









James R. Scapa Founder, Chairman and CEO

SIMULATION DRIVEN INNOVATION









SAFE HARBOR

This presentation and the accompanying oral commentary contain "forward-looking" statements that are based on our beliefs and assumptions and on information available to us as of the date of this presentation. All statements other than statements of historical facts contained in this presentation, including statements regarding our future results of operations and financial position, including our customer lifetime value, strategy and plans, market size and opportunity, competitive position, industry environment, potential growth opportunities and our expectations for future operations, are forward-looking statements. The words "believe," "may," "might," "objective," "ongoing," "will," "estimate," "continue," "anticipate," "design," "intend," "expect," "could," "plan," "potential," "predict," "project," "seek," "should," "would" or the negative version of these words and similar expressions are intended to identify forward-looking statements. This presentation also contains non-GAAP financial measures. We have provided a reconciliation of such non-GAAP financial measures to the most directly comparable measures prepared in accordance with U.S. GAAP in the Appendix to this presentation.

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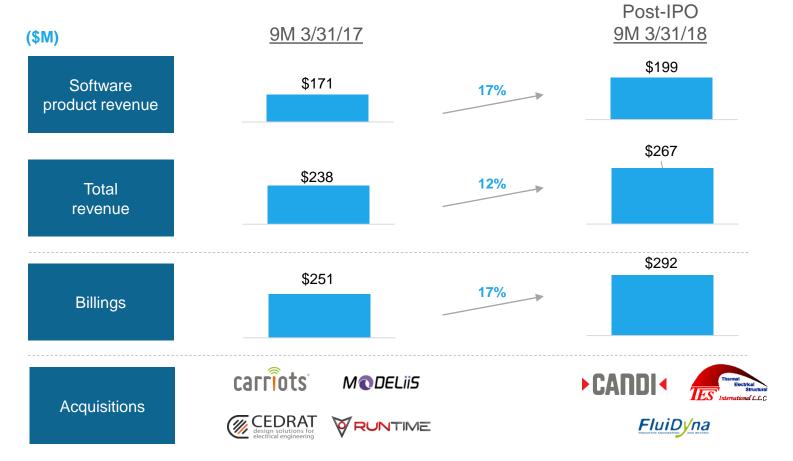


OUR VISION

Altair transforms design and decision making by applying simulation, machine learning, and optimization throughout product lifecycles.



SIGNIFICANT PROGRESS SINCE IPO





IN THE NEWS SINCE IPO

Awarded Cray's 2017 Supplier of the Year at SC17

Expands thermal capabilities for electronics: acquires TES International's Software and hires technologist

Mary C. Boyce, Dean of the School of Engineering and Applied Sciences at Columbia, joins Altair Board

Reinvents the Cloud High-Performance Computing experience with the release of PBS Works 2018

Electromagnetics software release targets e-Mobility and communications markets

Acquisition of CANDI Controls assets adds Edge Gateway technology to Altair's IoT platform

GE and Altair sign agreement for exclusive distribution of GE's Flow Simulator Software

Acquisition of FluiDyna accelerates Altair's computational fluid dynamics technology



INVESTMENT HIGHLIGHTS

Broad software suite to design and optimize complex, highly engineered products

Well-positioned to gain share in large, growing markets

Global blue-chip customer base across industries

Powerful business model drives high engagement, retention, and recurring revenue

Attractive combination of scale, profitable growth, and margin expansion opportunities



ALTAIR AT A GLANCE

Long heritage of solving some of the most challenging engineering problems



\$333M

FY17 Revenue



\$23M

FY17 Adjusted EBITDA



Tens of Thousands

of Global Users



2,000+

Engineers, scientists, and creative thinkers



5,000+

Customer installations globally



71 offices

in 24 countries

OUR BUSINESS

HyperWorks[®]

FY2017 Revenue / % total

THE PLATFORM FOR INNOVATION™

Software - \$280M - 84%

PBS Works

ACCELERATING INNOVATION IN THE CLOUD™



solidThinking[®]

WHERE INNOVATION BEGINS™



Carriots[™]

