional





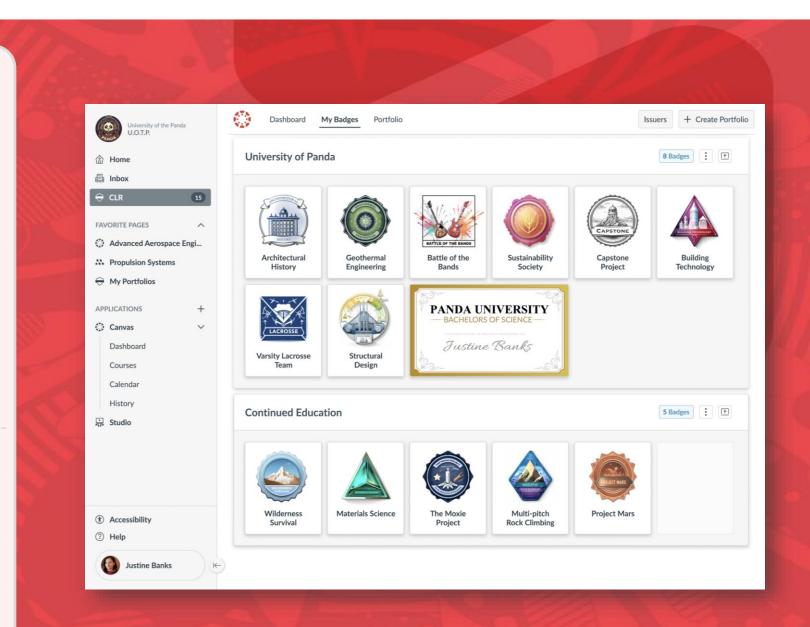
Canvas Catalog & Credentials: Demonstrating skills & experience



- Showcase skills and experience with portable and verifiable credentials
- Centralize continuing education programs in an attractive online marketplace
- Display portfolios of work that demonstrate capabilities
- Show clear career connections inside and outside of traditional academic settings



- Seamless integration with Canvas
- Simple admin integrations, such as course copy / blueprint, that save time
- Create learning content once it can be monetized multiple times





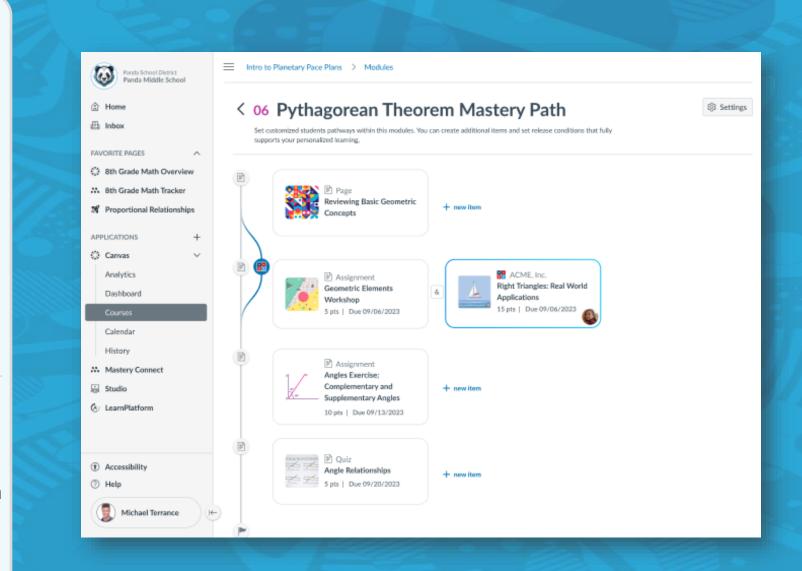
Assessments: Identify progress towards learning outcomes



- Identify learning needs earlier and more often based on competency
- Give educators insights into their own instructional efficacy
- Drive institutional results with an aggregated view of learner performance at scale
- Assess on the right skills and concepts with trusted prebuilt or partner content



- Robust Mastery gradebook and standards-level feedback integrated with Canvas
- State-standard aligned ready-to-use high quality item bank and ready-to-deliver assessments
- Customized to meet scope and sequence





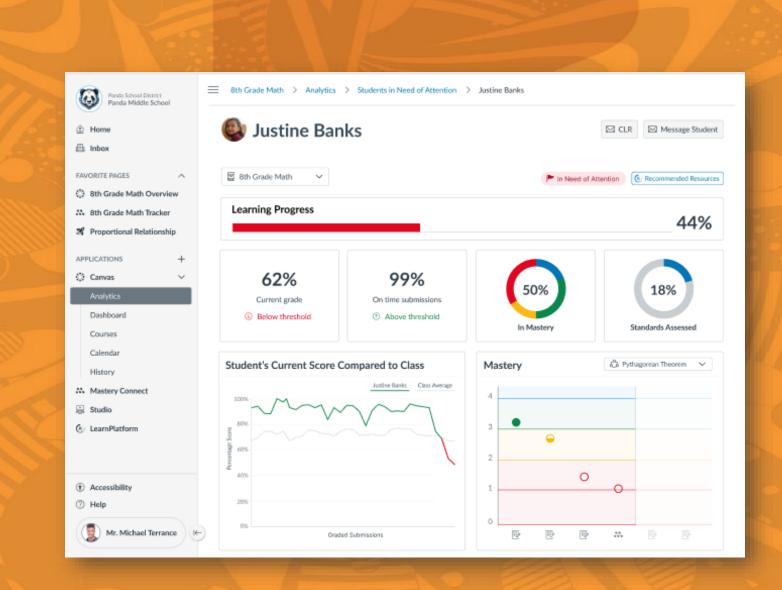
Data & Insights: Utilize actionable intelligence to guide the learning journey



- Uncover trends, address student needs and identify risks with role-based analytics
- Explore data with simple tools for users at all levels of data literacy
- Ensure EdTech equity, efficacy, and efficiency with contextual data
- Access embedded analytic tools when and where data is most relevant and actionable



- Keep students engaged and learning with just-intime insights
- Get insights to meet individual learner needs
- Save time with simplified everyday tasks for all levels of data maturity



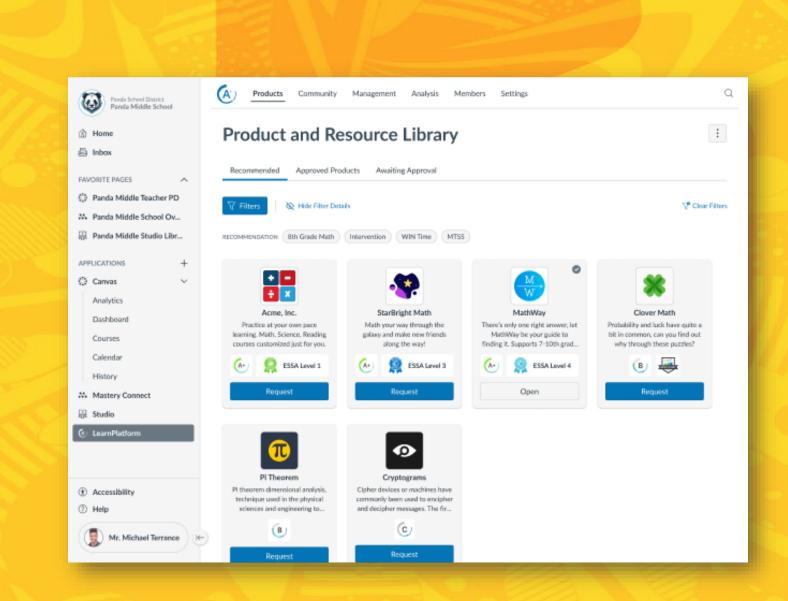
EdTech Effectiveness: Ensuring educational efficacy



- Ensure successful EdTech rollout with tools to encourage adoption and provide support
- Make informed instructional, operational and budgetary decisions
- Clearly communicate what EdTech is safe and approved
- Streamline and centralize EdTech request, vetting, and approval processes to save educators time



- Coverage of partner tools across the ecosystem
- Depth of data ensures privacy, safety, accessibility
- Ease of procurement workflows, saving admin time
- Integration with Canvas LTI tools and data on usage





1 Product roadmap to drive growth playbook: Land with Canvas & Parchment

Now Next

- Privacy and region-specific data management solutions
- Simplify tasks with Al-powered enhancements to the core LMS
- Al-enabled language scale-up to support more languages

- Offline, mobile, lightweight LMS **support** for alternative use cases
- Enhance outcomes with mixed reality learning
- Create competency-based pathways with cross-platform mapping
- Power massive-scale courses for 1.000+ students

Later



- Connect traditional and nontraditional learning with unified pathways, work showcases, and verifiable credentials
- Enable seamless learner movement between multiple institutions

- Learner record compiles experience into a job-ready profile with Al
- Drive future learning with life-long learner accounts
- Seamlessly create course content for credit/non-credit usage
- **Enhance guidance and recruiting** with data transfers and career pathways
- Increase learning ROI by connecting verifiable credentials and learner records into employer applicant tracking systems



2 Product roadmap to drive growth playbook: Expand platform reach

Now Next Later

- More intuitive experience with integrated products
- Identify insights across multiple products
- One identity for learners across their entire lifelong learning journey
- Cross-pollination and contextual discovery of additional products driving product-led growth
- Scaling products across buying segments
- Predictive Al-enhanced insights engine triggers based on crossproduct usage
- All products regionalized and globalized into all markets



