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Aspen Technology Announces Financial Results for the Third Quarter of Fiscal 2021

Bedford, Mass. – April 28, 2021 - Aspen Technology, Inc. (NASDAQ: AZPN), a global leader in asset optimization software, today announced financial results for its third quarter of fiscal year 2021 ended March 31, 2021.

"AspenTech's third quarter performance was highlighted by strong free cash flow generation and demand activity in each of our core end-markets that was at or above pre-pandemic levels," said Antonio Pietri, President and Chief Executive Officer of Aspen Technology. "At the same time, the continued uncertainty in the global macro environment due to COVID, coupled with the significant and costly disruptions in the energy and chemicals markets related to the winter storm in the US during the quarter, made it more challenging to close transactions than we expected."

Pietri continued, "Our high levels of engagement with customers regarding AspenTech's critical role in their long-term digitalization and sustainability initiatives give us confidence that we will drive faster growth as market conditions normalize."

Third Quarter Fiscal Year 2021 Recent Business Highlights

• Annual spend, which the company defines as the annualized value of all term license and maintenance contracts at the end of the quarter, was \$609.9 million at the end of the third quarter of fiscal 2021, which increased 6.0% compared to the third quarter of fiscal 2020 and 1.0% sequentially.

Summary of Third Quarter Fiscal Year 2021 Financial Results

AspenTech's total revenue of \$162.7 million included:

- **License revenue**, which represents the portion of a term license agreement allocated to the initial license, was \$110.1 million in the third quarter of fiscal 2021, compared to \$78.2 million in the third quarter of fiscal 2020.
- Maintenance revenue, which represents the portion of the term license agreement related to on-going support and the right to future product enhancements, was \$45.9 million in the third quarter of fiscal 2021, compared to \$44.2 million in the third quarter of fiscal 2020.
- Services and other revenue was \$6.7 million in the third quarter of fiscal 2021, compared to \$8.2 million in the third quarter of fiscal 2020.

For the quarter ended March 31, 2021, AspenTech reported income from operations of \$68.9 million, compared to income from operations of \$44.7 million for the quarter ended March 31, 2020.

Net income was \$62.5 million for the quarter ended March 31, 2021, leading to net income per share of \$0.91, compared to net income per share of \$0.61 in the same period last fiscal year.

Non-GAAP income from operations, was \$80.9 million for the third quarter of fiscal 2021, compared to non-GAAP income from operations of \$53.9 million in the same period last fiscal year. Non-GAAP net income was \$72.0 million, or \$1.05 per share, for the third quarter of fiscal 2021, compared to non-GAAP net income of \$49.1 million, or \$0.72 per share, in the same period last fiscal year. These non-GAAP results add back the impact of stock-based compensation expense, amortization of intangibles and acquisition-related fees. A reconciliation of GAAP to non-GAAP results is presented in the financial tables included in this press release.

AspenTech had cash and cash equivalents of \$317.1 million and total borrowings, net of debt issuance costs, of \$297.0 million at March 31, 2021.

During the third quarter, the company generated \$98.7 million in cash flow from operations and \$100.0 million in free cash flow. Free cash flow is calculated as net cash provided by operating activities adjusted for the net impact of: purchases of property, equipment and leasehold improvements; payments for capitalized computer software development costs, and other nonrecurring items, such as acquisition-related payments.

Business Outlook

Based on information as of today, April 28, 2021, Aspen Technology is issuing the following guidance for fiscal year 2021:

- Annual spend growth of 4-5.5% year-over-year
- Free cash flow of \$265 to \$275 million
- Total bookings of \$771 to \$809 million
- Total revenue of \$705 to \$729 million
- GAAP total expense of \$355 to \$360 million
- Non-GAAP total expense of \$310 to \$315 million
- GAAP operating income of \$350 to \$369 million
- Non-GAAP operating income of \$395 to \$415 million
- GAAP net income of \$306 to \$321 million
- Non-GAAP net income of \$341 to \$357 million
- GAAP net income per share of \$4.46 to \$4.70
- Non-GAAP net income per share of \$4.98 to \$5.22

These statements are forward-looking and actual results may differ materially. Refer to the Forward-Looking Statements safe harbor below for information on the factors that could cause our actual results to differ materially from these forward-looking statements.

