

PRESS RELEASE

CSG SYSTEMS INTERNATIONAL REPORTS FOURTH QUARTER 2021 RESULTS

CSG Grows Revenue 6% and Surpasses \$1 Billion in Annual Revenue in 2021

Issued Growth-Oriented 2022 Financial Guidance Targets

Boosted Dividend by 6% in '22 Representing our 9th Straight Year of Increased Payout

DENVER--(February 1, 2022) — <u>CSG</u> (NASDAQ: CSGS) today reported results for the quarter and year ended December 31, 2021.

Financial Results:

Fourth quarter 2021 financial results:

- Total revenue was \$275.0 million and total non-GAAP adjusted revenue was \$257.6 million.
- GAAP operating income was \$27.9 million, or 10.1% of total revenue, and non-GAAP operating income was \$40.2 million, or 15.6% of non-GAAP adjusted revenue.
- GAAP earnings per diluted share (EPS) was \$0.54 and non-GAAP EPS was \$0.83.
- Cash flows from operations were **\$51.9 million**, with a non-GAAP free cash flow of **\$47.9 million**.

Full year 2021 financial results:

- Total revenue was \$1,046.5 million and non-GAAP adjusted revenue was \$979.8 million.
- GAAP operating income was \$124.2 million, or 11.9% of total revenue, and non-GAAP operating income was \$161.7 million, or 16.5% of non-GAAP adjusted revenue.
- GAAP EPS was \$2.26 and non-GAAP EPS was \$3.35.
- Cash flows from operations were \$140.2 million, with non-GAAP free cash flow of \$113.7 million.

Shareholder Returns:

- In November 2021, CSG declared its quarterly cash dividend of **\$0.25** per share of common stock, or a total of approximately **\$8 million**, to shareholders, bringing total 2021 dividends to approximately **\$33 million**.
- In January 2022, CSG's Board of Directors approved a 6% increase in CSG's cash dividend, with quarterly payments of **\$0.265** per share of common stock to be paid in March 2022.
- During the quarter and full year 2021, CSG repurchased under its stock repurchase program, approximately 295,000 shares of its common stock for approximately \$16 million and approximately 732,000 shares of its common stock for approximately \$36 million, respectively.

Business Activities:

- In November, CSG extended its contract with Charter, its largest client, through December 31, 2027.
- In October, CSG extended its contract with DISH through June 30, 2026.
- During the year we closed three meaningful acquisitions (Kitewheel, Tango Telecom, and DGIT Systems).

"Over the past year, I have highlighted how CSG will win big in the market and consistently outperform by investing in our culture, talent, and future-ready SaaS platforms," said Brian Shepherd, President and Chief Executive Officer of CSG. "Our 2021 results prove that we are delivering on this commitment as we built accelerated momentum across our global business. We reported our best organic revenue growth in over a decade and crossed the \$1 billion annual revenue milestone for the first time in our history. Another highlight of the year was the renewal of our relationship with two long-term CSG customers: DISH and Charter Communications. Specifically, the expansion with Charter represents the largest deal ever signed by CSG as we become the revenue management provider of choice for all 32 million Charter subscribers across their residential and small-and-medium-sized business footprints."

"With these wins and our continued strong sales success, we are positioned for solid top and bottom-line growth in 2022 and beyond. Looking ahead, CSG is laser focused on creating meaningful value for our customers, our employees and our shareholders, accelerating our organic revenue growth, closing good new strategic acquisitions, and diversifying into larger and faster growth industry verticals," Shepherd added.

Financial Overview (unaudited)

(in thousands, except per share amounts and percentages):

	C	Quarter Ended December 31,				Year Ended December 31,						
					Percent						Percent	
	20	21		2020	Changed	I		2021	2	020	Changed	
GAAP Results:									·			
Revenue	\$275	5,025	\$2	260,487	5.6	8%	\$1	,046,487	\$99	0,533	5.6%	
Operating Income	27	7,880		23,675	17.8	3%		124,186	10	5,556	17.6%	
Operating Margin Percentage		10.1%		9.1%				11.9%		10.7%		
EPS	\$	0.54	\$	0.41	31.7	7 %	\$	2.26	\$	1.82	24.2%	
Non-GAAP Results:												
Adjusted Revenue	\$257	7,648	\$2	243,248	5.9	9%	\$	979,765	\$92	2,862	6.2%	
Operating Income	40	0,152		42,987	(6.6	3%)		161,713	15	4,887	4.4%	
Adjusted Operating Margin												
Percentage		15.6%		17.7%				16.5%		16.8%		
EPS	\$	0.83	\$	0.90	(7.8	3%)	\$	3.35	\$	3.12	7.4%	