- Searchable Al-augmented EdTech tool inventory
- Partner relationships simplify installation and support third party tools
- Drive adoption with in-context tooltips and guides

- Simplify managing EdTech tool workflows and permissions
- Serve tool data to understand usage and drive partner adoption
- **Deeper integrations** improve the learner experience
- Reduce total cost of ownership by eliminating tool duplication and gaining economies of scale
- High-confidence for transacting tools and content
- Recommendation engine for finding ideal tools



We listened to educators' voices to govern our Al principles



Fear and uncertainty – Worry about the "humanity" in learning

- Cheating
- Existing tools satisfactory
- ★ Job displacement for educators
- Data security and privacy black-box

Optimism – This is a force multiplier

- ✓ Save time on repetitive tasks
- ✓ Provide personalized learning solutions
- Create high quality content and assessments
- ✓ Understand needs of learners better

First to launch framework – June 2023



- Educator efficiency accomplish timeconsuming tasks more quickly
- Educator efficacy teach more effectively
- Student success personalized learning



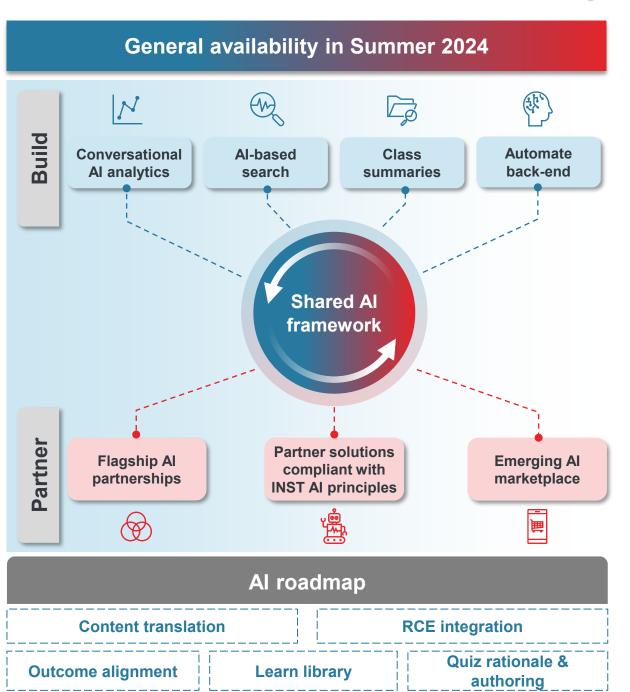
- Safe
- Positive intent, clear privacy, and security boundaries - foundation of AI tool design, development, and deployment
- Building trust enable admins, educators and students to use AI with confidence



- Equitable and inclusive digital ecosystem
 - establish policies and practices
- Responsible and transparent deployment
 - Education for All



Al platform shift positions us to grow market share & expand ACV



Al monetization aligned with playbook

Land

Enhance core platform for deeper adoption and increased competitive wins

Expand

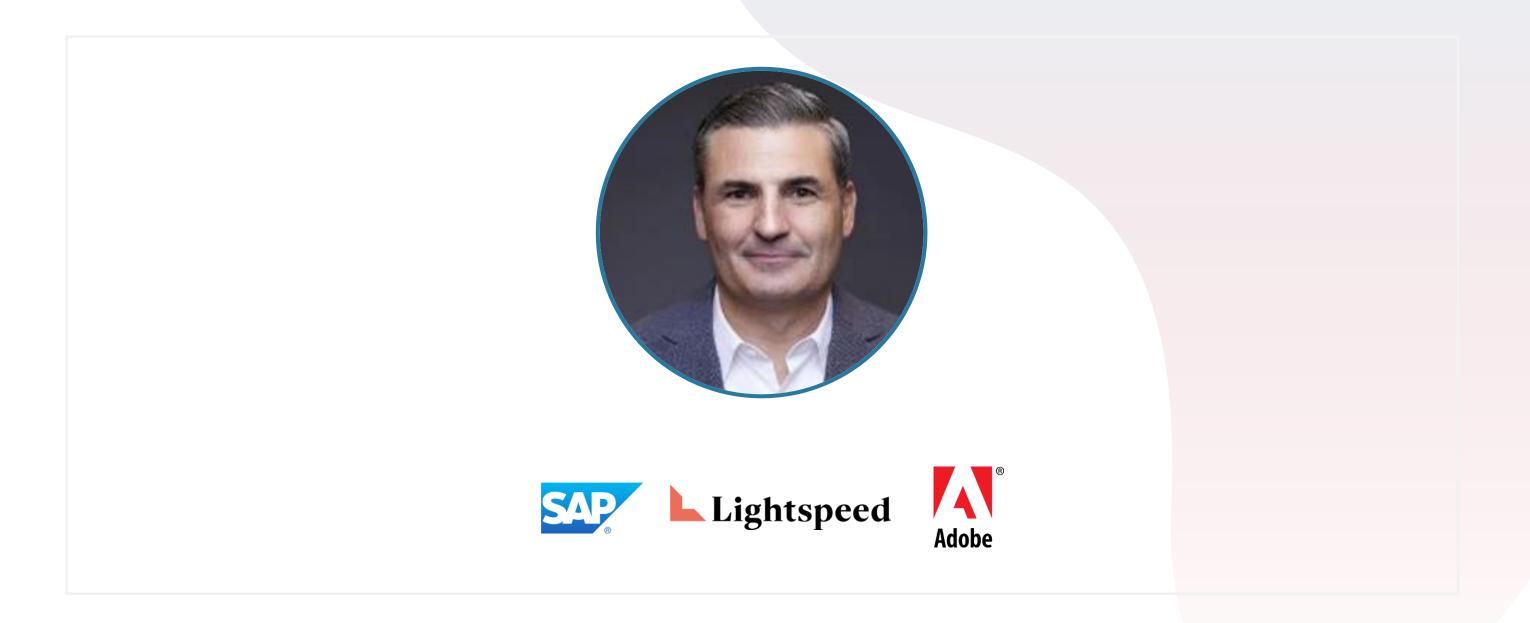
Introduce new applications and bundles – new paid SKUs

Deliver trusted AI frameworks to partners and resell partner products





Chris Ball: President & Chief Operating Officer





Instructure is the education vertical SaaS leader

\$52BTAM¹

15K+

Total customers²

8K+

Instructure customers³

~97%

Best-in-class Canvas customer satisfaction score⁴

11 Products ~80%

of customers using <2 products⁵

93%

2023 gross revenue retention rate

103%

2023 net revenue retention rate

Note: We calculate gross revenue retention rate by subtracting downgrades and cancellations over a 12-month period from ARR at the beginning of the corresponding 12-month period for a particular customer cohort and dividing the result by the ARR from the beginning of the same 12-month period; we calculate our net revenue retention rate by dividing the ARR obtained from a particular customer cohort in a given month by the ARR from that same customer cohort from the same month in the immediately preceding year

¹ Source: Oliver Wyman (2023), UNESCO/World Bank (2020/2023), HolonIQ (2023), NCES (2022), IBIS World (2023), Inside Higher Ed (2019), Gallup (2022), management estimates; ² Represents customer count for the Instructure and Parchment installed base as of the closing of the Parchment transaction; ³ Represents Instructure only customers as of December 31, 2023; ⁴ Represents the average of Canvas K-12 and Canvas Higher Education for the year ended December 31, 2023; ⁵ As of December 31, 2023; ⁶ Represents Instructure only customers as of December 31, 2023; ⁸ Represents Instructure only customers as of December 31, 2023; ⁸ Represents Instructure only customers as of December 31, 2023; ⁸ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023; ⁹ Represents Instructure only customers as of December 31, 2023;



We have transformed our Global Customer Operations (GCO) to deliver a unified customer lifecycle