AspenTech has not reconciled its expectations as to forward-looking non-GAAP total expense, non-GAAP operating income, non-GAAP net income and non-GAAP net income per share to their most directly comparable GAAP measure because certain items are out of AspenTech's control or cannot be reasonably predicted. Accordingly, a reconciliation for forward-looking non-GAAP total expense, non-GAAP operating income, non-GAAP net income and non-GAAP net income per share is not available without unreasonable effort.

Use of Non-GAAP Financial Measures

This press release contains "non-GAAP financial measures" under the rules of the U.S. Securities and Exchange Commission. Non-GAAP financial measures are not based on a comprehensive set of accounting rules or principles. This non-GAAP information supplements, and is not intended to represent a measure of performance in accordance with, disclosures required by

generally accepted accounting principles, or GAAP. Non-GAAP financial measures should be considered in addition to, not as a substitute for or superior to, financial measures determined in accordance with GAAP. A reconciliation of GAAP to non-GAAP results is included in the financial tables included in this press release.

Management considers both GAAP and non-GAAP financial results in managing Aspen Technology's business. As the result of adoption of new licensing models, management believes that a number of Aspen Technology's performance indicators based on GAAP, including revenue, gross profit, operating income and net income, should be viewed in conjunction with certain non-GAAP and other business measures in assessing Aspen Technology's performance, growth and financial condition. Accordingly, management utilizes a number of non-GAAP and other business metrics, including the non-GAAP metrics set forth in this press release, to track Aspen Technology's business performance. None of these non-GAAP metrics should be considered as an alternative to any measure of financial performance calculated in accordance with GAAP.

Conference Call and Webcast

Aspen Technology will host a conference call and webcast today, April 28, 2021, at 4:30 p.m. (Eastern Time), to discuss the company's financial results for the second-quarter of fiscal year 2021 as well as the company's business outlook. The live dialin number is (866) 471-3828 or (678) 509-7573, conference ID code 6459234. Interested parties may also listen to a live webcast of the call by logging on to the Investor Relations section of Aspen Technology's website, http://ir.aspentech.com/events-and-presentations, and clicking on the "webcast" link. A replay of the call will be archived on Aspen Technology's website and will also be available via telephone at (855) 859-2056 or (404) 537-3406, conference ID code 6459234, through May 5, 2021.

About Aspen Technology

Aspen Technology (AspenTech) is a global leader in asset optimization software. Its solutions address complex, industrial environments where it is critical to optimize the asset design, operation and maintenance lifecycle. AspenTech uniquely combines decades of process modelling expertise with artificial intelligence. Its purpose-built software platform automates knowledge work and builds sustainable competitive advantage by delivering high returns over the entire asset lifecycle. As a result, companies in capital-intensive industries can maximize uptime and push the limits of performance, running their assets safer, greener, longer and faster. Visit AspenTech.com to find out more.

Forward-Looking Statements

The third paragraph of this press release as well as the Business Outlook section contain forward-looking statements for purposes of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Actual results may vary significantly from AspenTech's expectations based on a number of risks and uncertainties, including, without limitation: delays or reductions in demand for AspenTech solutions due to the COVID-19 pandemic; AspenTech's failure to increase usage and product adoption of aspenONE offerings or grow the aspenONE APM business, and failure to continue to provide innovative, market-leading solutions; declines in the demand for, or usage of, aspenONE software for any reason, including declines due to adverse changes in the process or other capital-intensive industries and due to the drop in demand for oil due to the COVID-19 pandemic, compounded by the excess supply arising from producers' failure to agree on production cuts; unfavorable economic and market conditions or a lessening demand in the market for asset process optimization software, including due to the significant drop in oil prices arising from drop in demand due to the COVID-19 pandemic and producers' failure to agree on production cuts; risks of foreign operations or transacting business with customers outside the United States; risks of competition and other risk factors described from time to time in AspenTech's periodic reports filed with the Securities and Exchange Commission. AspenTech cannot guarantee any future results, levels of activity, performance, or achievements. AspenTech expressly disclaims any obligation to update forward-looking statements after the date of this press release.

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Source: Aspen Technology, Inc.