For additional information and reconciliations regarding CSG's use of non-GAAP financial measures, please refer to the attached Exhibit 2 and the Investor Relations section of CSG's website at csgi.com.

Results of Operations

<u>GAAP Results:</u> Total revenue for the fourth quarter of 2021 was \$275.0 million, a 5.6% increase when compared to revenue of \$260.5 million for the fourth quarter of 2020. Total revenue for the full year 2021 was \$1,046.5 million, a 5.6% increase when compared to revenue of \$990.5 million for the full year 2020. The increases in revenue can be primarily attributed to the continued growth of CSG's revenue management solutions, as the majority of the increase was attributed to organic growth.

GAAP operating income for the fourth quarter of 2021 was \$27.9 million, or 10.1% of total revenue, compared to \$23.7 million, or 9.1% of total revenue, for the fourth quarter of 2020. GAAP operating income for the full year 2021 was \$124.2 million, or 11.9% of total revenue, compared to \$105.6 million, or 10.7% of total revenue, for the full year 2020.

GAAP EPS for the fourth quarter of 2021 was \$0.54, as compared to \$0.41 for the fourth quarter of 2020. GAAP EPS for the full year 2021 was \$2.26, compared to \$1.82 for the full year 2020.

<u>Non-GAAP Results:</u> Non-GAAP adjusted revenue for the fourth quarter of 2021 was \$257.6 million, a 5.9% increase when compared to non-GAAP adjusted revenue of \$243.2 million for the fourth quarter of 2020. Total non-GAAP adjusted revenue for the full year 2021 was \$979.8 million, a 6.2% increase when compared to \$922.9 million for the full year 2020. The increases in non-GAAP adjusted revenue between periods are primarily due to the factors discussed above.

Non-GAAP operating income for the fourth quarter of 2021 was \$40.2 million, or 15.6% of total non-GAAP adjusted revenue, compared to \$43.0 million, or 17.7% of total non-GAAP adjusted revenue for the fourth quarter of 2020. Non-GAAP operating income for the full year 2021 was \$161.7 million, or 16.5% of total non-GAAP adjusted revenue, compared to \$154.9 million, or 16.8% of total non-GAAP adjusted revenue for the full year 2020.

Non-GAAP EPS for the fourth quarter of 2021 was \$0.83 compared to \$0.90 for the fourth quarter of 2020. Non-GAAP EPS for the full year 2021 was \$3.35 compared to \$3.12 for the full year 2020.

Balance Sheet and Cash Flows

Cash, cash equivalents and short-term investments as of December 31, 2021 were \$233.7 million compared to \$224.5 million as of September 30, 2021 and \$240.3 million as of December 31, 2020. CSG had net cash flows from operations for the fourth quarters ended December 31, 2021 and 2020 of \$51.9 million and \$56.9 million, respectively, and had non-GAAP free cash flow of \$47.9 million and \$51.7 million, respectively. For the year ended December 31, 2021 and 2020, CSG generated net cash flows from operations of \$140.2 million and \$173.0 million, respectively, and had non-GAAP free cash flow of \$113.7 million and \$143.6 million, respectively.

Summary of Financial Guidance

CSG's financial guidance for the full year 2022 is as follows:

GAAP Measures:	
Revenue	\$1,070 - \$1,110 million
Non-GAAP Measures:	
Adjusted Revenue	\$1,000 - \$1,033 million
Adjusted Operating Margin Percentage	16.5% - 17.0%
EPS	\$3.44 - \$3.68
Adjusted EBITDA	\$225 - \$236 million
Free Cash Flow	\$115 - \$125 million

For additional information and reconciliations regarding CSG's use of non-GAAP financial measures, please refer to the attached Exhibit 2 and the Investor Relations section of CSG's website at csgi.com.