Global Customer Operations

Sales

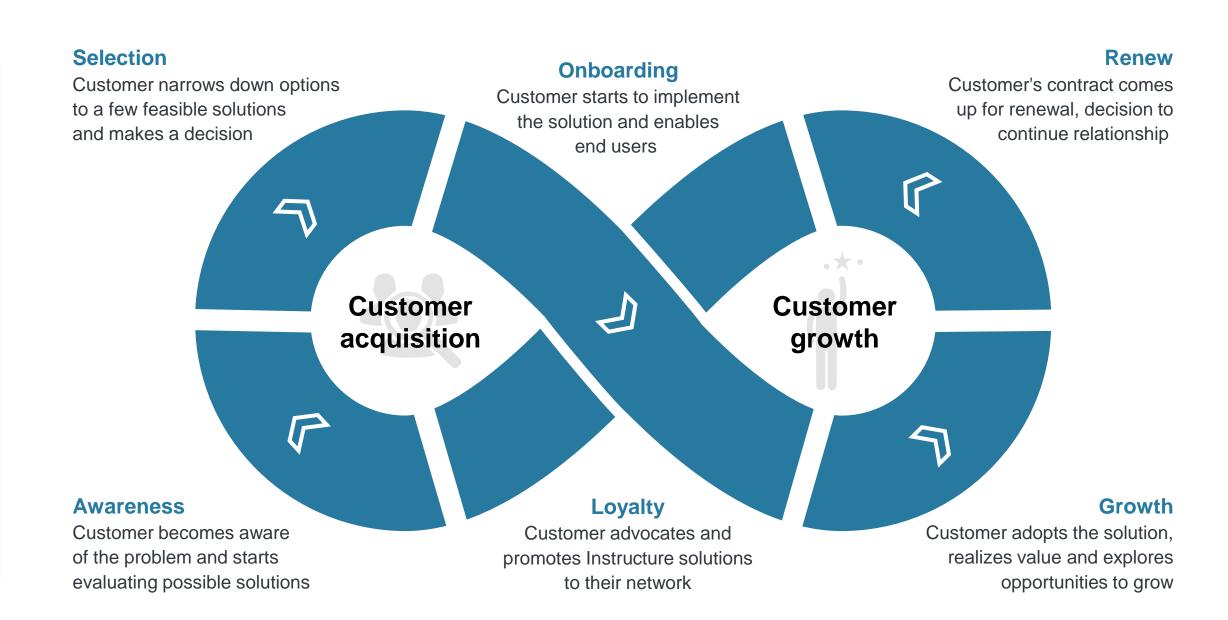
Marketing

Services

Support

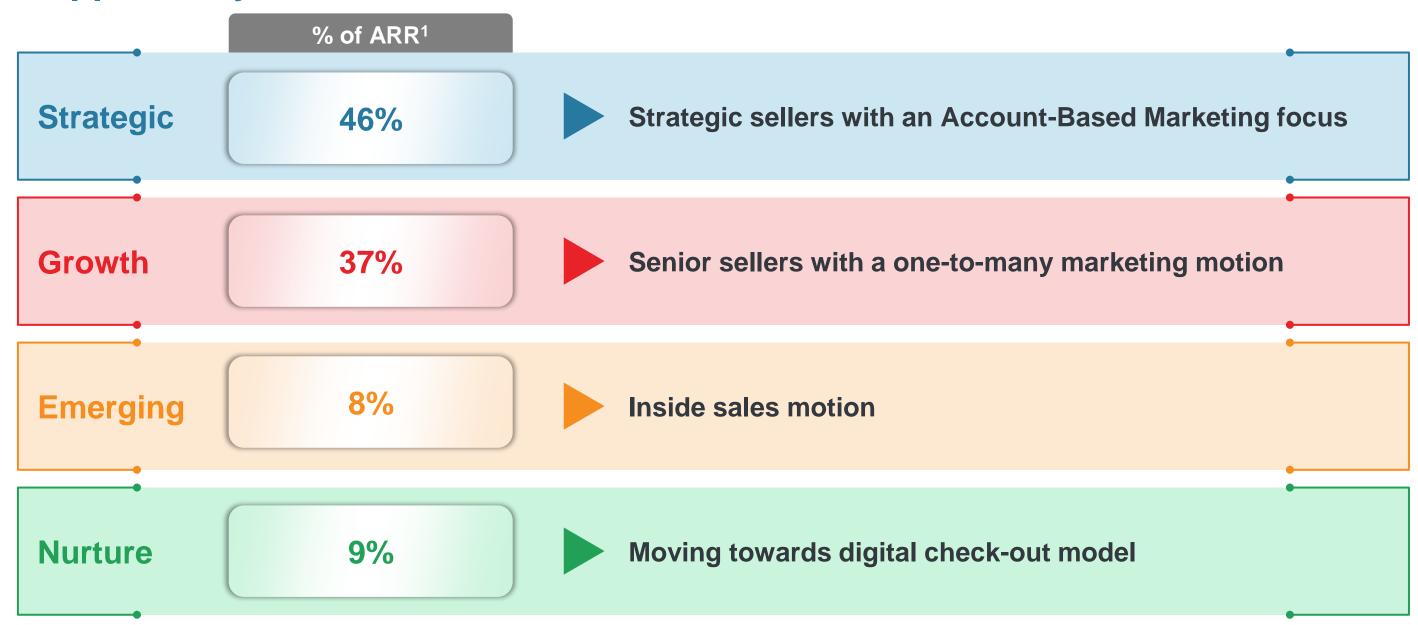
Customer Success

Renewals





We have established customer tiers globally based on spend and growth opportunity



Note: ARR represents annualized recurring revenue from subscription and support under contract at a point in time ¹ As of December 31, 2023



We have focused distinct "drive teams" on Land & Expand

1

Land Team



Account Executive



Sales Development Representative



Solution Engineer



Subject matter experts from CoE

Aligned compensation on new bookings, renewal & pipeline

Coordinated account

handoff to Expand Team once new account is won

Identify & drive adoption from new accounts

2

Expand Team



Account Executive



Sales Development Representative



Solution Engineer



Customer Success Manager



Renewal Specialist



Subject matter experts from CoE

Defend & grow ARR

Note: CoF reflects Center of Excellence



We have resourced high growth potential segments with dedicated teams

Existing GTM teams New GTM teams • parchment North International Lifelong **Credentials** North **Partner America** Learning **America** K-12 Higher **Education**

We have expanded our product bundles to differentiate core LMS wins and expand ACV...

		Product	t bundles	Benefits from bundle strategy	
	K-12	Higher education	Professional learning	Partner	
Learning Management					Higher ASP & amount of multi-product net
Assessments	V	V		/	new deals
Lifelong Learning					
Data & Insights	V				Supports cross-sell strategy
EdTech Effectiveness					
Learning Passports					Deeper entrenchment and adoption across the institution

...and our bundles now position us to engage with multiple buying centers

Traditional buying centers



Head of Procurement



New buying centers unlocked



Registrar



Dean of Admissions



Provost



CIO



President / Chancellor

Benefits

- ✓ Proactive selling motion
- ✓ Solution selling around a set of needs vs. single need
- ✓ Higher potential ASP and deeper entrenchment within the institution
- ✓ Elevated conversations with more sophisticated decision makers and buying centers

Our transformed GTM supports our three-pronged growth playbook



Land with Canvas & Parchment

- ✓ Runway in core and international markets
- ✓ Evolving non-traditional opportunity

2

Expand platform reach

- ✓ Accelerating the cross-sell
- ✓ Unlock opportunities for our EdTech partners

3

Inorganic growth

✓ Right-to-win platform and partner of choice for continued M&A





We are growing market share by landing with Canvas & Parchment

Runway in core and international markets

Key metrics & GTM

- \$8B TAM¹
- ~25% of salesforce deployed for International²
- ~30% of salesforce deployed for Land K-12 / Higher Education²
- Created dedicated Land Teams
- Bundles allow competitive differentiation, higher ASP on land
- Repeatable sales programs aimed at displacing legacy incumbents

Customer win case study



Manchester, UK



40k+ users



Adopted Canvas: 2023



The University of Manchester

- Part of the Russell Group (The Ivy League of the UK) Top 35 University in the world
- Landed in Q3 2023
- Replaced legacy vendor
- Purchased Higher Education Bundle (Canvas, Studio, Impact, Credentials & Catalog)
- Broader platform story was competitive differentiator

"The selection panel unanimously agreed **Canvas** was the best product, considering our requirements."

¹ UNESCO/World Bank (2020/2023), NCES (2022), management estimates; ² As of February 28, 2024

1

We are winning market share globally with an efficient tiered GTM model

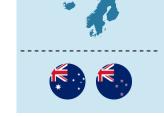
Core

UK & Ireland



Nordics

Australia & New Zealand



- Direct sales
- Bifurcated into land motion and expand motion
- Replicating North America model to displace legacy incumbents (including free solutions)
- Cross-sell opportunity

Growth

Italy



Spain

DACH



- Country managers largely focused on land motion to capture market share
- Replicating North America model to displace legacy incumbents (including free solutions)
- Canvas Professional Learning opportunity

Emerging

LATAM



Middle East

Africa



Focus on VARs as partners

• Fewer, but higher-quality partners

Selling Canvas

Target countries





We are expanding the Canvas opportunity with a focus on non-traditional

Evolving non-traditional opportunity

Key metrics & GTM

- \$6B TAM¹
- Created non-traditional GTM business unit
- 1,200+ professional learning and 430+ non-traditional online higher education customers
- ~10% of salesforce deployed for Professional Learning (North America)²
- Created bundles specifically designed for non-traditional use cases

Customer win case study



Seattle, WA





1M+ users



Adopted Canvas: 2019

- AWS Academy is the largest of all education programs using Canvas to support over 600k users
- Provides higher education institutions with, ready-to-teach cloud computing curriculum that prepares students to pursue industry-recognized certifications and in-demand cloud jobs, all taught in **Canvas**

¹ UNESCO/World Bank (2020/2023), IBIS World (2023), Inside Higher Ed (2019), Gallup (2022), management estimates; ² As of February 28, 2024





We are accelerating cross-sell with dedicated resources and product bundles

Accelerating the cross-sell

Key metrics & GTM

- \$27B TAM¹
- Created dedicated Expand Teams across K-12, Higher Education,
 Professional Learning and Core International regions
- Aligned compensation plans to focus on retaining & growing ARR
- ~30% of salesforce deployed for K-12 & Higher Education crosssell opportunity²
- Created cross-sell bundles based on "Next Best Product"
- Non-traditional bundle for existing Higher Education customers

Customer win case study





Phoenix, AZ



450K online users (100M+ goal by 2030)



Adopted

Canvas: 2018



ASU's Thunderbird School of Global Management has big plans to close educational equity gaps and educate women and girls around the world. In 2022, **Thunderbird** announced its initiative to provide education for 100M global learners by 2030. This ambitious goal will be achieved through the Francis and Dionne Najafi 100M Learners Global Initiative.