INNOVATION INTELLIGENCE™



CES - \$47M - 14%



Long-term ongoing engineering, design and development expertise

Innovation - \$7M - 2%









PRINCIPAL DRIVERS OF GROWTH FOR SIMULATION

Fundamental transformations in product engineering

Increasing sophistication and fidelity of simulation technologies

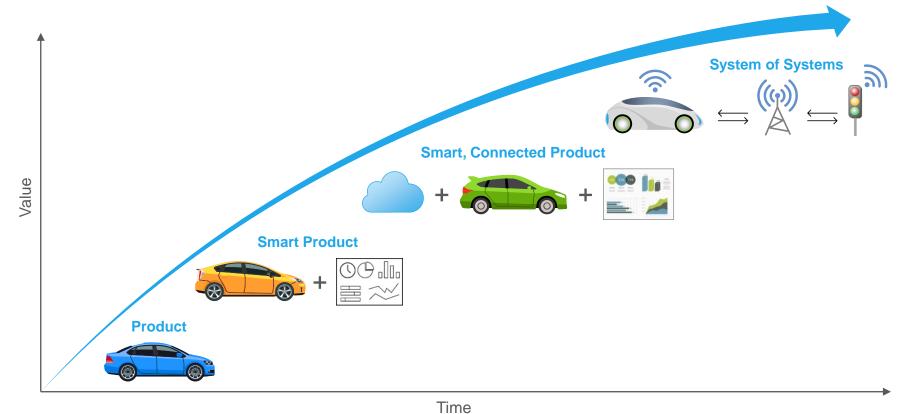
Democratization of simulation

An emerging paradigm of simulation-driven design

Expanding scope of simulations to "Digital Twins"

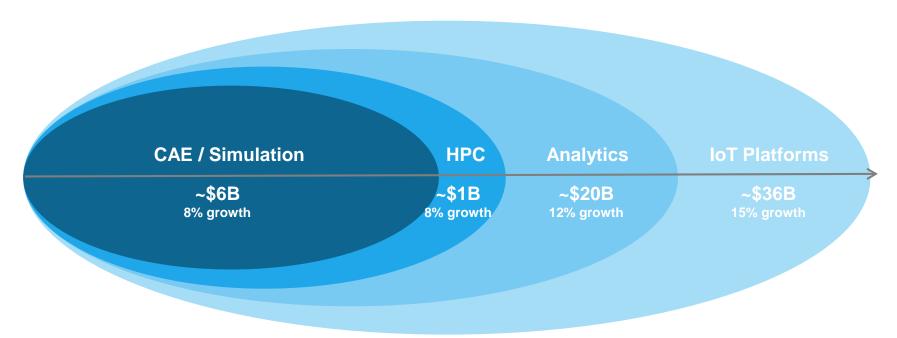


EVOLUTION OF PRODUCT COMPLEXITY





WAVES OF CHANGE ARE EXPANDING OUR MARKET OPPORTUNITY

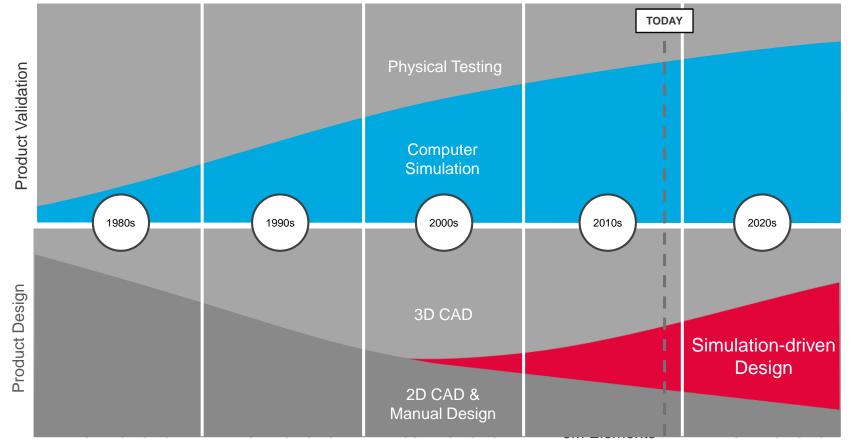


CIMdata expects the CAE market, "will be one of the more rapidly growing segments within the tools sector of PLM over the next five years, and forecasts that this market sector will exceed \$7.8 billion in 2021, with an 8.1% CAGR."