Conference Call

CSG will host a conference call on Tuesday, February 1, 2022 at 5:00 p.m. ET, to discuss CSG's fourth quarter and full year results for 2021. The call will be carried live and archived on the Internet. A link to the conference call is available at http://ir.csgi.com. In addition, to reach the conference by phone, call 1-888-412-4131 and use the passcode 2327393.

Additional Information

For information about CSG, please visit CSG's web site at <u>csgi.com</u>. Additional information can be found in the Investor Relations section of the website.

About CSG

CSG is a leader in innovative customer engagement, revenue management and payments solutions that make ordinary customer experiences extraordinary. Our cloud-first architecture and customer-obsessed mindset help companies around the world launch new digital services, expand into new markets, and create dynamic experiences that capture new customers and build brand loyalty. For nearly 40 years, CSG's technologies and people have helped some of the world's most recognizable brands solve their toughest business challenges and evolve to meet the demands of today's digital economy with future-ready solutions that drive exceptional customer experiences. With 5,000 employees in over 20 countries, CSG is the trusted technology provider for leading global brands in telecommunications, retail, financial services and healthcare. Our solutions deliver real world outcomes to more than 900 customers in over 120 countries. To learn more, visit us at csgi.com and connect with us on Linkedin and Twitter.

Forward-Looking Statements

This news release contains forward-looking statements as defined under the Securities Act of 1933, as amended, that are based on assumptions about a number of important factors and involve risks and uncertainties that could cause actual results to differ materially from what appears in this news release. Some of these key factors include, but are not limited to the following items:

- CSG's business may be disrupted, and its results of operations and cash flows adversely affected by the COVID-19 pandemic;
- CSG derives over forty percent of its revenue from its two largest customers;
- Continued market acceptance of CSG's products and services;
- CSG's ability to continuously develop and enhance products in a timely, cost-effective, technically advanced and competitive manner;
- CSG's ability to deliver its solutions in a timely fashion within budget, particularly large and complex software implementations;
- CSG's dependency on the global telecommunications industry, and in particular, the North American telecommunications industry;
- CSG's ability to meet its financial expectations;
- Increasing competition in CSG's market from companies of greater size and with broader presence;
- CSG's ability to successfully integrate and manage acquired businesses or assets to achieve expected strategic, operating and financial goals;
- CSG's ability to protect its intellectual property rights;
- CSG's ability to maintain a reliable, secure computing environment;
- CSG's ability to conduct business in the international marketplace;
- CSG's ability to comply with applicable U.S. and International laws and regulations; and
- Fluctuations in credit market conditions, general global economic and political conditions, and foreign currency exchange rates.

This list is not exhaustive, and readers are encouraged to review the additional risks and important factors described in CSG's reports on Forms 10-K and 10-Q and other filings made with the SEC.

For more information, contact: John Rea, Investor Relations (210) 687-4409 E-mail: john.rea@csgi.com

CSG SYSTEMS INTERNATIONAL, INC. CONDENSED CONSOLIDATED BALANCE SHEETS-UNAUDITED (in thousands)