Canvas serves as a platform for equity and accessibility as the program aims to educate learners throughout the globe, ultimately offering courses in over 40 languages.

"Canvas provides learners a continuity of experience that supports the amazing things happening for them across their lifelong learning journey. Programs focused on bridging the gap between learning and doing, such as this initiative, showcase the direct impact that education, upskilling, and professional development can have on the trajectory of someone's life."

¹ UNESCO/World Bank (2020/2023), management estimates; ² As of February 28, 2024



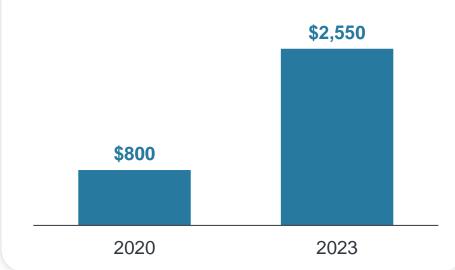
We are accelerating cross-sell with dedicated resources & product bundles (cont.)

Large statewide K-12 deal

Key milestones

- 2020: Landed Canvas
- 2021: Cross-sold Studio / Catalog
- 2022: Expanded Canvas users
- 2023: Cross-sold Mastery Connect

ARR (\$000)

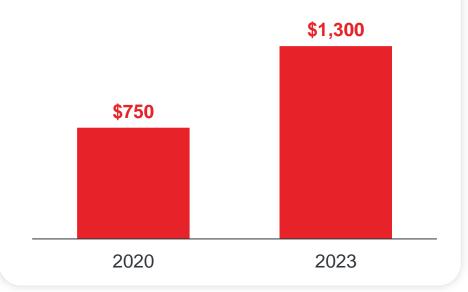


Large NA Higher Education institution

Key milestones

- 2014: Landed Canvas
- 2020: Cross-sold Catalog
- 2022: Cross-sold Credentials

Expansion of Canvas to support 10K online non-traditional users



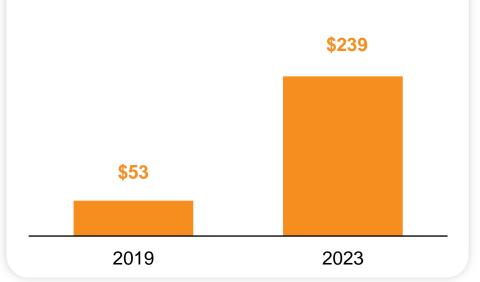
Professional Learning organization

Key milestones

- 2018: Landed Canvas
- 2020: Cross-sold Impact
- 2023: Cross-sold Studio

Internationally-recognized wine training

& accreditation organization







We are translating our platform market share into partner solutions

Unlock opportunities for our EdTech partners

Key metrics & GTM

- \$8B TAM¹
- Created new business unit solely-focused on the Partner segment
- ~10% of salesforce deployed for Partner opportunity globally²
- Created Partner-specific bundles

Partner case studies





Scottsdale, AZ



153 institutions



Reseller partner: 2021

Problem

K16's offerings needed to align with decision-making and activation processes as institutions transitioned from legacy LMS to new solutions. Lack of visibility made a direct sales and marketing motion challenging.

Value proposition / results

The reach and sales talent combined with the volume of sales opportunities given **Instructure's** logo growth made a reseller arrangement extremely attractive for **K16**.





Charlotte, NC



50M users



Adopted LearnPlatform: 2022

Problem

LearnPlatform by Instructure is a key partner for Discovery Education to furnish services and subscriptions for Discovery Education products such as DreamBox Learning (Reading Plus and Math), Mystery Science, Mystery Writing, and Social Studies Techbook.

Value proposition / results

Discovery Education's engagement started with an Evidence subscription focus on DoodleMath that sought to (a) build a high-quality logic model and ESSA Tier IV validation and (b) conduct a study to demonstrate effectiveness meeting ESSA Tier III or ESSA Tier II status.

¹ HolonIQ (2023), management estimates; ² As of February 28, 2024



Our growth playbook begins and ends with best-in-class customer success

Our foundation of customer centricity

- ✓ We put our customers and their success at the center of everything we do. This is a strategy, culture and way of being
- ✓ Our customer-centric approach is built upon our values as an organization: openness, relationships, equality, ownership & simplicity
- ✓ The Customer Success organization leads our customer-centric approach across the company

Customers evangelize our team

- Emily is a vital part of the success of Canvas in HCPS. Her consistent advocacy and willingness to solve our issues and develop solutions is deeply appreciated. I work with many CSM's from many different vendors and I can say without hesitation that Emily is not only the best I have worked with, but is a model for the industry in this position.
- Jeff is one of the most supportive partners I have ever worked with. He is knowledgeable, responsive, and organized. Additionally, Jeff takes the time to know our district's needs and he strives to match his support to those needs. He is fantastic.
- Working with our CSM feels like working with co-workers from our school system. It doesn't feel like they are "outside." I like that.
- The Customer Success Team is one of the main reasons I would recommend Canvas to others.







Melissa Loble: Chief Academic Officer



Blackboard





Today's participants



Dr. Marina Aminy
Associate Vice Chancellor
& Executive Director



Prof. Phil Gravestock
Dean of Students and
Education



Erin Cooke
Director of Product
Management



Dr. Jeffrey S. Faust
Chief Technology
Innovation Officer



California Virtual Campus – Online Education Initiative



Project Kitty Hawk









Peter Walker: Chief Financial Officer





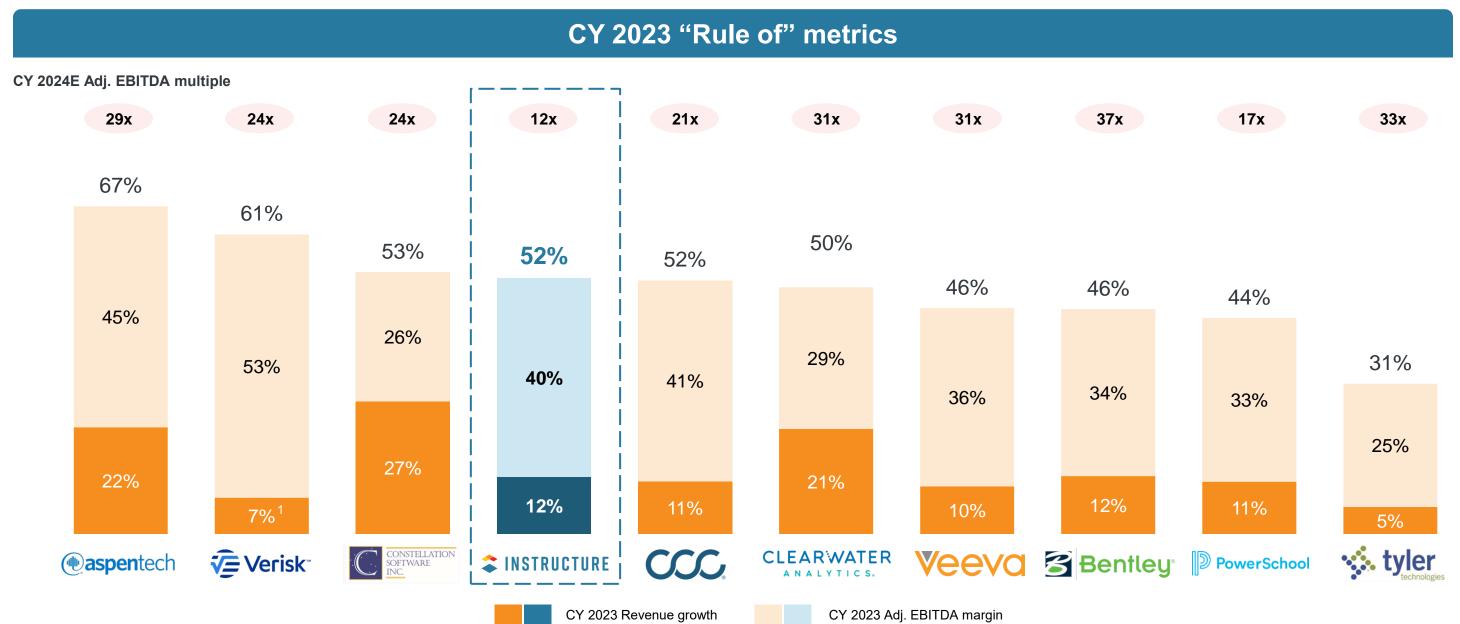








Positioned among best-in-class vertical software companies



Source: FactSet as of March 11, 2024

Notes: Adjusted EBITDA is a non-GAAP measure, see Appendix for reconciliation; "Rule of" calculated as CY 2023 Revenue growth + CY 2023 % Adj. EBITDA margin; 1 Reflects organic constant currency revenue growth



Financial model reflects the strength of our vertical SaaS business

Favorable contract structure & customer base



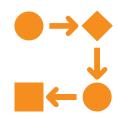
- Multi-year contracts + \$834M of RPO¹ = strong revenue visibility
- Paid annually upfront
- Sticky installed base of users given mission-critical software

