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# ANSYS ANNOUNCES Q1 2017 FINANCIAL RESULTS: A RECORD FIRST QUARTER REFLECTING DOUBLE-DIGIT GROWTH IN BOOKINGS, REVENUE, EPS AND OPERATING CASH FLOW

# Initiates Q2 2017 Outlook and Raises FY 2017 Outlook

## First Quarter 2017

- GAAP revenue of \$253.4 million and non-GAAP revenue of \$253.5 million
- GAAP diluted earnings per share of \$0.73 and non-GAAP diluted earnings per share of \$0.89
- Operating cash flows of \$125.9 million, a 14% increase over Q1 2016
- GAAP operating profit margin of 33.7% and non-GAAP operating profit margin of 46.4%

### **Other Highlights**

- Deferred revenue and backlog of \$652.6 million at March 31, 2017, an increase of 29% over Q1 2016
- Repurchased 1.0 million shares in the first quarter at an average price of \$100.35 per share

**PITTSBURGH, PA, May 3, 2017/Globe Newswire/** -- ANSYS, Inc. (NASDAQ: ANSS), today reported first quarter 2017 GAAP and non-GAAP revenue growth of 13% in constant currency. Recurring revenue, which is comprised of lease license and annual maintenance revenue, totaled 78% of revenue for the first quarter. The Company also reported 16% growth in diluted earnings per share on both a GAAP and non-GAAP basis.

"Innovative companies rely on ANSYS' industry-leading solutions to tame product complexity and improve time to market. Our strong start to the year demonstrates that customer demand for ANSYS' product portfolio is stronger than ever," said Ajei Gopal, ANSYS President and CEO. "I am delighted to see our focus on sales execution has resulted in substantial year-over-year growth in software license revenues, in double-digit revenue growth in both North America and Asia-Pacific, and in continued solid performance from our channel partners, most notably in China, India, and South Korea. While our European business has shown early signs of revitalization, for example with double-digit growth in France, we still have organizational and go-to-market work ahead of us to get Europe delivering on par with our other geographies. We are committed to investing in our business to capture the exciting long-term opportunities we see ahead." Gopal added.

Maria Shields, ANSYS CFO, stated, "The underlying fundamentals of our business performed above the high end of our expectations as evidenced by our record first quarter revenue, deferred revenue and backlog, and cash flows. Earnings were also very strong for the quarter, growing double digits, and our operating margin was above the high end of our guidance, driven by the over-performance in revenues. We also continued to return capital to our stockholders through the repurchase of one million shares under our recently increased share repurchase plan."

#### **Financial Results**

ANSYS' first quarter 2017 financial results are presented below. The 2017 and 2016 non-GAAP results exclude the income statement effects of acquisition adjustments to deferred revenue, the impact of stock-based compensation, acquisition-related amortization of intangible assets and acquisition-related transaction costs. The 2017 first quarter non-GAAP results also exclude restructuring charges.

As previously announced on our February earnings call, we implemented a workforce realignment that began in the fourth quarter of 2016 and that is intended to accelerate the shift of investments toward preferred strategic initiatives and higher growth opportunities. These actions resulted in GAAP restructuring charges of \$9.3 million (\$6.2 million, net of tax) in the first quarter related to one-time severance benefits and other costs related to the realignment. We expect to incur additional charges of \$2.0 - \$4.0 million, or \$1.3 - \$2.8 million, net of tax, primarily during the second quarter of 2017.

GAAP Non-GAAP % % (in millions, except percentages and per share data) Q1 2017 Q1 2016 Q1 2017 Q1 2016 Change Change \$ 225.9 12% \$ 253.5 Revenue \$ 253.4 \$ 226.0 12% Net income 63.3 \$ 56.5 12% \$ 77.5 \$ 69.4 12% \$ Earnings per share \$ 0.73 \$ 0.63 16% \$ 0.89 \$ 0.77 16% Operating profit margin 33.7% 37.6% 46.4% 46.4% Operating cash flow \$ 125.9 \$ 110.7 14%

GAAP and non-GAAP results reflect:

The non-GAAP financial results highlighted above, and the non-GAAP financial outlook for 2017 discussed below, represent non-GAAP financial measures. Reconciliations of these measures to the appropriate GAAP measures, for the three months ended March 31, 2017 and 2016, and for the 2017 financial outlook, are included in the condensed financial information included in this release.

### 2017 Financial Outlook

The Company's first quarter and fiscal year 2017 revenue and earnings per share guidance is provided below. The Company last provided its guidance on February 23, 2017. The previously provided fiscal year 2017 guidance has been updated to reflect the Company's first quarter performance, as well as adjustments to operational and economic expectations for the remainder of the year. The revenue and earnings per share guidance is provided on both a GAAP and a non-GAAP basis. Non-GAAP financial measures exclude the income statement effects of acquisition accounting adjustments to deferred revenue, stock-based compensation expense, acquisition-related amortization of intangible assets, restructuring charges and acquisition-related transaction expenses.