(in thousands)	_		_	
	De	ecember 31,	De	ecember 31,
ASSETS		2021		2020
Current assets:				
Cash and cash equivalents	\$	205,635	\$	188,699
Short-term investments.	Ψ	28,037	Ψ	51,598
Total cash, cash equivalents and short-term investments		233,672		240,297
Settlement and merchant reserve assets		186,267		166,031
Trade accounts receivable:		100,207		100,031
Billed, net of allowance of \$4,250 and \$3,628		244,317		226,623
Unbilled		35,802		37,785
Income taxes receivable		6,414		2,167
Other current assets		41,727		41,688
Total current assets				
		748,199	_	714,591
Non-current assets:		72 500		04.750
Property and equipment, net of depreciation of \$111,244 and \$105,073		73,580		81,759
Operating lease right-of-use assets		86,034		110,756
Software, net of amortization of \$152,283 and \$139,836		29,757		26,453
Goodwill		321,330		272,322
Acquired customer contracts, net of amortization of \$114,166 and \$105,778		57,207		48,012
Customer contract costs, net of amortization of \$32,410 and \$39,893		46,618		47,238
Deferred income taxes		8,584		10,205
Other assets.		15,840		20,664
Total non-current assets		638,950		617,409
Total assets	\$	1,387,149	\$	1,332,000
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Current portion of long-term debt	\$	237,500	\$	14,063
Operating lease liabilities		23,270		22,651
Customer deposits		43,546		39,992
Trade accounts payable		35,397		29,834
Accrued employee compensation		91,115		86,289
Settlement and merchant reserve liabilities		185,276		165,064
Deferred revenue		53,748		52,357
Income taxes payable		398		6,627
Other current liabilities		24,852		19,383
Total current liabilities		695,102	•	436,260
Non-current liabilities:		ĺ		,
Long-term debt, net of unamortized discounts of \$3,406 and \$5,346		137,219		337,154
Operating lease liabilities		70,068		95,926
Deferred revenue		19,599		17,275
Income taxes payable		4,058		2,436
Deferred income taxes		7,752		5,109
Other non-current liabilities		13,107		15,445
Total non-current liabilities	_	251,803		473,345
Total liabilities		946,905	_	909,605
Stockholders' equity:		940,903	-	909,003
Preferred stock, par value \$.01 per share; 10,000 shares authorized; zero shares issued and				
outstanding		_		_
Common stock, par value \$.01 per share; 100,000 shares authorized; 32,495 and 32,713 shares		-		-
outstandingoutstanding		705		700
Additional paid-in capital		488,303		470,557
Treasury stock, at cost; 36,713 and 35,980 shares		(930,106)		(894,126)
Accumulated other comprehensive income (loss):		(330, 100)		(034,120)
Unrealized gains on short-term investments, net of tax		(6)		13
Cumulative foreign currency translation adjustments		(38,347)		(31,151)
Accumulated earnings		916,060		876,402
Total CSG stockholders' equity		436,609		422,395
Noncontrolling interest		3,635		400.005
Total stockholders' equity	_	440,244	_	422,395
Total liabilities and stockholders' equity	\$	1,387,149	\$	1,332,000

CSG SYSTEMS INTERNATIONAL, INC. CONDENSED CONSOLIDATED STATEMENTS OF INCOME-UNAUDITED (in thousands, except per share amounts)

	Quarter Ended					Year Ended			
	De	cember 31, 2021	De	ecember 31, 2020	De	cember 31, 2021	De	cember 31, 2020	
Revenue	\$	275,025	\$	260,487	\$	1,046,487	\$	990,533	
Cost of revenue (exclusive of depreciation, shown separately									
below)		142,026		135,165		543.211		535,597	
Other operating expenses:		,		,		,		,	
Research and development		35,341		32,822		134,691		122,847	
Selling, general and administrative		61,706		61,864		214,694		198,279	
Depreciation		6,231		5,910		24,835		22,926	
Restructuring and reorganization charges		1,841		1,051		4,870		5,328	
Total operating expenses	·	247,145		236,812	·	922,301		884,977	
Operating income		27,880		23,675	·	124,186	·	105,556	
Other income (expense):	·				·				
Interest expense		(3,708)		(3,606)		(14,569)		(15,500)	
Amortization of original issue discount		(671)		(762)		(3,021)		(2,983)	
Interest and investment income, net		79		158		365		1,244	
Other, net		515		223		(6,015)		(2,961)	
Total other		(3,785)		(3,987)		(23,240)		(20,200)	
Income before income taxes		24,095		19,688		100,946		85,356	
Income tax provision		(6,846)		(6,423)		(28,615)		(26,645)	
Net income	\$	17,249	\$	13,265	\$	72,331	\$	58,711	
Weighted-average shares outstanding:									
Basic		24 620		24 022		24 776		22.010	
		31,628		31,832		31,776		32,010	
Diluted		31,939		32,225		32,010		32,278	
Earnings per common share:									
Basic	\$	0.55	\$	0.42	\$	2.28	\$	1.83	
Diluted		0.54		0.41		2.26		1.82	

CSG SYSTEMS INTERNATIONAL, INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS-UNAUDITED (in thousands)