Durable recurring revenue



- 92% recurring revenue²
- 93% gross revenue retention rate & 103% net revenue retention rate²
- Low client concentration risk (top 10 customers <10% of revenue)²

Best-in-class gross margins, high cash flow generation

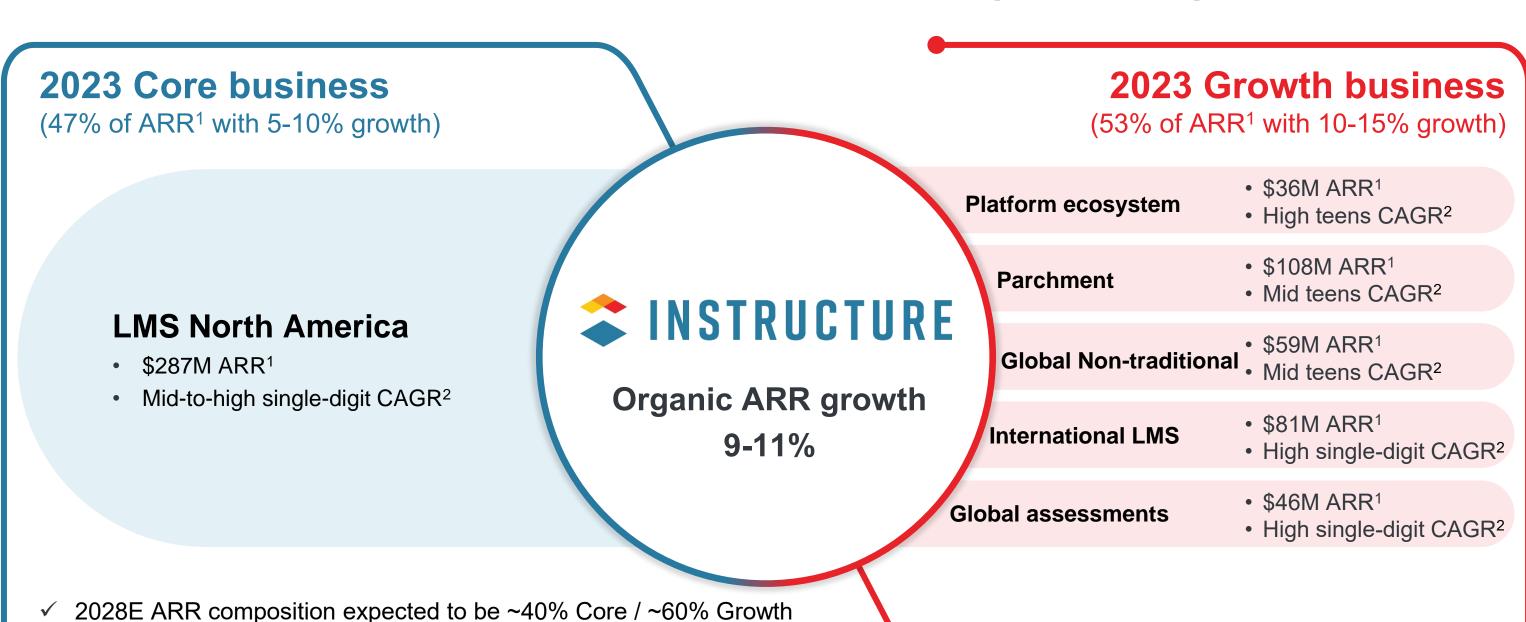


- 82% non-GAAP recurring gross profit margin²
- ~100%+ Adj. uFCF conversion²
- Minimal capex spend

Note: Recurring revenue defined as revenue from subscription & support as per Company's financial statements; we calculate gross revenue retention rate by subtracting downgrades and cancellations over a 12-month period from ARR at the beginning of the corresponding 12-month period for a particular customer cohort and dividing the result by the ARR from the beginning of the same 12-month period; we calculate our net revenue retention rate by dividing the ARR from that same customer cohort from the same month in the immediately preceding year; non-GAAP recurring gross profit margin is calculated as subscription and support revenue minus subscription and support revenue; non-GAAP measures, see Appendix for reconciliations; As of December 31, 2023;



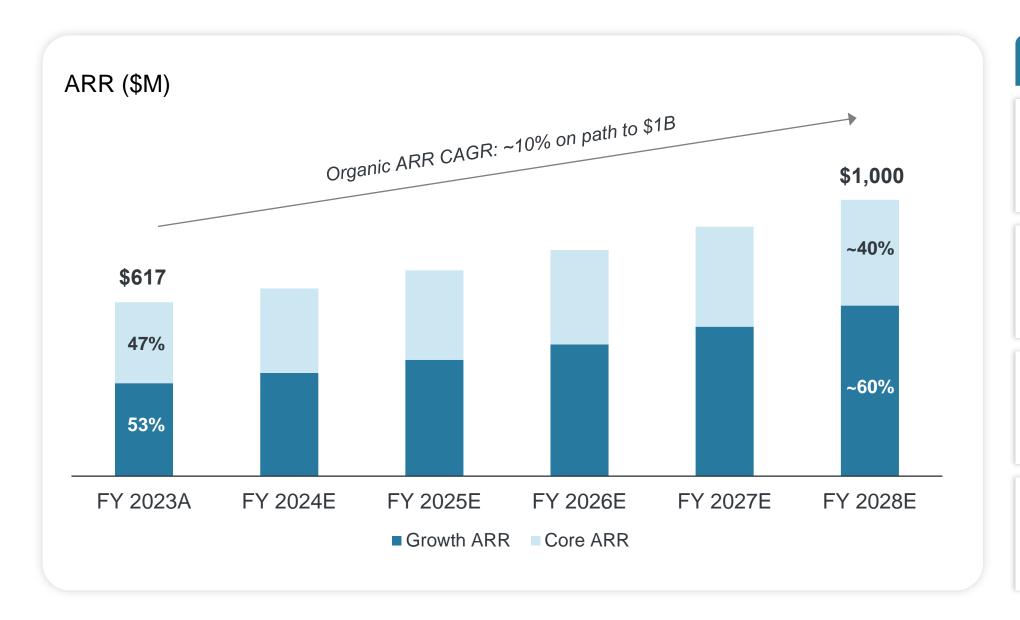
Platform evolution to deliver 9-11% medium term organic ARR growth



Note: ARR represents annualized recurring revenue from subscription and support under contract at a point in time; ¹ARR as of December 31, 2023; ² 5-year CAGR reflects growth from year-end 2023-2028E



Growth across multiple vectors powers \$1B ARR exit velocity in 2028



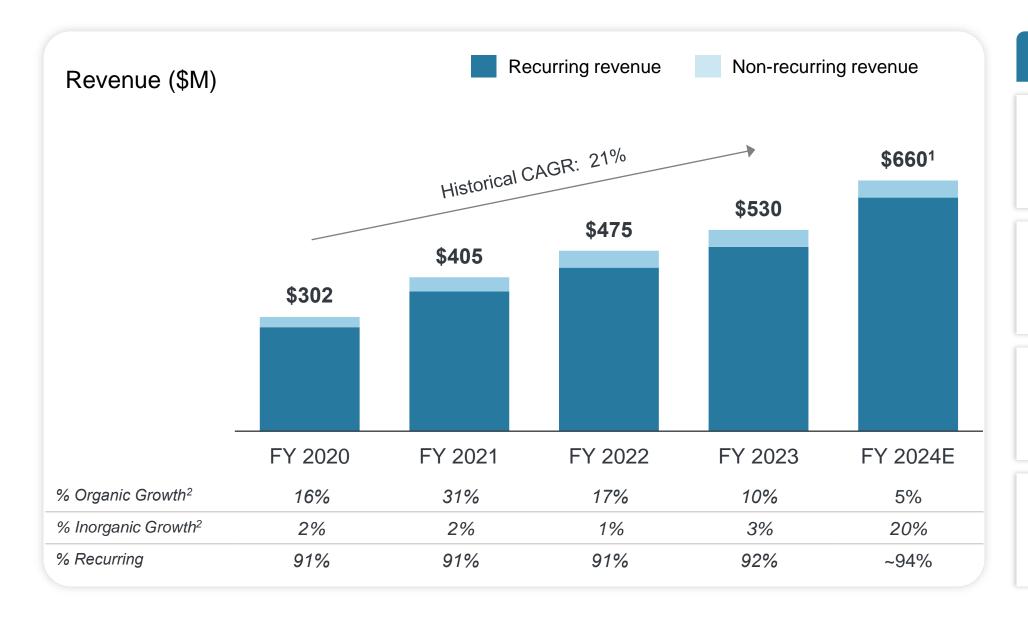
Key highlights Organic CAGR 9 -11% Exit velocity of \$1B ARR in 2028 \$1B total GAAP revenue by 2028

Adj. EBITDA margin expands

to mid 40s by 2028

¹ All forward looking estimates for ARR reflect combined Instructure and Parchment businesses; ARR represents annualized recurring revenue from subscription and support under contract at a point in time; adjusted EBITDA is a non-GAAP measure, see Appendix for reconciliation