#### Second Quarter 2017 Guidance

The Company currently expects the following for the quarter ending June 30, 2017:

- GAAP revenue in the range of \$253.6 \$262.6 million
- Non-GAAP revenue in the range of \$254.0 \$263.0 million
- GAAP diluted earnings per share of \$0.66 \$0.76
- Non-GAAP diluted earnings per share of \$0.88 \$0.93

#### Fiscal Year 2017 Guidance

The Company currently expects the following for the fiscal year ending December 31, 2017:

- GAAP revenue in the range of \$1.029 \$1.057 billion
- Non-GAAP revenue in the range of \$1.030 \$1.058 billion

- GAAP diluted earnings per share of \$2.91 \$3.17
- Non-GAAP diluted earnings per share of \$3.68 \$3.85

#### **Conference Call Information**

ANSYS will hold a conference call at **8:30 a.m. Eastern Time** on May 4, 2017 to discuss first quarter results. The Company will provide its prepared remarks on the Company's investor relations homepage and as an exhibit in its Form 8-K in advance of the call to provide shareholders and analysts with additional time and detail for analyzing its results in preparation for the conference call. The prepared remarks will not be read on the call - only brief remarks will be made prior to the Q&A session.

To participate in the live conference call, dial 855-239-2942 (US) or 412-542-4124 (Canada & Int'l). The call will be recorded and a replay will be available approximately one hour after the call ends. The replay will be available for 10 days by dialing (877) 344-7529 (US), (855) 669-9658 (Canada) or (412) 317-0088 (Int'l) and entering the passcode 10105133. The archived webcast can be accessed, along with other financial information, on ANSYS' website at <a href="http://investors.ansys.com/events-and-presentations/events.aspx">http://investors.ansys.com/events-and-presentations/events.aspx</a>.

# ANSYS, INC. AND SUBSIDIARIES

#### **Condensed Consolidated Balance Sheets**

in thousands) March 3		nrch 31, 2017	December 31, 201		
ASSETS:					
Cash & short-term investments	\$	866,556	\$	822,860	
Accounts receivable, net		92,332		107,192	
Goodwill		1,340,391		1,337,215	
Other intangibles, net		164,112		172,619	
Other assets		331,302		360,640	
Total assets	\$	2,794,693	\$	2,800,526	
LIABILITIES & STOCKHOLDERS' EQUITY:					
Deferred revenue	\$	414,708	\$	403,279	
Other liabilities		168,540		188,842	
Stockholders' equity		2,211,445		2,208,405	
Total liabilities & stockholders' equity	\$	2,794,693	\$	2,800,526	