Cash flows from operating activities (**) Cental flows flow flows flows from operating activities (**) Cental flows f	(in thousands)	Year Ended				
Net income \$ 72,331 \$ 58,71		Dec				
Net income			,	•		
Adjustments to reconcile net income to net cash provided by operating activities 24 835 22 92	Cash flows from operating activities ⁽¹⁾ :					
Depreciation		\$	72,331	\$	58,711	
Amortization of original issue discount						
Amortization of original issue discount. 3.021 2.98 Asset impairment. 1.270 11,031 (Gain)floss on short-term investments and other. 2.244 (122 Loss on extinguishment of debt. 1.32 Loss on acquisition of controlling interest. 6.180 Deferred income taxes 2.388 (1.03 Stock-based compensation 21,400 25,233 Subtotal 179,229 163,677 Changes in operating assets and liabilities, net of acquired amounts: Trade accounts receivable, net (10,702) 14,655 Other current and non-current assets and liabilities (11,527) (10,711 Income taxes payable/receivable (10,1744) 5,404 Trade accounts payable and accrued liabilities (11,527) (10,711 Income taxes payable/receivable (10,1744) 5,404 Trade accounts payable and accrued liabilities (11,527) (15,755 Deferred revenue. (10,107) (15,755 Deferred revenue. (10,107) (10,712) Asset flows from investing activities: Purchases of software, property and equipment (26,562) (29,39 Purchases of software, property and equipment (26,562) (29,39 Purchases of software, property and equipment (66,970) (81,822 Proceeds from sale/maturity of short-term investments. (11,49) Net cash used in investing activities (66,708) (66,252 ash flows from financing activities (11,49) Net cash used in investing activities (12,49) Net cash used in investing activities (12,49) Net cash used in investing activities (12,49) Proceeds from insuance of common stock (2,60) Repurchase of common stock (2,20) Repurchase of	•					
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leconciliation of cash, cash equivalents and restricted cash:		φ	205.025	φ	100.000	
			•	Ф	188,699	
				Φ.	166,031	
Total cash, cash equivalents and restricted cash	lotal cash, cash equivalents and restricted cash	\$	391,902	\$	354,730	

⁽¹⁾ Beginning with the second quarter of 2021, CSG reclassified certain cash flows related to settlement and merchant reserve assets and liabilities from cash flows from operating activities to cash flows from financing activities within the Condensed Consolidated Statements of Cash Flows. Prior period amounts have been reclassified to conform to the current period presentation.

EXHIBIT 1 CSG SYSTEMS INTERNATIONAL, INC. SUPPLEMENTAL REVENUE ANALYSIS

Revenue by Significant Customers: 10% or more of Revenue

Total revenue

Telecommunications 20% 22% All other 25% 22% Total revenue 100% 100% Year Ended December 31, 2021 Year Ended December 31, 2020 Broadband/Cable/Satellite 57% 58% Telecommunications 19% 19% All other 24% 23% Total revenue 100% 100% Revenue by Geography Revenue by Geography Quarter Ended December 31, 2021 December 31, 2020 Americas 83% 84 Europe, Middle East and Africa 13% 12 Asia Pacific 4% 4 Total revenue 100% 100 Year Ended December 31, 2020 Pecember 31, 2020 Americas 80 Year Ended December 31, 2020 Americas 85% 86 Europe, Middle East and Africa 85% 86 Europe, Middle East and Africa 11% 10			Quarter Ei December 3				Quarter Ended December 31, 2020				
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Europe, Middle East and Africa	Americas						85%		86%		
·	Europe, Middle East and Africa								10%		
	Asia Pacific						4%		4%		

100%

100%

EXHIBIT 2 CSG SYSTEMS INTERNATIONAL, INC. DISCLOSURES FOR NON-GAAP FINANCIAL MEASURES

Use of Non-GAAP Financial Measures and Limitations

To supplement its condensed consolidated financial statements presented in accordance with generally accepted accounting principles (GAAP), CSG uses non-GAAP adjusted revenue, non-GAAP operating income, non-GAAP adjusted operating margin percentage, non-GAAP EPS, non-GAAP adjusted EBITDA, and non-GAAP free cash flow. CSG believes that these non-GAAP financial measures, when reviewed in conjunction with its GAAP financial measures, provide investors with greater transparency to the information used by CSG's management in its financial and operational decision making. CSG uses these non-GAAP financial measures for the following purposes:

- Certain internal financial planning, reporting, and analysis;
- · Forecasting and budgeting;
- Certain management compensation incentives; and
- Communications with CSG's Board of Directors, stockholders, financial analysts, and investors.