ASPEN TECHNOLOGY, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF OPERATIONS

(Unaudited in Thousands, Except per Share Data)

	Three Mo Mar	onths E	nded		Nine Mon Mare	led	
	 2021		2020		2021		2020
		(Dollar	s in Thousands,	Excep	ot per Share Data	a)	
Revenue:							
License	\$ 110,104	\$	78,156	\$	352,133	\$	238,311
Maintenance	45,885		44,199		139,561		132,418
Services and other	 6,737		8,233		19,721		26,048
Total revenue	 162,726		130,588		511,415		396,777
Cost of revenue:							
License	2,485		1,881		6,859		5,550
Maintenance	5,174		4,778		14,066		14,339
Services and other	 8,396		9,046		24,911		26,560
Total cost of revenue	 16,055		15,705		45,836		46,449
Gross profit	 146,671		114,883		465,579		350,328
Operating expenses:							
Selling and marketing	30,345		28,354		82,092		86,046
Research and development	25,874		23,576		70,576		68,694
General and administrative	 21,553		18,219		60,389		54,525
Total operating expenses	 77,772		70,149		213,057		209,265
Income from operations	68,899		44,734		252,522		141,063
Interest income	8,410		8,173		26,383		24,577
Interest (expense)	(1,495)		(3,207)		(5,639)		(9,368)
Other (expense), net	 (5)		(352)		(1,807)		(217)
Income before income taxes	75,809		49,348		271,459		156,055
Provision for income taxes	 13,314		7,522		47,101		20,914
Net income	\$ 62,495	\$	41,826	\$	224,358	\$	135,141
Net income per common share:							
Basic	\$ 0.92	\$	0.62	\$	3.31	\$	1.98
Diluted	\$ 0.91	\$	0.61	\$	3.28	\$	1.96
Weighted average shares outstanding:							
Basic	67,920		67,806		67,809		68,122
Diluted	68,608		68,482		68,439		68,906

ASPEN TECHNOLOGY, INC. AND SUBSIDIARIES CONSOLIDATED BALANCE SHEETS (Unaudited in Thousands. Except Share and Per Share Data)

	March 31, 2021		June 30, 2020
	 (Dollars in The Share	ousands, e Data)	, Except
ASSETS		ĺ	
Current assets:			
Cash and cash equivalents	\$ 317,099	\$	287,796
Accounts receivable, net	49,034		56,301
Current contract assets, net	298,835		291,497
Prepaid expenses and other current assets	9,762		10,884
Prepaid income taxes	 12,008		3,962
Total current assets	686,738		650,440
Property, equipment and leasehold improvements, net	5,506		5,963
Computer software development costs, net	1,255		928
Goodwill	158,182		137,055
Intangible assets, net	45,996		42,851
Non-current contract assets, net	409,010		318,976
Contract costs	28,419		28,614
Operating lease right-of-use assets	31,589		34,905
Deferred tax assets	2,924		1,735
Other non-current assets	3,042		1,839
Total assets	\$ 1,372,661	\$	1,223,306
LIABILITATES AND STOCKHOLDERS FOLLTSV			
LIABILITIES AND STOCKHOLDERS' EQUITY Current liabilities:			
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Accounts payable	\$ 3,563	\$	3,988
Accrued expenses and other current liabilities	43,063		43,556
Current operating lease liabilities	7,214		6,824
Income taxes payable	76		1,799
Current borrowings	18,000		135,163
Current deferred revenue	 54,730		43,168
Total current liabilities	126,646		234,498
Non-current deferred revenue	11,535		13,913
Deferred tax liabilities	188,896		179,978
Non-current operating lease liabilities	28,894		33,088
Non-current borrowings, net	278,960		292,369
Other non-current liabilities	4,842		3,107
Commitments and contingencies (Note 17)			
Series D redeemable convertible preferred stock, \$0.10 par value— Authorized— 367,000 shares as of March 31, 2021 and June 30, 2020 Issued and outstanding— none as of March 31, 2021 and June 30, 2020	_		_
Stockholders' equity:			
Common stock, \$0.10 par value— Authorized—210,000,000 shares Issued— 104,283,957 shares at March 31, 2021 and 103,988,707 shares at June 30, 2020			
Outstanding— 68.013.942 shares at March 31. 2021 and 67.718.692 shares at June 30. 2020	10,429		10,399
Additional paid-in capital	799,743		769,411
Retained earnings	1,682,688		1,458,330
Accumulated other comprehensive income (loss)	6,527		(5,288)
Treasury stock, at cost—36,270,015 shares of common stock at March 31, 2021 and 36,270,015 shares at June 30, 2020	(1,766,499)		(1,766,499)
Total stockholders' equity	732,888		466,353
Total liabilities and stockholders' equity	\$ 1,372,661	\$	1,223,306

ASPEN TECHNOLOGY, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF CASH FLOWS