#### (Unaudited)

# ANSYS, INC. AND SUBSIDIARIES Condensed Consolidated Statements of Income (Unaudited)

March 31, 2017     March 31, 2017     March 31, 2017       Revenue:     Software licenses     \$ 141,908     \$ 126,051       Maintenance and service     111,497     99,855       Total revenue     253,405     225,906       Cost of sales:     Software licenses     9,277     6,738       Software licenses     9,277     6,738     Amortization     8,936     9,511       Maintenance and service     18,818     19,036     37,031     35,285       Gross profit     216,374     190,621     Operating expenses:     216,374     190,621       Operating expenses:     Selling, general and administrative     73,417     57,769     Research and development     54,378     44,672       Amortization     3,107     3,158     130,902     105,599       Operating expenses     130,902     105,599     202,201     20,202       Interest income     1,249     950     950     101,154)     (194)       Income tax provision     22,261     23,300     \$ 5,6478     85,778       Income tax provision     22,261 <th></th> <th>Three Mo</th> <th>onths Ended</th>		Three Mo	onths Ended
Revenue:     Software licenses     \$ 141,908     \$ 126,051       Maintenance and service     111,497     99,855     Total revenue     253,405     225,906       Cost of sales:     Software licenses     9,277     6,738     Amortization     8,936     9,511       Maintenance and service     18,818     19,036     37,031     35,285       Gross profit     216,374     190,621      37,031     35,285       Gross profit     216,374     190,621       3,107     3,158       Total operating expenses:     Selling, general and administrative     73,417     57,769       85,472     85,022       Interest expense     130,902     105,599	(in thousands, except per share data)		,
Maintenance and service     111,497     99,855       Total revenue     253,405     225,906       Cost of sales:     9,277     6,738       Software licenses     9,277     6,738       Amortization     8,936     9,511       Maintenance and service     18,818     19,036       Total cost of sales     37,031     35,285       Gross profit     216,374     190,621       Operating expenses:     3107     3,158       Selling, general and administrative     73,417     57,769       Research and development     54,378     44,672       Amortization     3,107     3,158       Total operating expenses     130,902     105,599       Operating income     85,472     85,022       Interest expense     1     (1,154)     (194)       Income before income tax provision     85,567     85,778       Income tax provision     22,261     29,310       Net income     \$ 63,306     \$ 56,668       Earnings per share – basic:     Earnings per share – basic:     85,456     88,114 <	Revenue:	i	
Total revenue     253,405     225,906       Cost of sales:     9,277     6,738       Amortization     8,936     9,511       Maintenance and service     18,818     19,036       Total cost of sales     37,031     35,285       Gross profit     216,374     190,621       Operating expenses:     31,017     57,769       Research and development     54,378     44,672       Amortization     3,107     3,158       Total operating expenses     130,902     105,599       Operating income     85,472     85,022       Interest expense     1,249     950       Other expense, net     (1,154)     (194)       Income before income tax provision     82,567     85,778       Income tax provision     22,261     29,310       Net income     \$ 63,306 \$ 56,668     56,668       Earnings per share – basic:     2     2,74     0.64       Weighted average shares     85,456     88,114       Earnings per share – diluted:     85,456     88,114       Earnings per share –	Software licenses	\$ 141,908	\$ 126,051
Cost of sales:     9,277     6,738       Software licenses     9,277     6,738       Amortization     8,936     9,511       Maintenance and service     18,818     19,036       Total cost of sales     37,031     35,285       Gross profit     216,374     190,621       Operating expenses:     73,417     57,769       Research and development     54,378     44,672       Amortization     3,107     3,158       Total operating expenses     130,902     105,599       Operating income     85,472     85,022       Interest expense     1,249     950       Other expense, net     (1,154)     (194)       Income before income tax provision     85,567     85,778       Income tax provision     22,221     29,310       Net income     \$     63,306     \$       Earnings per share     \$     0,74     \$       Weighted average shares     85,456     88,114       Earnings per share     \$     0,73     \$	Maintenance and service	111,497	99,855
Software licenses $9,277$ $6,738$ Amortization $8,936$ $9,511$ Maintenance and service $18,818$ $19,036$ Total cost of sales $37,031$ $35,285$ Gross profit $216,374$ $190,621$ Operating expenses: $216,374$ $190,621$ Selling, general and administrative $73,417$ $57,769$ Research and development $54,378$ $44,672$ Amortization $3,107$ $3,158$ Total operating expenses $130,902$ $105,599$ Operating income $85,472$ $85,022$ Interest expense $1,249$ $950$ Other expense, net $(1,154)$ $(194)$ Income before income tax provision $85,567$ $85,778$ Income tax provision $22,261$ $29,310$ Net income§ $63,306$ \$ $56,468$ Earnings per share§ $0.74$ §Weighted average shares $85,456$ $88,114$ Earnings per share – diluted: $80,73$ \$Earnings per share§ $0.73$ \$Other expense hare $80,73$ \$ $0.63$	Total revenue	253,405	225,906
Amortization   8,936   9,511     Maintenance and service   18,818   19,036     Total cost of sales   37,031   35,285     Gross profit   216,374   190,621     Operating expenses:   73,417   57,769     Research and development   54,378   44,672     Amortization   3,107   3,158     Total operating expenses   130,902   105,599     Operating income   85,472   85,022     Interest expense   (1,154)   (194)     Income before income tax provision   85,567   85,778     Income tax provision   22,261   29,310     Net income   \$ 63,306   \$ 56,468     Earnings per share   \$ 0,74   \$ 0,64     Weighted average shares   85,456   88,114     Earnings per share   \$ 0,73   \$ 0,63	Cost of sales:		
Maintenance and service   18,818   19,036     Total cost of sales   37,031   35,285     Gross profit   216,374   190,621     Operating expenses:   73,417   57,769     Research and development   54,378   44,672     Amortization   3,107   3,158     Total operating expenses   130,902   105,599     Operating income   85,472   85,022     Interest expense   1,249   950     Other expense, net   (1,154)   (194)     Income before income tax provision   85,567   85,778     Income tax provision   22,261   29,310     Net income   \$   63,306   \$     Earnings per share   \$   0.74   \$   0.64     Weighted average shares   \$   0.73   \$   0.63	Software licenses	9,277	6,738