These non-GAAP financial measures are provided with the intent of providing investors with the following information:

- A more complete understanding of CSG's underlying operational results, trends, and cash generating capabilities;
- Consistency and comparability with CSG's historical financial results; and
- Comparability to similar companies, many of which present similar non-GAAP financial measures to investors.

Non-GAAP financial measures are not measures of performance under GAAP, and therefore should not be considered in isolation or as a substitute for GAAP financial information. Limitations with the use of non-GAAP financial measures include the following items:

- Non-GAAP financial measures are not based on any comprehensive set of accounting rules or principles;
- The way in which CSG calculates non-GAAP financial measures may differ from the way in which other companies calculate similar non-GAAP financial measures;
- Non-GAAP financial measures do not include all items of income and expense that affect CSG's
 operations and that are required by GAAP to be included in financial statements;
- Certain adjustments to CSG's non-GAAP financial measures result in the exclusion of items that are recurring and will be reflected in CSG's financial statements in future periods; and
- Certain charges excluded from CSG's non-GAAP financial measures are cash expenses, and therefore do impact CSG's cash position.

CSG compensates for these limitations by relying primarily on its GAAP results and using non-GAAP financial measures as a supplement only. Additionally, CSG provides specific information regarding the treatment of GAAP amounts considered in preparing the non-GAAP financial measures and reconciles each non-GAAP financial measure to the most directly comparable GAAP measure.

Non-GAAP Financial Measures: Basis of Presentation

The table below outlines the exclusions from CSG's non-GAAP financial measures:

Non-GAAP Exclusions	Adjusted Revenue	Operating Income	Adjusted Operating Margin Percentage	EPS
Transaction fees	X		X	_
Restructuring and reorganization charges		X	Χ	Χ
Executive transition costs	_	X	Χ	Χ
Acquisition-related expenses:				
Amortization of acquired intangible assets	_	X	Χ	Χ
Earn-out compensation		X	Χ	Χ
Transaction-related costs	_	X	Χ	Χ
Stock-based compensation	_	X	X	Χ
Amortization of original issue discount ("OID")	_	_	_	Χ
Gain (loss) on extinguishment of debt			_	Χ
Gain (loss) on acquisitions or dispositions	_	_	_	Χ
Unusual income tax matters			_	X

CSG believes that excluding certain items in calculating its non-GAAP financial measures provides meaningful supplemental information regarding CSG's performance and these items are excluded for the following reasons:

- Transaction fees are primarily comprised of interchange and other payment-related fees paid, in conjunction with the delivery of service to customers under CSG's payment services contracts, to third-party payment processors and financial institutions by CSG. Because CSG controls the integrated service provided under its payment services customer contracts, these transaction fees are presented gross, and not netted against revenue; however, other payments companies who do not provide and/or control an integrated service present their revenue net of transaction fees. The exclusion of these fees in calculating CSG's non-GAAP adjusted revenue provides management and investors an additional means to use to compare CSG's current revenue with historical and future periods, as well as with other payments companies.
- Restructuring and reorganization charges are expenses that result from cost reduction initiatives and/or significant changes to CSG's business, to include such things as involuntary employee terminations, changes in management structure, divestitures of businesses, facility consolidations and abandonments, and fundamental reorganizations impacting operational focus and direction. These charges are not considered reflective of CSG's recurring business operating results. The exclusion of these items in calculating CSG's non-GAAP financial measures allows management and investors an additional means to compare CSG's current financial results with historical and future periods.
- Executive transition costs include expenses incurred related to a departure of a CSG executive officer
 under the terms of the related separation agreement. These types of costs are not considered reflective of
 CSG's recurring business operating results. The exclusion of these costs in calculating CSG's non-GAAP
 financial measures allows management and investors an additional means to compare CSG's current
 financial results with historical and future periods.