"We are truly in the era of simulation-driven engineering."



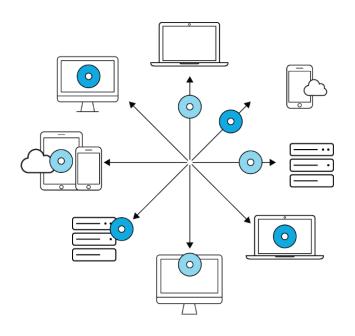
SIMULATION INCREASINGLY COMPLEX, DISPLACING PHYSICAL TESTING





DIFFERENTIATED UNITS-BASED SUBSCRIPTION LICENSING MODEL

Results in high retention, visibility and recurring revenues



Customers purchase a pool of sharable units

Users draw units to utilize ANY product across ANY location

Units return to the pool after use and become available to all users

Average customer uses ~15 products



COMPREHENSIVE PLATFORMS FOR SIMULATION NEEDS

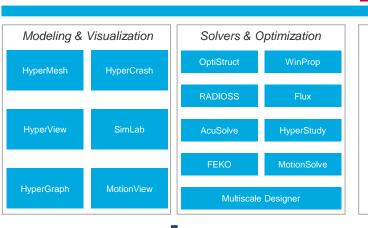
HyperWorks*

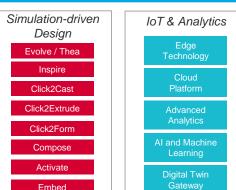
30+
Altair Applications

150+
Partner Products

~15
Average products used

Units-based Licensing Model





solidThinking[®]

carriots'



PBS Works



















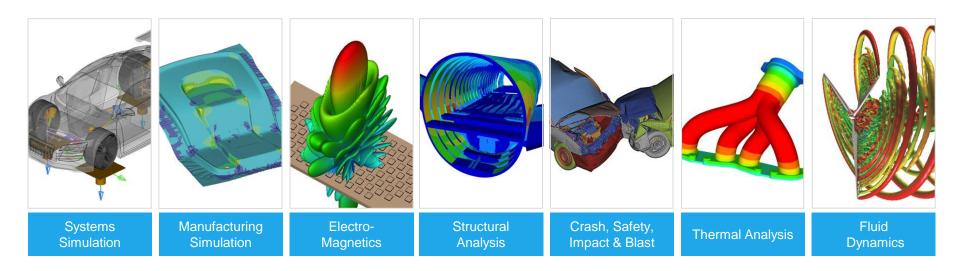






BROAD PORTFOLIO OF SOLVERS ACROSS MULTIPLE PHYSICS TYPES

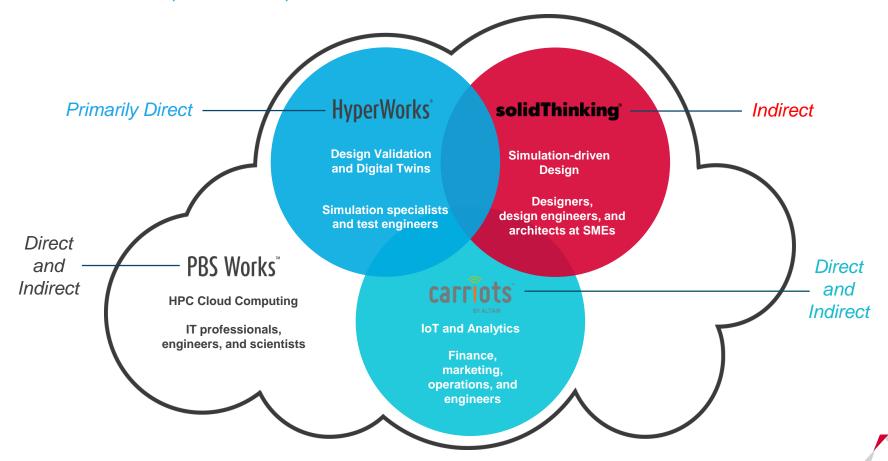
Interconnected, smart products demand optimization across multiple physics to create cutting-edge designs