Total cost of sales $37,031$ $35,285$ Gross profit $216,374$ $190,621$ Operating expenses: $73,417$ $57,769$ Research and development $54,378$ $44,672$ Amortization $3,107$ $3,158$ Total operating expenses $130,902$ $105,599$ Operating income $85,472$ $85,022$ Interest expense $1,249$ $950$ Other expense, net $(1,154)$ $(194)$ Income before income tax provision $85,567$ $85,778$ Income tax provision $85,667$ $85,778$ Income tax provision $85,667$ $85,778$ Income before share – basic: $22,261$ $29,310$ Net income $$0.74$ $$0.64$ Weighted average shares $$0.74$ $$0.64$ Earnings per share – diluted: $$0.73$ $$0.63$ Earnings per share $$0.73$ $$0.63$	Amortization	8,936	9,511
Gross profit $216,374$ $190,621$ Operating expenses: Selling, general and administrative $73,417$ $57,769$ Research and development $54,378$ $44,672$ Amortization $3,107$ $3,158$ Total operating expenses $130,902$ $105,599$ Operating income $85,472$ $85,022$ Interest expense $1,249$ $950$ Other expense, net $(1,154)$ $(194)$ Income before income tax provision $85,567$ $85,778$ Income tax provision $22,261$ $29,310$ Net income\$ $63,306$ \$ $56,468$ Earnings per share - basic: Earnings per share - basic: Earnings per share - diluted: Earnings per share - diluted: Earnings per share\$ $0.73$ \$ $0.63$ Earnings per share\$ $0.73$ \$ $0.63$ $0.63$	Maintenance and service	18,818	19,036
Operating expenses: Selling, general and administrative $73,417$ $57,769$ Research and development $54,378$ $44,672$ Amortization $3,107$ $3,158$ Total operating expenses $130,902$ $105,599$ Operating income $85,472$ $85,022$ Interest expense $1,249$ $950$ Other expense, net $(1,154)$ $(194)$ Income before income tax provision $85,567$ $85,778$ Income tax provision $22,261$ $29,310$ Net income§ $63,306$ §Earnings per share $956$ $88,114$ Earnings per share $85,456$ $88,114$ Earnings per share $$0.73$ § $0.63$	Total cost of sales	37,031	35,285
Selling, general and administrative   73,417   57,769     Research and development   54,378   44,672     Amortization   3,107   3,158     Total operating expenses   130,902   105,599     Operating income   85,472   85,022     Interest expense   1,249   950     Other expense, net   (1,154)   (194)     Income before income tax provision   85,567   85,778     Income tax provision   22,261   29,310     Net income   \$ 63,306   \$ 56,468     Earnings per share – basic:   \$ 0.74   \$ 0.64     Weighted average shares   \$ 0.74   \$ 0.64     Earnings per share – diluted:   \$ 0.73   \$ 0.63	Gross profit	216,374	190,621
Research and development   54,378   44,672     Amortization   3,107   3,158     Total operating expenses   130,902   105,599     Operating income   85,472   85,022     Interest expense   1,249   950     Other expense, net   (1,154)   (194)     Income before income tax provision   85,567   85,778     Income tax provision   22,261   29,310     Net income   \$ 63,306   \$ 56,468     Earnings per share – basic:   \$ 0.74   0.64     Weighted average shares   \$ 0.74   \$ 0.64     Earnings per share – diluted:   \$ 0.73   \$ 0.63	Operating expenses:		
Amortization   3,107   3,158     Total operating expenses   130,902   105,599     Operating income   85,472   85,022     Interest expense   1,249   950     Other expense, net   (1,154)   (194)     Income before income tax provision   85,567   85,778     Income tax provision   22,261   29,310     Net income   \$   63,306   \$     Earnings per share – basic:   \$   0.74   \$   0.64     Weighted average shares   \$   85,456   88,114     Earnings per share – diluted:   \$   0.73   \$   0.63	Selling, general and administrative	73,417	57,769
Total operating expenses $130,902$ $105,599$ Operating income $85,472$ $85,022$ Interest expense $1,249$ $950$ Other expense, net $(1,154)$ $(194)$ Income before income tax provision $85,567$ $85,778$ Income tax provision $22,261$ $29,310$ Net income $$63,306$ $$56,468$ Earnings per share – basic: $85,456$ $88,114$ Earnings per share – diluted: $85,456$ $88,114$ Earnings per share – diluted: $$0.73$ $$0.63$	Research and development	54,378	44,672
Operating income     85,472     85,022       Interest expense     1,249     950       Other expense, net     (1,154)     (194)       Income before income tax provision     85,567     85,778       Income tax provision     22,261     29,310       Net income     \$ 63,306     \$ 56,468       Earnings per share – basic:     \$ 0.74     \$ 0.64       Weighted average shares     \$ 85,456     88,114       Earnings per share – diluted:     \$ 0.73     \$ 0.63	Amortization	3,107	3,158
Interest expenseInterest income1,249950Other expense, net(1,154)Income before income tax provision85,56785,778Income tax provision22,26129,310Net income\$ 63,306Earnings per share – basic:Earnings per share\$ 0.74Weighted average sharesEarnings per share – diluted:Earnings per share\$ 0.73\$ 0.73\$ 0.63	Total operating expenses	130,902	105,599
Interest income   1,249   950     Other expense, net   (1,154)   (194)     Income before income tax provision   85,567   85,778     Income tax provision   22,261   29,310     Net income   \$ 63,306   \$ 56,468     Earnings per share – basic:   5   85,456     Veighted average shares   85,456   88,114     Earnings per share – diluted:   5   0.73     Earnings per share   \$ 0.73   0.63	Operating income	85,472	85,022
Other expense, net $(1,154)$ $(194)$ Income before income tax provision $85,567$ $85,778$ Income tax provision $22,261$ $29,310$ Net income\$ 63,306 \$ 56,468Earnings per share – basic: Earnings per share $85,456$ $88,114$ Weighted average shares $85,456$ $88,114$ Earnings per share – diluted: Earnings per share $9,73$ $0.63$	Interest expense		
Income before income tax provision85,56785,778Income tax provision22,26129,310Net income\$ 63,306\$ 56,468Earnings per share – basic: Earnings per share\$ 0.74\$ 0.64Weighted average shares85,45688,114Earnings per share – diluted: Earnings per share\$ 0.73\$ 0.63	Interest income	1,249	950
Income tax provision $22,261$ $29,310$ Net income\$ $63,306$ \$ $56,468$ Earnings per share – basic: Earnings per share\$ $0.74$ \$ $0.64$ Weighted average shares $85,456$ $88,114$ Earnings per share – diluted: Earnings per share\$ $0.73$ \$ $0.63$	Other expense, net	(1,154	) (194)
Net income\$63,306\$56,468Earnings per share – basic: Earnings per share\$0.74\$0.64Weighted average shares85,45688,114Earnings per share – diluted: Earnings per share\$0.73\$0.63	Income before income tax provision	85,567	85,778
Earnings per share – basic: Earnings per share\$ 0.74 \$ 0.64Weighted average shares\$ 85,456 88,114Earnings per share – diluted: Earnings per share\$ 0.73 \$ 0.63	Income tax provision	22,261	29,310
Earnings per share\$0.74\$0.64Weighted average shares85,45688,114Earnings per share – diluted: Earnings per share\$0.73\$0.63	Net income	\$ 63,306	\$ 56,468
Weighted average shares85,45688,114Earnings per share – diluted: Earnings per share\$ 0.73\$ 0.63	Earnings per share – basic:		
Earnings per share – diluted: Earnings per share\$ 0.73 \$ 0.63	Earnings per share	\$ 0.74	\$ 0.64
Earnings per share     \$ 0.73     \$ 0.63	Weighted average shares	85,456	88,114
	Earnings per share – diluted:		
Weighted average shares87,22490,084	Earnings per share	\$ 0.73	\$ 0.63
	Weighted average shares	87,224	90,084