- Acquisition-related expenses include amortization of acquired intangible assets, earn-out compensation, and transaction-related costs. Transaction-related costs, which typically include expenses related to legal, accounting, and other professional services, are direct and incremental expenses related to business acquisitions, and thus, are not considered reflective of CSG's recurring business operating results. The total amount of acquisition-related expenses can vary significantly between periods based on the number and size of acquisition activities, previously acquired intangible assets becoming fully amortized, and ultimate realization of earn-out compensation. In addition, the timing of these expenses may not directly correlate with underlying performance of the CSG's operations. Therefore, the exclusion of acquisition-related expenses in calculating CSG's non-GAAP financial measures allows management and investors an additional means to compare CSG's current financial results with historical and future periods.
- Stock-based compensation results from CSG's issuance of equity awards to its employees under incentive
 compensation programs. The amount of this incentive compensation in any period is not generally linked to
 the level of performance by employees or CSG. The exclusion of these expenses in calculating CSG's nonGAAP financial measures allows management and investors an additional means to evaluate the non-cash
 expense related to compensation included in CSG's results of operations, and therefore, the exclusion of
 this item allows investors to further evaluate the cash generating capabilities of CSG's business.
- The convertible notes OID is the result of allocating a portion of the principal balance of the debt at issuance to the equity component of the instrument, as required under current accounting rules. This OID is then amortized to interest expense over the life of the respective convertible debt instrument. The interest expense related to the amortization of the OID is a non-cash expense, and therefore, the exclusion of this item allows investors to further evaluate the cash interest costs of CSG's convertible notes for cash flow, liquidity, and debt service purposes.
- Gains and losses related to the extinguishment of debt are a result of the refinancing of CSG's credit agreement and/or repurchase of CSG's convertible notes. These activities are not considered reflective of CSG's recurring business operating results. Any resulting gain or loss is generally non-cash income or expense, and therefore, the exclusion of these items allows investors to further evaluate the cash impact of these activities for cash flow and liquidity purposes. In addition, the exclusion of these gains and losses in calculating CSG's non-GAAP EPS allows management and investors an additional means to compare CSG's current operating results with historical and future periods.
- Gains or losses related to the acquisition or disposition of certain of CSG's business activities are not considered reflective of CSG's recurring business operating results. Any resulting gain or loss is generally non-cash income or expense, and therefore, the exclusion of these items allows investors to further evaluate the cash impact of these activities for cash flow and liquidity purposes. In addition, the exclusion of these gains and losses in calculating CSG's non-GAAP EPS allows management and investors an additional means to compare CSG's current operating results with historical and future periods.

Unusual items within CSG's quarterly and/or annual income tax expense can occur from such things as
income tax accounting timing matters, income taxes related to unusual events, or as a result of different
treatment of certain items for book accounting and income tax purposes. Consideration of such items in
calculating CSG's non-GAAP financial measures allows management and investors an additional means to
compare CSG's current financial results with historical and future periods.

CSG also reports non-GAAP adjusted EBITDA and non-GAAP free cash flow. Management believes non-GAAP adjusted EBITDA is a useful measure to investors in evaluating CSG's operating performance, debt servicing capabilities, and enterprise valuation. CSG defines non-GAAP adjusted EBITDA as income before interest, income taxes, depreciation, amortization, stock-based compensation, foreign currency transaction adjustments, acquisition-related expenses, and unusual items, such as restructuring and reorganization charges, executive transition costs, gains and losses related to the extinguishment of debt, and gains and losses on acquisitions or dispositions, as discussed above. Additionally, management uses non-GAAP free cash flow, among other measures, to assess its financial performance and cash generating capabilities, and believes that it is useful to investors because it shows CSG's cash available to service debt, make strategic acquisitions and investments, repurchase its common stock, pay cash dividends, and fund ongoing operations. CSG defines non-GAAP free cash flow as net cash flows from operating activities less the purchases of software, property and equipment.