Highly recurring business with durable revenue growth





Continued new logo acquisition

International expansion

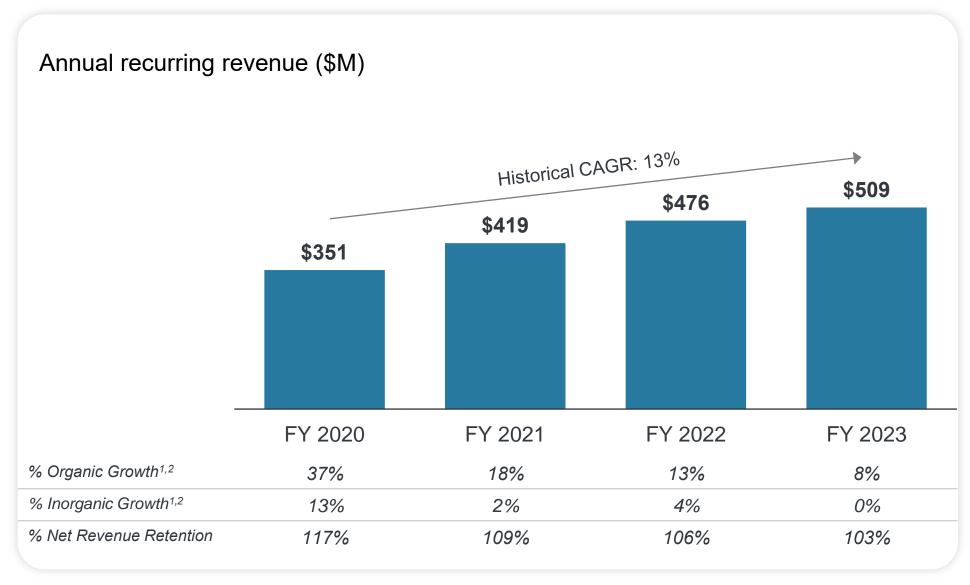
Momentum in cross-selling platform

Growing in new segments & markets

Notes: Recurring revenue defined as revenue from subscription & support as per Company's financial statements; ¹ At mid-point of the guidance range provided on February 20, 2024; ² Presented on a constant currency basis by converting the current period's revenue in local currency to U.S. dollars using foreign exchange rates for the same period of the prior year; see Appendix for reconciliation



Profitable ARR growth



Key drivers

Durability from multi-year contracts

Bundle strategy improving initial deal size

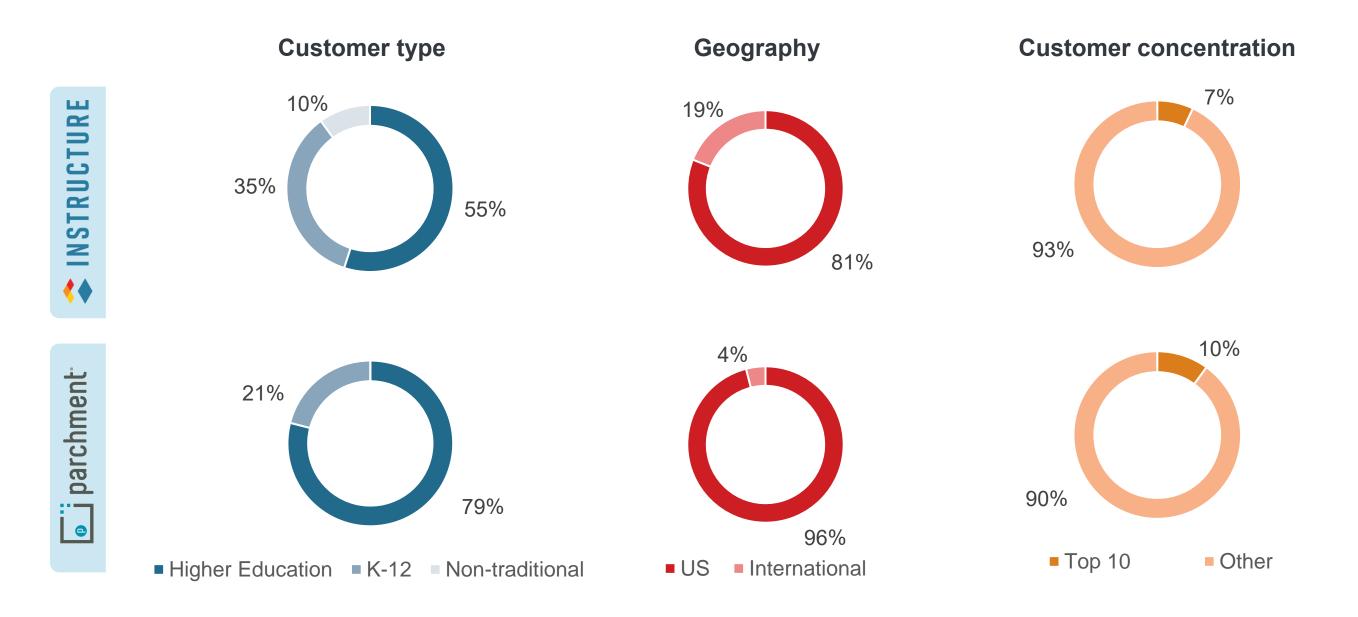
Parchment enhancing total ARR composition

High single-digit ARR growth in 2024, in-line with 2023 trends, assuming Parchment acquisition in 2023

Notes: ARR represents annualized recurring revenue from subscription and support under contract at a point in time; we calculate our net revenue retention rate by dividing the ARR obtained from a particular customer cohort in a given month by the ARR from that same customer cohort from the same month in the immediately preceding year; presented on a constant currency basis by converting the current period's revenue in local currency to U.S. dollars using foreign exchange rates for the same period of the prior year; see Appendix for reconciliation; 1 FX impact of (0.7%), 0.1%, (0.2%), (0.5%) in FY 2020, FY 2021, FY 2022, FY 2023 respectively; 2 Presented on a constant currency basis by converting the current period's revenue in local currency to U.S. dollars using foreign exchange rates for the same period of the prior year; see Appendix for reconciliation



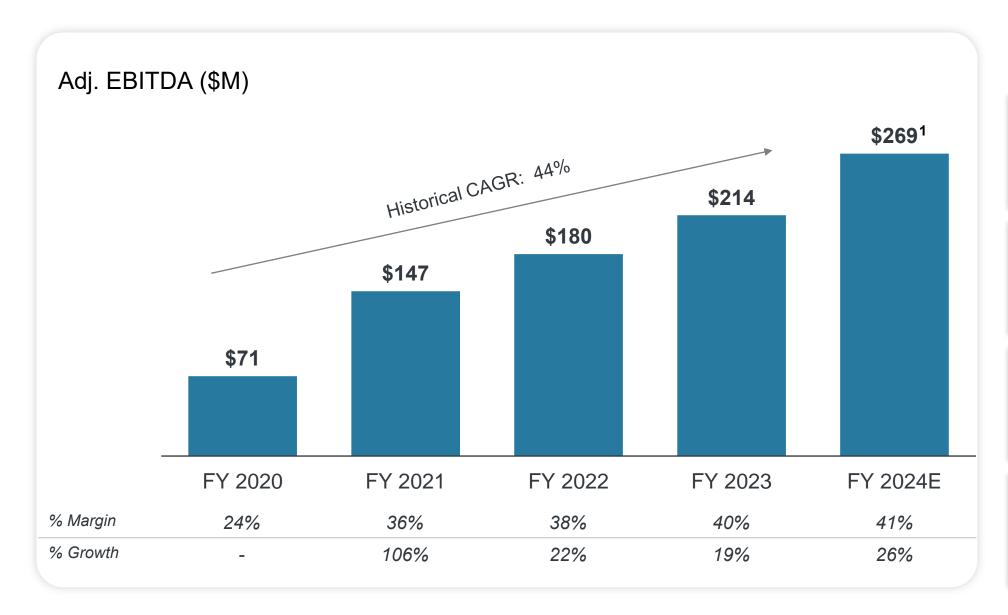
Primed to serve non-traditional and international rapid growth opportunities



Note: Data shown represents ARR as of December 31, 2023



Delivering profitability at scale with runway for margin expansion



Key drivers

Continued gross margin expansion

Strategic investments in GTM organization

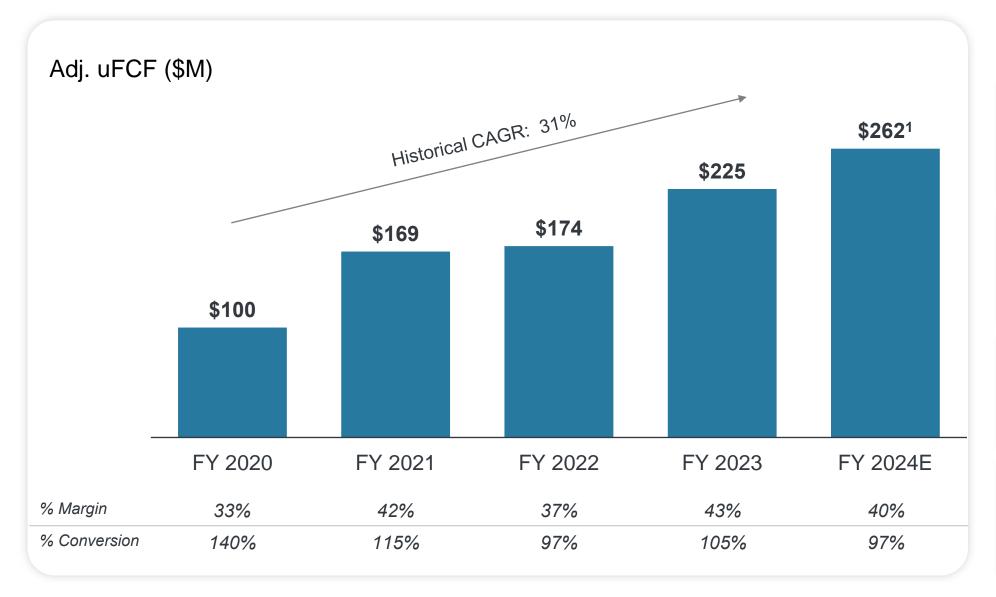
Leveraging global shared resource centers across R&D and G&A