## ANSYS, INC. AND SUBSIDIARIES Reconciliation of Non-GAAP Measures (Unaudited)

	Three Months Ended													
	March 31, 2017					March 31, 2016								
(in thousands, except percentages and per share data)	I	As Reported	A	Adjustments	_		Non- GAAP Results		As Reported		Adjustments			Non- GAAP Results
Total revenue	\$	253,405	\$	143	(1)	\$	253,548	\$	225,906	\$	103	(4)	\$	226,009
Operating income		85,472		32,111	(2)		117,583		85,022		19,850	(5)		104,872
Operating profit margin		33.7%					46.4%		37.6%					46.4%
Net income	\$	63,306	\$	14,183	(3)	\$	77,489	\$	56,468	\$	12,965	(6)	\$	69,433
Earnings per share – diluted:														
Earnings per share	\$	0.73				\$	0.89	\$	0.63				\$	0.77
Weighted average shares		87,224					87,224		90,084					90,084

(1) Amount represents the revenue not reported during the period as a result of the acquisition accounting adjustment associated with the accounting for deferred revenue in business combinations.

(2) Amount represents \$12.0 million of amortization expense associated with intangible assets acquired in business combinations, \$10.5 million of stock-based compensation expense, \$9.3 million of restructuring charges, \$0.1 million of transaction expenses related to business combinations and the \$0.1 million adjustment to revenue as reflected in (1) above.

- (3) Amount represents the impact of the adjustments to operating income referred to in (2) above, adjusted for the related income tax impact of \$17.9 million.
- (4) Amount represents the revenue not reported during the period as a result of the acquisition accounting adjustment associated with the accounting for deferred revenue in business combinations.
- (5) Amount represents \$12.7 million of amortization expense associated with intangible assets acquired in business combinations, \$7.1 million of stock-based compensation expense and the \$0.1 million adjustment to revenue as reflected in (4) above.
- (6) Amount represents the impact of the adjustments to operating income referred to in (5) above, adjusted for the related income tax impact of \$6.9 million.