Altair is driving the multi-physics optimization opportunity



OUR MARKETS, BRANDS, AND USERS



GLOBAL BLUE-CHIP CUSTOMER BASE ACROSS INDUSTRIES



5,000+ customers globally

No customer >3% of Software billings

15 out of top 15 auto manufacturers

10 out of top 10 aerospace manufacturers

Decades-long relationships



WHY WE WIN

Breadth of Simulation Portfolio

Leading Simulation Performance

Open Architecture

Units-Based Subscription Model

Deeply Loyal and Sticky User Base

Our Innovation DNA

	CAE Market Landscape						
		Breadth of Simulation Portfolio	Simulation & Optimization Performance	Open Architecture	Strategic engineering services	Units-based Subscription Model	loT & Analytics
Competitors	Altair						•
	Α						
	В						
	С						
	D						



SOFTWARE GROWTH OPPORTUNITIES

Grow market share for solvers and the expanding cloud HPC market

Build awareness and traction for our model-based design software solutions

Disrupt the traditional market with simulation-driven design

Leverage our customer portfolio, scale, and expertise in the **IoT** market with **platform**, **analytics**, **and digital-twin** simulations



SOFTWARE GROWTH STRATEGIES

Increase software usage within our existing customer base

Invest in our direct sales force and indirect sales channels

Continue to invest in R&D

Selectively pursue acquisitions and strategic investments



FOUNDER-LED, WITH A DEEP BENCH OF INDUSTRY VETERANS



James R. Scapa Founder, Chairman & CEO (33 years)



Howard N. Morof Chief Financial Officer (5 years)



Brett Chouinard President & COO (24 years)



Nelson Dias Chief Revenue Officer (16 years)



James Dagg Chief Technical Officer (31 years)



Dr. Uwe Schramm Chief Technical Officer (22 years)



Sam Mahalingam Chief Technical Officer (20 years)



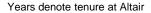
Jeffery M. Brennan Chief Marketing Officer (26 years)



Martin Nichols
Chief Information Officer
(26 years)



Massimo Fariello Chief Strategy Officer (25 years)