(Unaudited in Thousands)

Cash flows from operating activities: Net income \$ Adjustments to reconcile net income to net cash provided by operating activities: Depreciation and amortization Reduction in the carrying amount of right-of-use assets Net foreign currency losses (gains) Stock-based compensation Deferred income taxes Provision for bad debts Other non-cash operating activities Changes in assets and liabilities: Accounts receivable Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock Payments of tax withholding obligations related to restricted stock	2,688 2,258 (27) 9,225 6,817 2,064 311 (4,257) 19,835 (123) (2,298) (7,001)	\$	2020 (Dollars in 41,826 2,549 3,267 345 7,299 (116) 2,127 208 (11,889) 32,216 (692) (3,444)	Thou \$	224,358 7,545 7,037 2,027 24,589 7,029 6,800 718 4,115	\$ 6,518 183 24,133 (1,516 3,391 423
Net income Adjustments to reconcile net income to net cash provided by operating activities: Depreciation and amortization Reduction in the carrying amount of right-of-use assets Net foreign currency losses (gains) Stock-based compensation Deferred income taxes Provision for bad debts Other non-cash operating activities Changes in assets and liabilities: Accounts receivable Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities: Issuance of shares of common stock Repurchases of common stock	2,688 2,258 (27) 9,225 6,817 2,064 311 (4,257) 19,835 (123) (2,298) (7,001) 216		2,549 3,267 345 7,299 (116) 2,127 208 (11,889) 32,216 (692)		224,358 7,545 7,037 2,027 24,589 7,029 6,800 718 4,115	\$ 7,028 6,518 183 24,133 (1,516 3,391 423
Net income Adjustments to reconcile net income to net cash provided by operating activities: Depreciation and amortization Reduction in the carrying amount of right-of-use assets Net foreign currency losses (gains) Stock-based compensation Deferred income taxes Provision for bad debts Other non-cash operating activities Changes in assets and liabilities: Accounts receivable Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities: Issuance of shares of common stock Repurchases of common stock	2,688 2,258 (27) 9,225 6,817 2,064 311 (4,257) 19,835 (123) (2,298) (7,001) 216	\$	2,549 3,267 345 7,299 (116) 2,127 208 (11,889) 32,216 (692)	\$	7,545 7,037 2,027 24,589 7,029 6,800 718	\$ 7,028 6,518 183 24,133 (1,516 3,391 423
Adjustments to reconcile net income to net cash provided by operating activities: Depreciation and amortization Reduction in the carrying amount of right-of-use assets Net foreign currency losses (gains) Stock-based compensation Deferred income taxes Provision for bad debts Other non-cash operating activities Changes in assets and liabilities: Accounts receivable Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities: Issuance of shares of common stock Repurchases of common stock	2,688 2,258 (27) 9,225 6,817 2,064 311 (4,257) 19,835 (123) (2,298) (7,001) 216	\$	2,549 3,267 345 7,299 (116) 2,127 208 (11,889) 32,216 (692)	\$	7,545 7,037 2,027 24,589 7,029 6,800 718	\$ 7,028 6,518 183 24,133 (1,516) 3,391
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Depreciation and amortization Reduction in the carrying amount of right-of-use assets Net foreign currency losses (gains) Stock-based compensation Deferred income taxes Provision for bad debts Other non-cash operating activities Changes in assets and liabilities: Accounts receivable Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities: Issuance of shares of common stock Repurchases of common stock	2,258 (27) 9,225 6,817 2,064 311 (4,257) 19,835 (123) (2,298) (7,001) 216		3,267 345 7,299 (116) 2,127 208 (11,889) 32,216 (692)		7,037 2,027 24,589 7,029 6,800 718	6,518 183 24,133 (1,516 3,391 423
Reduction in the carrying amount of right-of-use assets Net foreign currency losses (gains) Stock-based compensation Deferred income taxes Provision for bad debts Other non-cash operating activities Changes in assets and liabilities: Accounts receivable Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities: Issuance of shares of common stock Repurchases of common stock	2,258 (27) 9,225 6,817 2,064 311 (4,257) 19,835 (123) (2,298) (7,001) 216		3,267 345 7,299 (116) 2,127 208 (11,889) 32,216 (692)		7,037 2,027 24,589 7,029 6,800 718	6,518 183 24,133 (1,516 3,391 423
Net foreign currency losses (gains) Stock-based compensation Deferred income taxes Provision for bad debts Other non-cash operating activities Changes in assets and liabilities: Accounts receivable Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for business acquisitions, net of cash acquired Payments for capitalized computer software development costs Net cash used in investing activities: Lasuance of shares of common stock Repurchases of common stock	(27) 9,225 6,817 2,064 311 (4,257) 19,835 (123) (2,298) (7,001) 216		345 7,299 (116) 2,127 208 (11,889) 32,216 (692)		2,027 24,589 7,029 6,800 718	183 24,133 (1,516 3,391 423