# ANSYS, INC. AND SUBSIDIARIES Reconciliation of Forward-Looking Guidance Quarter Ending June 30, 2017

	Earnings Per Share Range - Diluted
U.S. GAAP expectation	\$0.66 - \$0.76
Adjustment to exclude acquisition-related amortization	\$0.09 - \$0.10
Adjustment to exclude stock-based compensation	\$0.07 - \$0.09
Adjustment to exclude restructuring charges	\$0.01 - \$0.03
Non-GAAP expectation	\$0.88 - \$0.93

## ANSYS, INC. AND SUBSIDIARIES Reconciliation of Forward-Looking Guidance Year Ending December 31, 2017

	Earnings Per Share Range - Diluted
U.S. GAAP expectation	\$2.91 - \$3.17
Adjustment to exclude acquisition adjustments to deferred revenue	\$0.01
Adjustment to exclude acquisition-related amortization	\$0.35 - \$0.37
Adjustment to exclude stock-based compensation	\$0.24 - \$0.28
Adjustment to exclude restructuring charges	\$0.08 - \$0.11
Non-GAAP expectation	\$3.68 - \$3.85

#### Use of Non-GAAP Measures

The Company provides non-GAAP revenue, non-GAAP operating income, non-GAAP operating profit margin, non-GAAP net income and non-GAAP diluted earnings per share as supplemental measures to GAAP regarding the Company's operational performance. These financial measures exclude the impact of certain items and, therefore, have not been calculated in accordance with GAAP. A detailed explanation and of each of the adjustments to such financial measures is described below. This press release also contains a reconciliation of each of these non-GAAP financial measures to its most comparable GAAP financial measure.

Management uses non-GAAP financial measures (a) to evaluate the Company's historical and prospective financial performance as well as its performance relative to its competitors, (b) to set internal sales targets and spending budgets, (c) to allocate resources, (d) to measure operational profitability and the accuracy of forecasting, (e) to assess financial discipline over operational expenditures and (f) as an important factor in determining variable compensation for management and its employees. In addition, many financial analysts that follow the Company focus on and publish both historical results and future projections based on non-GAAP financial measures. The Company believes that it is in the best interest of its investors to provide this information to analysts so that they accurately report the non-GAAP financial information. Moreover, investors have historically requested and the Company has historically reported these non-GAAP financial measures as a means of providing consistent and comparable information with past reports of financial results.

While management believes that these non-GAAP financial measures provide useful supplemental information to investors, there are limitations associated with the use of these non-GAAP financial measures. These non-GAAP financial measures are not prepared in accordance with GAAP, are not reported by all of the Company's competitors and may not be directly comparable to similarly titled measures of the Company's competitors due to potential differences in the exact method of calculation. The Company compensates for these limitations by using

these non-GAAP financial measures as supplements to GAAP financial measures and by reviewing the reconciliations of the non-GAAP financial measures to their most comparable GAAP financial measures.

The adjustments to these non-GAAP financial measures, and the basis for such adjustments, are outlined below:

Acquisition accounting for deferred revenue and its related tax impact. Historically, the Company has consummated acquisitions in order to support its strategic and other business objectives. In accordance with the fair value provisions applicable to the accounting for business combinations, acquired deferred revenue is often recorded on the opening balance sheet at an amount that is lower than the historical carrying value. Although this acquisition accounting requirement has no impact on the Company's business or cash flow, it adversely impacts the Company's reported GAAP revenue in the reporting periods following an acquisition. In order to provide investors with financial information that facilitates comparison of both historical and future results, the Company provides non-GAAP financial measures which exclude the impact of the acquisition accounting adjustment. The Company believes that this non-GAAP financial adjustment is useful to investors because it allows investors to (a) evaluate the effectiveness of the methodology and information used by management in its financial and operational decision-making, and (b) compare past and future reports of financial results of the Company as the revenue reduction related to acquired deferred revenue will not recur when related annual lease licenses and software maintenance contracts are renewed in future periods.

**Amortization of intangible assets from acquisitions and its related tax impact.** The Company incurs amortization of intangible assets, included in its GAAP presentation of amortization expense, related to various acquisitions it has made. Management excludes these expenses and their related tax impact for the purpose of calculating non-GAAP operating income, non-GAAP operating profit margin, non-GAAP net income and non-GAAP diluted earnings per share when it evaluates the continuing operational performance of the Company because these costs are fixed at the time of an acquisition, are then amortized over a period of several years after the acquisition and generally cannot be changed or influenced by management after the acquisition. Accordingly, management does not consider these expenses for purposes of evaluating the performance of the Company during the applicable time period after the acquisition, and it excludes such expenses when making decisions to allocate resources. The Company believes that these non-GAAP financial measures are useful to investors because they allow investors to (a) evaluate the effectiveness of the methodology and information used by management in its financial and operational decision-making, and (b) compare past reports of financial results of the Company as the Company has historically reported these non-GAAP financial measures.