Financial Overview

Howard N. Morof • CFO



FINANCIAL HIGHLIGHTS

Scaled business with global presence and attractive revenue growth

Recurring model with high visibility and predictability

Powerful "retain, expand, and land" strategy

Strong free cash flow generation

Proven profitability with significant operating leverage opportunities



POWERFUL "RETAIN, EXPAND, AND LAND" STRATEGY

Large, attractive base



Retain

90%+ Recurring
Software License Rate

Maintain usage

Listen and respond to user requirements

Support, development

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Expand

~60% of New Software Growth

Grow usage

More engagement, new users, new products

Training, support, consulting, units-based model

New customers & markets



Land

~40% of New Software Growth

New customers

New verticals, high impact solutions

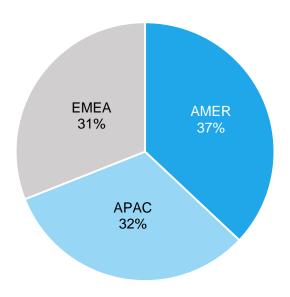
New channels and delivery models



GLOBALLY DIVERSIFIED BUSINESS

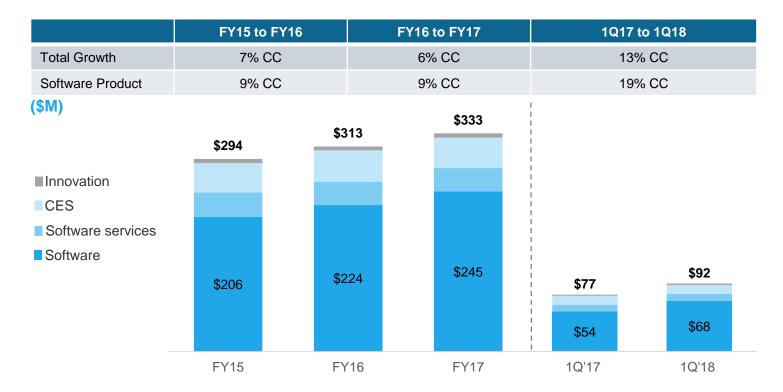
Billings Mix

FY17: \$359M





ATTRACTIVE REVENUE PROFILE

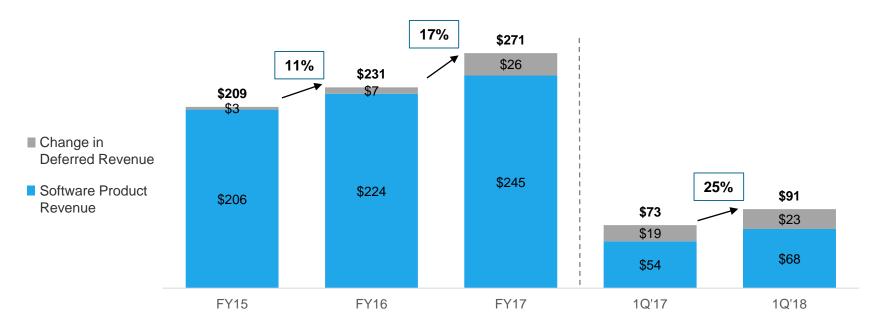


Constant currency ("CC"): Calculated from the current month activity at the prior average rate for that month. Year-to-date is the total of each month.



SOFTWARE MOMENTUM

Software Product Revenue + Change in Deferred Revenue (\$M)



Note: Change in deferred revenue is primarily related to software



FY17 GROSS PROFIT MARGINS AND OPERATING EXPENSES

Gross Profit % of Revenue		
Software	85%	
Software related Services	24%	
CES	18%	
Innovation	21%	
Total Gross Profit	68%	

Note: Operating expense items exclude stock-based compensation and depreciation (removed from G&A); R&D net of refundable R&D tax credits



ADJUSTED EBITDA

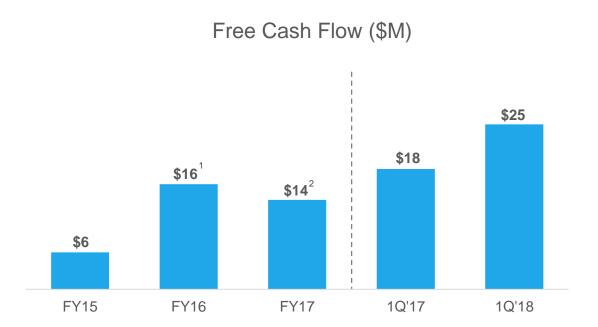
Adjusted EBITDA (\$M)







STRONG FREE CASH FLOW GENERATION



Note: FCF defined as operating cash flow less capex



¹ Excludes non-recurring \$4.0mm purchase of real property adjacent to corporate headquarters in 4Q16

² Adjusted for Modeliis asset acquisition of \$2.0mm and timing of refundable foreign R&D credit of \$3.0mm

STRONG BALANCE SHEET, SIGNIFICANT LIQUIDITY

(\$M)	3/31/18	<i>Pro Forma</i> 3/31/18 ¹
Cash and Cash Equivalents	\$63	\$174
Total Debt	\$1	\$1
Undrawn Revolver	\$100	\$100
Available Liquidity	~\$162	~\$272

Note: Excludes \$50mm accordion



¹ Adjusted for \$109.9mm of net proceeds from follow on offering

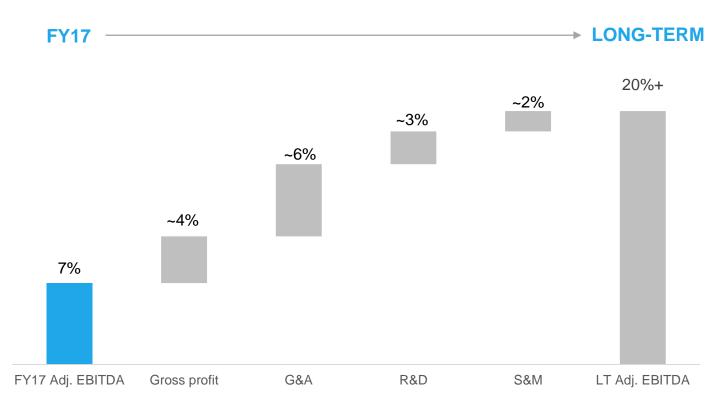
LONG-TERM TARGET OPERATING MODEL

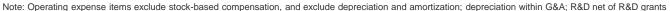
	FY17	LONG-TERM
Software Product % of total revenue	73%	75%+
Total Gross Margin	68%	71-73%
Research and Development	23%	19-20%
Sales and Marketing	22%	19-21%
General and Administrative	16%	9-12%
Adjusted EBITDA Margin	7%	20%+