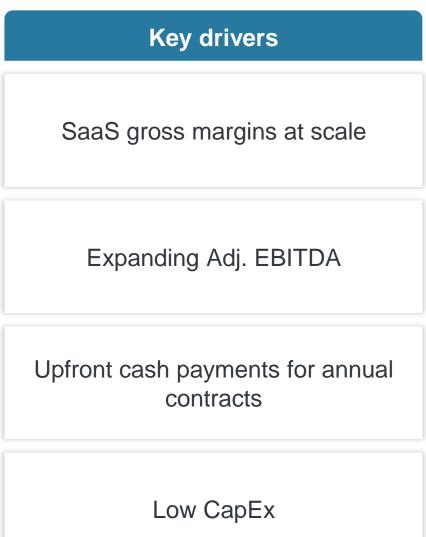
Increased product density across customer base

Notes: Adjusted EBITDA is a non-GAAP measure, see Appendix for reconciliation ¹ At mid-point of the guidance range provided on February 20, 2024



Adjusted uFCF growth outpacing sales & compounding returns

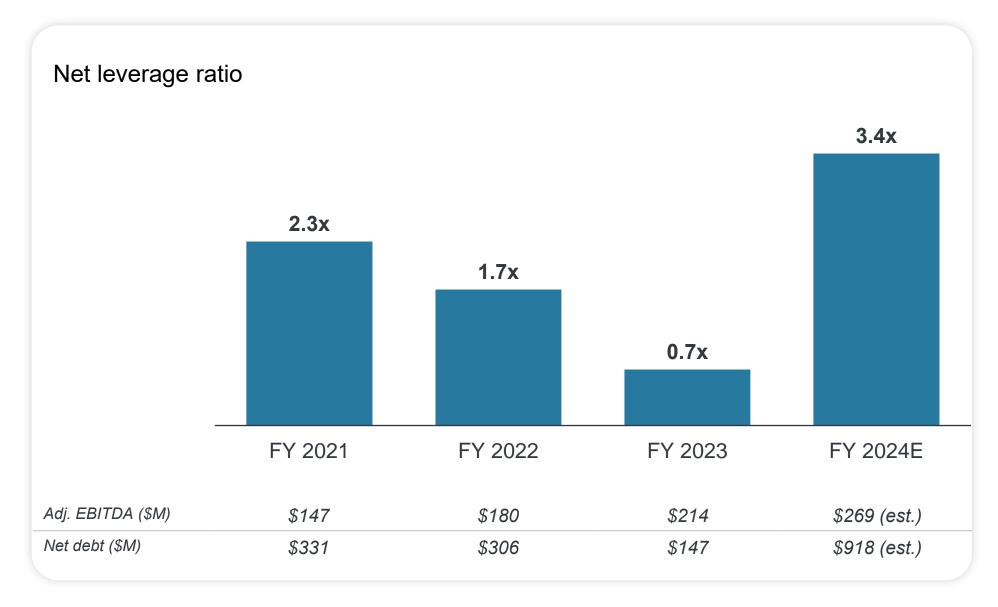




Notes: Adjusted unlevered free cash flow and adjusted unlevered free cash flow margin are non-GAAP measures, see Appendix for reconciliation; Conversion reflects unlevered free cash flow divided by adjusted EBITDA 1 At mid-point of the guidance range provided on February 20, 2024



Capital allocation priorities drive innovation, fuel growth and create value



Key priorities

R&D drives product innovation

S&M investment drives customer acquisition and retention

Strategic M&A expands TAM and broadens product platform

Capital structure preserves strategic optionality; target 2-3x leverage ratio

Notes: FY24E net debt of \$918M, adj. EBITDA of \$269M (at midpoint of the guidance range provided on February 20, 2024); FY23 net debt of \$306M, adj. EBITDA of \$180M; FY21 net debt of \$331M, adj. EBITDA of \$147M; Net leverage ratio reflects adj. EBITDA divided by net debt



Outperformed all IPO targets, charting our encore performance

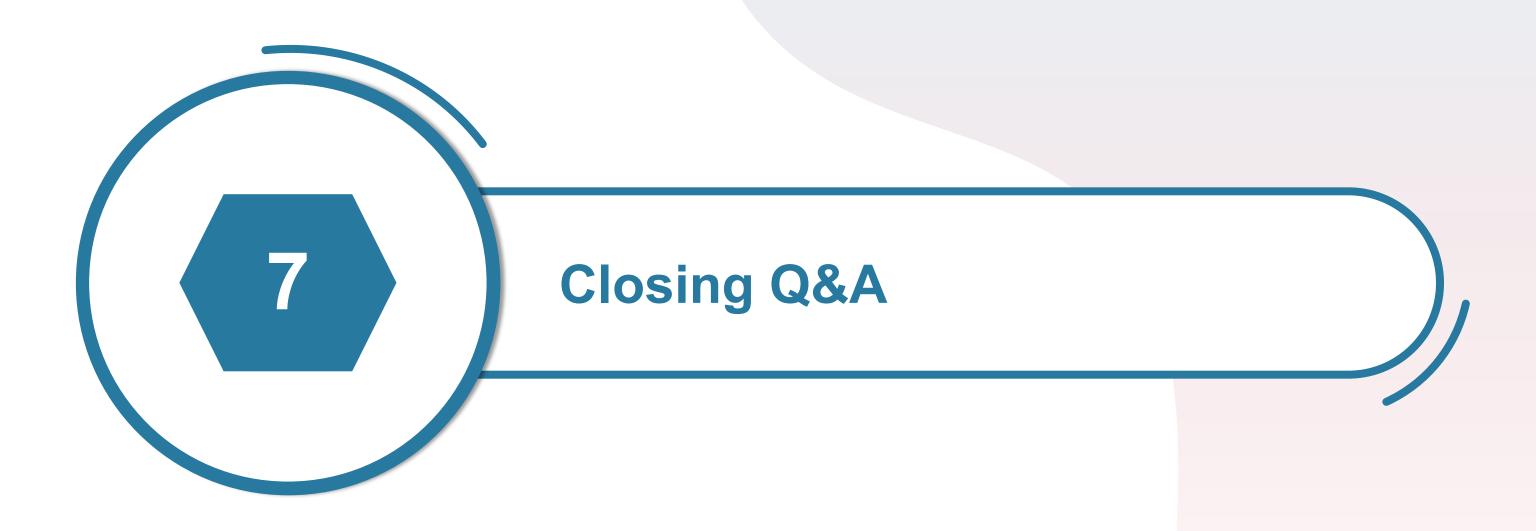
	FY 2020	FY 2023	Medium-Term Targets
Revenue	\$302M	\$530M	9% - 11% organic growth
Non-GAAP gross profit margin	75%	78%	Low 80s
S&M margin	27%	19%	Mid-to-high teens
R&D margin	17%	12%	Low teens
G&A margin	9%	7%	Mid-to-high single digits
Adj. EBITDA margin	24%	40%	Mid 40s

Investor Day highlights

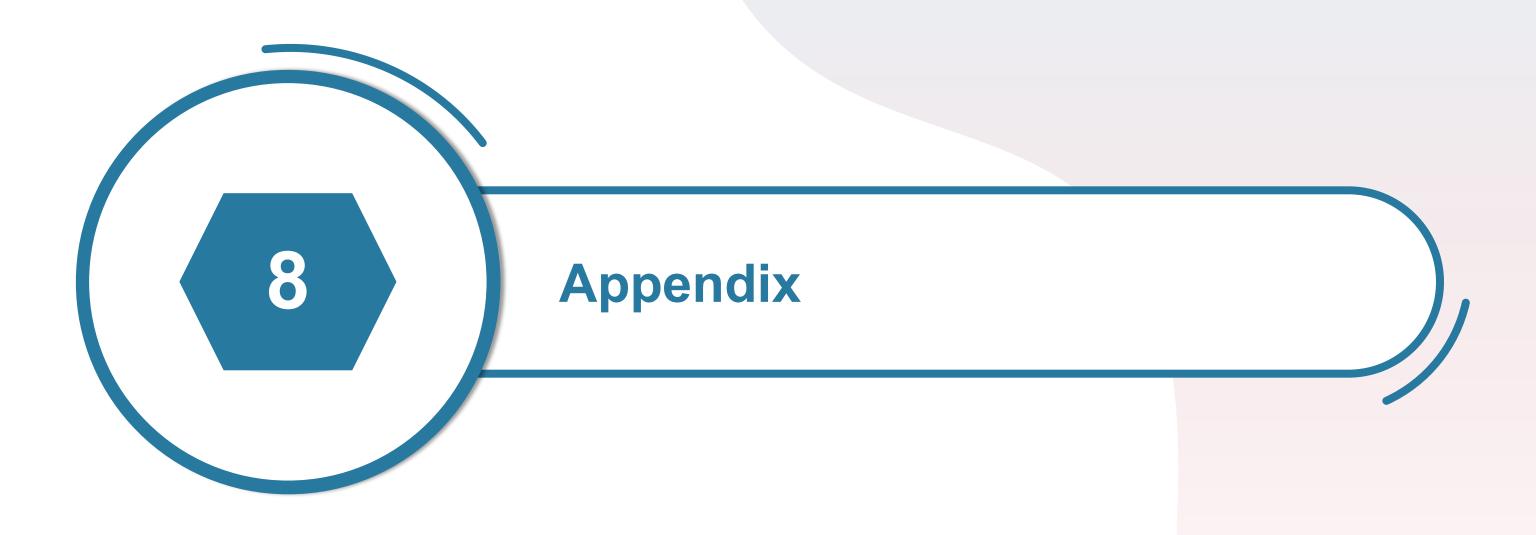
- 1 We are on a clear path to becoming a \$1B revenue company
- We are executing multiple growth vectors within a \$52B TAM¹
- We continue to deliver durable revenue growth and compounding profitability
- We have a world-class management team aligned to these targets