Stock-based compensation expense and its related tax impact. The Company incurs expense related to stockbased compensation included in its GAAP presentation of cost of software licenses; cost of maintenance and service; research and development expense; and selling, general and administrative expense. Stock-based compensation (benefit) incurred in connection with the Company's deferred compensation plan held in a rabbi trust includes an offsetting benefit (charge) recorded in other income (expense). Although stock-based compensation is an expense of the Company and viewed as a form of compensation, management excludes these expenses for the purpose of calculating non-GAAP operating income, non-GAAP operating profit margin, non-GAAP net income and non-GAAP diluted earnings per share when it evaluates the continuing operational performance of the Company. Management similarly excludes income (expense) related to assets held in a rabbi trust in connection with the Company's deferred compensation plan. Specifically, the Company excludes stock-based compensation and income related to assets held in the deferred compensation plan rabbi trust during its annual budgeting process and its guarterly and annual assessments of the Company's and management's performance. The annual budgeting process is the primary mechanism whereby the Company allocates resources to various initiatives and operational requirements. Additionally, the annual review by the board of directors during which it compares the Company's historical business model and profitability to the planned business model and profitability for the forthcoming year excludes the impact of stock-based compensation. In evaluating the performance of senior management and department managers, charges related to stock-based compensation are excluded from expenditure and profitability results. In fact, the Company records stock-based compensation expense into a stand-alone cost center for which no single operational manager is responsible or accountable. In this way, management is able to review,

on a period-to-period basis, each manager's performance and assess financial discipline over operational expenditures without the effect of stock-based compensation. The Company believes that these non-GAAP financial measures are useful to investors because they allow investors to (a) evaluate the Company's operating results and the effectiveness of the methodology used by management to review the Company's operating results, and (b) review historical comparability in the Company's financial reporting as well as comparability with competitors' operating results.

**Restructuring charges and the related tax impact.** The Company occasionally incurs expenses for restructuring its workforce included in its GAAP presentation of cost of software licenses; cost of maintenance and service; research and development expense; and selling, general and administrative expense. Management excludes these expenses for the purpose of calculating non-GAAP operating income, non-GAAP operating profit margin, non-GAAP net income and non-GAAP diluted earnings per share when it evaluates the continuing operational performance of the Company, as it generally generally does not incur these expenses as a part of its operations. The Company believes that these non-GAAP financial measures are useful to investors because they allow investors to (a) evaluate the Company's operating results and the effectiveness of the methodology used by management to review the Company's operating results, and (b) review historical comparability in the Company's financial reporting as well as comparability with competitors' operating results.

**Transaction costs related to business combinations.** The Company incurs expenses for professional services rendered in connection with business combinations, which are included in its GAAP presentation of selling, general and administrative expense. These expenses are generally not tax-deductible. Management excludes these acquisition-related transaction expenses for the purpose of calculating non-GAAP operating income, non-GAAP operating profit margin, non-GAAP net income and non-GAAP diluted earnings per share when it evaluates the continuing operational performance of the Company, as it generally would not have otherwise incurred these expenses in the periods presented as a part of its operations. The Company believes that these non-GAAP financial measures are useful to investors because they allow investors to (a) evaluate the Company's operating results, and (b) review historical comparability in the Company's financial reporting as well as comparability with competitors' operating results.

Non-GAAP financial measures are not in accordance with, or an alternative for, GAAP. The Company's non-GAAP financial measures are not meant to be considered in isolation or as a substitute for comparable GAAP financial measures, and should be read only in conjunction with the Company's consolidated financial statements prepared in accordance with GAAP.