Stock-based compensation Deferred income taxes Provision for bad debts Other non-cash operating activities Changes in assets and liabilities: Accounts receivable Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for business acquisitions, net of cash acquired Payments for capitalized computer software development costs Net cash used in investing activities: Issuance of shares of common stock Repurchases of common stock	9,225 6,817 2,064 311 (4,257) 19,835 (123) (2,298) (7,001) 216		7,299 (116) 2,127 208 (11,889) 32,216 (692)		24,589 7,029 6,800 718	24,133 (1,516 3,391 423
Deferred income taxes Provision for bad debts Other non-cash operating activities Changes in assets and liabilities: Accounts receivable Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for business acquisitions, net of cash acquired Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock	6,817 2,064 311 (4,257) 19,835 (123) (2,298) (7,001) 216		(116) 2,127 208 (11,889) 32,216 (692)		7,029 6,800 718 4,115	(1,516 3,391 423
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Contract assets, net Contract costs Lease liabilities Prepaid expenses, prepaid income taxes, and other assets Accounts payable, accrued expenses, income taxes payable and other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for business acquisitions, net of cash acquired Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock	19,835 (123) (2,298) (7,001) 216		32,216 (692)			
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other liabilities Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for business acquisitions, net of cash acquired Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock			(433)		(6,959)	(2,201
Deferred revenue Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for business acquisitions, net of cash acquired Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock			2,353		(6,847)	(20,752
Net cash provided by operating activities Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for business acquisitions, net of cash acquired Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock	6,456		5,765		13,410	13,701
Cash flows from investing activities: Purchases of property, equipment and leasehold improvements Payments for business acquisitions, net of cash acquired Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock	98,659	,	81,381		172,949	143,588
Purchases of property, equipment and leasehold improvements Payments for business acquisitions, net of cash acquired Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock						
Payments for business acquisitions, net of cash acquired Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock	(211)		(143)		(733)	(1,111
Payments for equity method investments Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock	(329)		(241)		(16,272)	(74,460
Payments for capitalized computer software development costs Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock	(760)		(319)		(926)	(319
Net cash used in investing activities Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock			(71)		(895)	(141
Cash flows from financing activities: Issuance of shares of common stock Repurchases of common stock	(1,300)		(774)		(18,826)	(76,031
Issuance of shares of common stock Repurchases of common stock						
	9,394		2,650		12,508	5,364
	´ _		(49,757)			(150,621
3	(2,612)		(2,395)		(6,719)	(8,246
Deferred business acquisition payments	_		(4,600)		_	(4,600
Proceeds from revolving credit facility, net of repayments	_		90,000		(119,182)	219,163
Repayments of amounts borrowed under term loan	(4,000)		(4,000)		(12,000)	(4,000
Payments of debt issuance costs			(79)			(3,533
Net cash provided by (used in) financing activities	2,782		31,819		(125,393)	53,527
Effect of exchange rate changes on cash and cash equivalents	(531)		(740)		573	(838
Increase in cash and cash equivalents	99,610		111,686		29,303	120,246
Cash and cash equivalents, beginning of period	217,489		80,486		287,796	71,926
Cash and cash equivalents, end of period \$	317,099	\$	192,172	\$	317,099	\$ 192,172
Sunnlemental disclosure of each flow information:	<u> </u>	-	-	-	<u> </u>	
Income taxes paid, net \$	18,681	\$	6,611	\$	49,349	\$ 26,359
Interest paid	1,455		3,054		5,672	8,246
Supplemental disclosure of non-cash activities:						
Change in purchases of property, equipment and leasehold						
improvements included in accounts pavable and accrued expenses	20	\$	7	\$	77	\$ (89
Change in repurchases of common stock included in accounts payable			2.42			(621
and accrued expenses Lease liabilities arising from obtaining right-of-use assets			243 6,802		1,488	(621 11,626