Note: Operating expense items exclude stock-based compensation, and exclude depreciation and amortization; depreciation substantially booked within G&A; R&D net of refundable R&D tax credits



ADJUSTED EBITDA MARGIN: FY17 TO LONG-TERM TARGET







IN SUMMARY

Well positioned in large, growing markets

- Broad, differentiated product suite
- Levered to strong secular drivers

Attractive financial profile

- Scaled, global and diversified
- Proven profitability with significant operating leverage

Unique business model

- High retention, visibility and recurring revenues
- "Retain, expand and land" global blue chip customer base

Significant organic and inorganic growth opportunities





GAAP TO NON-GAAP RECONCILIATION

(\$000)	FY15	FY16	FY17	1Q FY17	1Q FY18
Revenue	\$294,129	\$313,240	\$333,333	\$76,882	\$91,731
Ending deferred revenue	106,516	113,929	139,762	132,466	162,624
Beginning deferred revenue	(103,287)	(106,516)	(113,929)	(113,929)	(139,762)
Billings	\$297,358	\$320,653	359,166	95,419	114,593
	FY15	FY16	FY17	1Q FY17	1Q FY18
Net income (loss)	\$10,931	\$10,163	(\$99,407)	(\$2,188)	\$3,920
Income tax expense (benefit)	818	3,539	62,996	(772)	1,234
Stock-based compensation	597	5,132	47,281	2,869	216
Interest expense	2,416	2,265	2,160	611	16
Interest income and other	(191)	(249)	(2,260)	(85)	(1,255)
Depreciation and amortization	8,378	9,980	11,747	2,474	3,543
Adjusted EBITDA	\$22,949	\$30,830	22,517	2,909	7,674
	FY15	FY16	FY17	1Q FY17	1Q FY18
Net cash provided by operating activities	\$10,838	\$21,385	\$19,090	¹ \$19,202	\$26,689
Capital expenditures	(5,233)	(5,444)	(5,522)	(969)	(1,684)
Free cash flow	\$5,605	\$15,941	13,568	18,233	25,005

 $^{^{\}rm 1}$ Includes a \$3.0mm non-recurring adjustment for R&D tax credit $^{\rm 2}$ Adjusted for Modeliis asset acquisition of \$2.0mm



OPERATING EXPENSE RECONCILIATION

(\$000)	FY15	FY16	FY17	1Q FY17	1Q FY18
Research and development	\$62,777	\$71,325	\$93,234	\$18,770	\$22,703
Less: SBC	(149)	(1,370)	(\$12,540)	(\$775)	(\$47)
Less: Other operating income ¹	(2,576)	(2,742)	(\$4,620) ²	(\$594)	(\$1,039)
Research and development (pre-SBC)	\$60,052	\$67,213	\$76,074	\$17,401	\$21,617
% R&D margin (pre-SBC)	20%	21%	23%	23%	24%
Sales and marketing	63,080	66,086	\$79,958	\$16,910	\$18,977
Less: SBC	(109)	(775)	(\$7,693)	(\$431)	(\$41)
Sales and marketing (pre-SBC)	62,971	65,311	\$72,265	\$16,479	\$18,936
% S&M margin (pre-SBC)	21%	21%	22%	21%	21%
General and administrative	54,069	57,202	\$87,979	\$16,089	\$16,990
Less: SBC	(295)	(2,965)	(\$26,698)	(\$1,658)	(\$120)
Less: Depreciation	(5,754)	(6,658)	(\$6,299)	(\$1,518)	(\$1,603)
General and administrative (pre-SBC)	48,020	47,579	\$54,982	\$12,913	\$15,267
% G&A margin (pre-SBC)	16%	15%	16%	17%	17%



¹ Consists primarily of refundable tax credits associated with certain R&D activities

² Adjusted for non-recurring legal expenses