The Company has provided a reconciliation of the non-GAAP financial measures to the most directly comparable GAAP financial measures as listed below:

#### **GAAP Reporting Measure**

Revenue Operating Income Operating Profit Margin Net Income Diluted Earnings Per Share

#### Non-GAAP Reporting Measure

Non-GAAP Revenue Non-GAAP Operating Income Non-GAAP Operating Profit Margin Non-GAAP Net Income Non-GAAP Diluted Earnings Per Share

#### About ANSYS, Inc.

If you've ever seen a rocket launch, flown on an airplane, driven a car, used a computer, touched a mobile device, crossed a bridge, or put on wearable technology, chances are you've used a product where ANSYS software played a critical role in its creation. ANSYS is the global leader in engineering simulation. We help the world's most innovative companies deliver radically better products to their customers. By offering the best and broadest portfolio of engineering simulation software, we help them solve the most complex design challenges and create products limited only by imagination. Founded in 1970, ANSYS employs thousands of professionals, many of whom are

expert M.S. and Ph.D.-level engineers in finite element analysis, computational fluid dynamics, electronics, semiconductors, embedded software and design optimization. Headquartered south of Pittsburgh, Pennsylvania, U.S.A., ANSYS has more than 75 strategic sales locations throughout the world with a network of channel partners in 40+ countries. To join the simulation conversation, please visit: <a href="https://www.ansys.com/Social@ANSYS">www.ansys.com/Social@ANSYS</a>.

#### **Forward Looking Information**

Certain statements contained in this press release regarding matters that are not historical facts, including, but not limited to, statements regarding our projections for revenue and earnings per share for the second guarter of 2017. fiscal year 2017 (both GAAP and non-GAAP to exclude acquisition accounting adjustments to deferred revenue, acquisition-related amortization, stock-based compensation expense, acquisition-related transaction costs and, restructuring charges and related tax impacts); statements about management's views concerning the Company's prospects and outlook for 2017, including statements and projections relating to the impact of stock-based compensation, statements regarding management's use of non-GAAP financial measures, statements regarding the Company's workforce realignment and its intended impacts, the expected timing of recording additional restructuring charges, and statements regarding the debt and breadth of our simulation capabilities or our ability to empower our customers to bring the next generation of products to the market, statements regarding the demand for ANSYS' product portfolio, and statements regarding our focus on improved sales execution are "forward-looking" statements (as defined in the Private Securities Litigation Reform Act of 1995). Because such statements are subject to risks and uncertainties, actual results may differ materially from those expressed or implied by such forward-looking statements. All forward-looking statements in this press release are subject to risks and uncertainties including, but not limited to, the risk that adverse conditions in the global and domestic markets will significantly affect ANSYS' customers' ability to purchase products from the Company at the same level as prior periods or to pay for the Company's products and services, the risk that declines in the ANSYS' customers' business may lengthen customer sales cycles, the risk of declines in the economy of one or more of ANSYS' primary geographic regions, the risk that ANSYS' revenues and operating results will be adversely affected by changes in currency exchange rates or economic declines in any of the countries in which ANSYS conducts transactions, the risk that the assumptions underlying ANSYS' anticipated revenues and expenditures will change or prove inaccurate, the risk that ANSYS has overestimated its ability to maintain growth and profitability and control costs, uncertainties regarding the demand for ANSYS' products and services in future periods, uncertainties regarding customer acceptance of new products, the risk of ANSYS' products future compliance with industry quality standards and its potential impact on the Company's financial results, the risk that the Company may need to change its pricing models due to competition and its potential impact on the Company's financial results, the risk that ANSYS' operating results will be adversely affected by possible delays in developing, completing or shipping new or enhanced products, the risk that enhancements to the Company's products or products acquired in acquisitions may not produce anticipated sales, the risk that the Company may not be able to recruit and retain key executives and technical personnel, the risk that third parties may misappropriate the Company's proprietary technology or develop similar technology independently, the risk of unauthorized access to and distribution of the Company's source code, the risk of the Company's implementation of its new IT systems, the risk of difficulties in the relationship with ANSYS' independent regional channel partners, the risk of ANSYS' reliance on perpetual licenses and the result that any change in customer licensing behavior may have on the Company's financial results, the risk that ANSYS may not achieve the anticipated benefits of its acquisitions or that the integration of the acquired technologies or products with the Company's existing product lines may not be successful, the risk of perioding reorganizations and changes within ANSYS' sales organization, the risk of industry consolidation and the impact it may have on customer purchasing decisions, and other factors that are detailed from time to time in reports filed by ANSYS, Inc. with the Securities and Exchange Commission, including ANSYS, Inc.'s 2016 Annual Report and Form 10-K. We undertake no obligation to publicly update or revise any forward-looking statements, whether changes occur as a result of new information or future events, after the date they were made.

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Beginning June 16, 2017, ANSYS will observe a Quiet Period during which the business outlook as provided in this press release and the most recent Annual Report on Form 10-K and Quarterly Report on Form 10-Q no longer constitute the Company's current expectations. During the Quiet Period, the business outlook in these documents should be considered historical, speaking as of prior to the Quiet Period only and not subject to any update by the Company. During the Quiet Period, ANSYS' representatives will not comment on ANSYS' business outlook, financial results or expectations. The Quiet Period will extend until the day when ANSYS' second quarter 2017 earnings release is published, which is currently scheduled for August 3, 2017.

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