ASPEN TECHNOLOGY, INC. AND SUBSIDIARIES Reconciliation of GAAP to Non-GAAP Results of Operations and Cash Flows (Unaudited in Thousands, Except per Share Data)

	Three Mo	nths E ch 31,	nded	Nine Months I March 31 2021 258,893 \$ (24,589) (5,657) (3,133) 225,514 \$ 252,522 \$ 24,589 5,657 3,133 285,901 \$ 224,358 \$ 24,589 5,657 3,133 (7,010) 250,727 \$ 3.28 \$ 0.35 0.08 0.05 (0.10)			
	2021		2020	2021		2020	
Total expenses							
GAAP total expenses (a)	\$ 93,827	\$	85,854	\$ 258,893	\$	255,714	
Less:							
Stock-based compensation (b)	(9,225)		(7,299)	(24,589)		(24,133	
Amortization of intangibles	(2,047)		(1,864)	(5,657)		(4,741)	
Acquisition related fees	(749)		_	(3,133)		(78)	
Non-GAAP total expenses	\$ 81,806	\$	76,691	\$ 225,514	\$	226,762	
Income from operations							
GAAP income from operations	\$ 68,899	\$	44,734	\$ 252,522	\$	141,063	
Plus:							
Stock-based compensation (b)	9,225		7,299	24,589		24,133	
Amortization of intangibles	2,047		1,864	5,657		4,741	
Acquisition related fees	749		_	3,133		78	
Non-GAAP income from operations	\$ 80,920	\$	53,897	\$ 285,901	\$	170,015	
Net income							
GAAP net income	\$ 62,495	\$	41,826	\$ 224,358	\$	135,141	
Plus:	, , , ,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		,	
Stock-based compensation (b)	9,225		7,299	24,589		24,133	
Amortization of intangibles	2,047		1,864			4,741	
Acquisition related fees	749					78	
Less:				·			
Income tax effect on Non-GAAP items (c)	(2,524)		(1,924)	(7,010)		(6,080)	
Non-GAAP net income	\$ 71,992	\$	49,065	\$ 250,727	\$	158,013	
Diluted income per share							
GAAP diluted income per share	\$ 0.91	\$	0.61	\$ 3.28	\$	1.96	
Plus:							
Stock-based compensation (b)	0.14		0.11	0.35		0.35	
Amortization of intangibles	0.03		0.03			0.07	
Acquisition related fees	0.01			0.05		_	
Less:							
Income tax effect on Non-GAAP items (c)	(0.04)		(0.03)	(0.10)		(0.09	
Non-GAAP diluted income per share	\$ 1.05	\$	0.72	\$ 3.66	\$	2.29	
Shares used in computing Non-GAAP diluted income per share	68,608		68,482	68,439		68,906	

	Three Months Ended March 31,			Nine Months Ended March 31,				
	2021			2020		2021		2020
Free Cash Flow								
Net cash provided by operating activities (GAAP)	\$	98,659	\$	81,381	\$	172,949	\$	143,588
Purchases of property, equipment and leasehold improvements		(211)		(143)		(733)		(1,111)
Payments for capitalized computer software development costs		_		(71)		(895)		(141)
Acquisition related payments		1,526		_		2,433		1,264
Free cash flow (non-GAAP)	\$	99,974	\$	81,167	\$	173,754	\$	143,600

(a) GAAP total expenses

	Three Months Ended March 31,					Nine Months Ended March 31,				
		2021	2020		2021			2020		
Total costs of revenue	\$	16,055	\$	15,705	\$	45,836	\$	46,449		
Total operating expenses		77,772		70,149		213,057		209,265		
GAAP total expenses	\$	93,827	\$	85,854	\$	258,893	\$	255,714		

(b) Stock-based compensation expense was as follows:

	Three Months Ended March 31,				Nine Months Ended March 31,				
		2021		2020		2021		2020	
Cost of maintenance	\$	234	\$	343	\$	688	\$	1,104	
Cost of services and other		412		450		1,198		1,477	
Selling and marketing		1,869		1,472		4,655		4,228	
Research and development		2,273		2,082		6,515		6,193	
General and administrative		4,437		2,952		11,533		11,131	
Total stock-based compensation	\$	9,225	\$	7,299	\$	24,589	\$	24,133	

⁽c) The income tax effect on non-GAAP items for the three and nine months ended March 31, 2021 and 2020, respectively, is calculated utilizing the Company's statutory tax rate of 21 percent.