¹ Source: Oliver Wyman (2023), UNESCO/World Bank (2020/2023), HolonIQ (2023), NCES (2022), IBIS World (2023), Inside Higher Ed (2019), Gallup (2022), management estimates









Non-GAAP financial measures definitions

Adjusted EBITDA; Adjusted EBITDA Margin. EBITDA is defined as earnings before debt-related costs, including interest and loss on debt extinguishment, benefit for taxes, depreciation, and amortization. We further adjust EBITDA to exclude certain items of a significant or unusual nature, including stock-based compensation, transaction costs, sponsor costs, other non-recurring costs, effects of foreign currency transaction (gains) and losses, amortization of acquisition-related intangibles, and the impact of fair value adjustments to acquired unearned revenue relating to the Take-Private Transaction and the Certica, Impact, and Elevate Data Sync acquisitions. Although we exclude the amortization of acquisition-related intangibles from this non-GAAP measure, management believes that it is important for investors to understand that such intangible assets were recorded as part of purchase accounting and contribute to revenue generation. Adjusted EBITDA Margin is defined as Adjusted EBITDA divided by revenue.

Free Cash Flow, Unlevered Free Cash Flow and Adjusted Unlevered Free Cash Flow. We define free cash flow as net cash provided by operating activities less purchases of property and equipment and intangible assets, net of proceeds from disposals of property and equipment. We define unlevered free cash flow as free cash flow adjusted for cash paid for interest on outstanding debt and cash settled stock-based compensation. We define adjusted unlevered free cash flow as unlevered free cash flow adjusted for transaction costs, sponsor costs, impaired leases, and other non-recurring costs paid in cash. We believe free cash flow, unlevered free cash flow and adjusted unlevered free cash flow facilitate period-to-period comparisons of liquidity. We consider free cash flow, unlevered free cash flow and adjusted unlevered free cash flow to be important measures because they measure the amount of cash we generate and reflect changes in working capital.

Non-GAAP Gross Profit Margin. We define non-GAAP gross profit as gross profit excluding the impact of stock-based compensation, transaction costs, other non-recurring costs, amortization of acquisition-related intangibles, and fair value adjustments to deferred revenue in connection with purchase accounting that we do not believe are reflective of our ongoing operations. Although we exclude the amortization of acquisition-related intangibles from the non-GAAP measure, management believes it is important for investors to understand that such intangible assets were recorded as part of purchase accounting and contribute to revenue generation. Non-GAAP Gross Profit Margin is defined as Non-GAAP gross profit divided by revenue.

Net Debt; Net Leverage Ratio. We define net debt as total outstanding term debt, less cash, cash equivalents and restricted cash. Management uses this supplemental non-GAAP measure to evaluate the Company's leverage. Net leverage ratio is computed by dividing net debt by adjusted EBITDA.

Non-GAAP Recurring Gross Profit Margin. Recurring gross profit margin is computed by dividing subscription and support revenue less non-GAAP subscription and support revenue.



Non-GAAP Adjusted EBITDA

(\$M)	2020	2021	2022	2023
Net loss	\$ (200,184)	\$ (88,679)	\$ (34,242)	\$ (34,078)
Interest on outstanding debt	50,921	72,775	24,591	42,022
Income tax benefit	(43,741)	(33,719)	(8,132)	(4,258)
Depreciation	6,612	3,713	4,491	4,786
Amortization	42	7	7	2
Stock-based compensation	57,271	25,785	39,779	44,196
Transaction costs	16,774	9,090	9,123	15,512
Sponsor costs	1,185	414	517	147
Impairment charges	46,127	8,116	_	_
Other non-recurring costs	17,207	3,944	3,365	10,269
Effects of foreign currency transaction (gains) and losses	(1,727)	1,916	2,514	(1,671)
Amortization of acquisition-related intangibles	97,896	133,994	136,710	142,965
Interest income	_		_	(5,679)
Fair value adjustments to deferred revenue in connection with purchase accounting	22,751	9,322	868	_
Adjusted EBITDA	\$ 71,134	\$ 146,678	\$ 179,591	\$ 214,213
Net Loss Margin	(66%)	(22%)	(7%)	(6%)
Adjusted EBITDA Margin	24%	36%	38%	40%



Free cash flow, unlevered free cash flow, and adjusted unlevered free cash flow

(\$M)	2020		2021		2022	2	2023	3
Net cash provided by (used in) operating activities	\$	(20,174)	\$	105,143	\$	140,271	\$	164,016
Purchases of property and equipment		(2,366)		(4,259)		(6,321)		(5,940)
Proceeds from disposals of property and equipment		100		53		43		50
Free cash flow	\$	(22,440)	\$	100,937	\$	133,993	\$	158,126
Cash paid for interest on outstanding debt		50,921		48,058		18,073		42,430
Cash settled stock-based compensation		41,437		7,616		6,194		662
Unlevered free cash flow	\$	69,918	\$	156,611	\$	158,260	\$	201,218
Transaction costs		16,092		7,444		9,474		12,174
Sponsor costs		204		335		378		169
Impaired leases		6,250		7		2,074		1,486
Other non-recurring costs		7,256		4,299		3,359		10,442
Adjusted unlevered free cash flow	\$	99,720	\$	168,696	\$	173,545	\$	225,489
Net cash provided by (used in) operating activities margin		(7%)		26%		30%		31%
Adjusted unlevered free cash flow margin		33%		42%		37%		43%
Adjusted unlevered free cash flow conversion		140%		115%		97%		105%



Non-GAAP gross profit

(\$M)	2	2020	2021		2022		2023	
Gross profit	\$	153,514	\$	235,496	\$	302,900	\$	343,895
Stock-based compensation		2,293		1,858		3,090		3,993
Transaction costs		148				226		1,143
Impairment of leased properties		2,730		2,768		_		_
Other non-recurring costs		325		277		69		1,909
Amortization of acquisition-related intangibles		45,460		62,060		63,386		64,868
Fair value adjustments to deferred revenue in connection with purchase accounting		22,751		9,322		868		<u> </u>
Non-GAAP gross profit	\$	227,221	\$	311,781	\$	370,539	\$	415,808
GAAP gross margin		51%		58%		64%		65%
Non-GAAP gross margin		75%		77%		78%		78%
14011 C/VII groot margin		1070		1170		1070		1070



Net debt

(\$M)	20	2021 2022		022	2023		2024	
Long-term principal, current	\$	3,750	\$	5,000	\$	5,000	\$	11,972
Long-term principal, net of current portion		496,250		491,250		486,250		1,152,306
Cash, cash equivalents and restricted cash		(169,153)		(190,266)		(344,208)		(245,814)
Net debt	\$	330,847	\$	305,984	\$	147,042	\$	918,464
Gross leverage ratio		3.4		2.8		2.3		4.3
Net leverage ratio		2.3		1.7		0.7		3.4



Non-GAAP recurring gross profit

(\$M)	2023
Recurring gross profit	\$ 326,817
Stock-based compensation expense	1,775
Transaction costs	1,116
Other non-recurring costs	1,563
Amortization of acquired intangibles	64,868
Non-GAAP recurring gross profit	\$ 396,139
GAAP recurring gross margin	67%
Non-GAAP recurring gross margin	82%



Organic constant currency revenue

The following table reconciles revenue growth, the most directly comparable GAAP measure, to organic constant currency revenue growth for the periods presented. We have provided the impact of revenue from the acquisitions completed within each respective period. Constant currency basis is calculated by converting the current period's revenue in local currency to U.S. dollars using foreign exchange rates for the same period of the prior year.

(\$M)	2020	2021	2022	2023
Reported revenue growth	16.9%	34.2%	17.2%	11.6%
Inorganic revenue growth ¹	(2.0)%	(1.5)%	(1.1)%	(2.7)%
Impact from foreign currency exchange ²	0.7%	(1.5)%	0.6%	0.8%
Organic constant currency revenue increase	15.6%	31.2%	16.7%	9.7%

¹ Impact to revenue growth in the current period for M&A activity that has occurred over the past twelve months.



² Impact to revenue growth (decline) in the current period from fluctuations in foreign currency exchange rates.