Non-GAAP Financial Measures

Non-GAAP Adjusted Revenue:

The reconciliations of GAAP revenue to non-GAAP adjusted revenue for the indicated periods are as follows (in thousands):

	Quarter Decem		 Year E Decem	
	2021	2020	2021	2020
GAAP revenue	\$ 275,025	\$ 260,487	\$ 1,046,487	\$ 990,533
Less: Transaction fees	(17,377)	(17,239)	(66,722)	(67,671)
Non-GAAP adjusted revenue	\$ 257,648	\$ 243,248	\$ 979,765	\$ 922,862

Non-GAAP Operating Income:

The reconciliations of GAAP operating income to non-GAAP operating income for the indicated periods are as follows (in thousands, except percentages):

	Quarter Ended December 31,					Year Ended December 31,				
		2021	2020			2021		2020		
GAAP operating income	\$	27,880	\$	23,675	\$	124,186	\$	105,556		
Restructuring and reorganization charges (1)		1,841		1,051		4,870		5,328		
Executive transition costs (1)		443		11,226		503		13,012		
Acquisition-related expenses:										
Amortization of acquired intangible assets		3,573		2,681		11,645		11,816		
Earn-out compensation		-		-		(2,521)		-		
Transaction-related costs		313		(728)		1,450		(587)		
Stock-based compensation (1)		6,102		5,082		21,580		19,762		
Non-GAAP operating income	\$	40,152	\$	42,987	\$	161,713	\$	154,887		
Non-GAAP adjusted revenue	\$	257,648	\$	243,248	\$	979,765	\$	922,862		
Non-GAAP adjusted operating margin percentage		15.6%		17.7%		16.5%		16.8%		

⁽¹⁾ Stock-based compensation included in the tables above and following excludes amounts that have been recorded in restructuring and reorganization charges and executive transition costs.

Non-GAAP EPS:

The reconciliations of GAAP EPS to non-GAAP EPS for the indicated periods are as follows (in thousands, except per share amounts):

	Quarter Ended December 31, 2021					Quarter Ended December 31, 2020				
		ounts		EPS (4)		Amounts		S (4)		
GAAP net income	\$	17,249	\$	0.54	\$	13,265	\$	0.41		
GAAP income tax provision (3)		6,846				6,423				
GAAP income before income taxes	·	24,095				19,688				
Restructuring and reorganization charges (1)		1,841				1,051				
Executive transition costs (1)		443				11,226				
Acquisition-related costs:										
Amortization of acquired intangible assets		3,573				2,681				
Transaction-related costs		313				(728)				
Stock-based compensation (1)		6,102				5,082				
Amortization of OID		671				762				
Non-GAAP income before income taxes	·	37,038				39,762				
Non-GAAP income tax provision (3)	((10,650)				(10,864)				
Non-GAAP net income	\$	26,388	\$	0.83	\$	28,898	\$	0.90		

	Year E December		Year Ended December 31, 2020				
	Amounts	EPS (4)	Amounts	EPS (4)			
GAAP net income	\$ 72,331	\$ 2.26	\$ 58,711	\$ 1.82			
GAAP income tax provision (3)	28,615		26,645				
GAAP income before income taxes	100,946		85,356				
Restructuring and reorganization charges (1)	4,870		5,328				
Executive transition costs (1)	503		13,012				
Acquisition-related expenses:							
Amortization of acquired intangible assets	11,645		11,816				
Earn-out compensation	(2,521)		-				
Transaction-related costs	1,450		(587)				
Stock-based compensation (1)	21,580		19,762				
Amortization of OID	3,021		2,983				
Loss on acquisition of controlling interest (2)	6,180		-				
Non-GAAP income before income taxes	147,674		137,670				
Non-GAAP income tax provision (3)	(40,522)		(36,978)				
Non-GAAP net income	\$ 107,152	\$ 3.35	\$ 100,692	\$ 3.12			

- (2) During the third quarter of 2021, CSG acquired a controlling interest in a mobile money fintech payment company that it previously held only an equity interest in. Upon acquisition of the controlling interest, CSG recognized a non-cash loss in other income (expense) related to the fair value remeasurement of the pre-existing equity investment.
- (3) For the fourth quarter and year ended December 31, 2021 the GAAP effective income tax rate was approximately 28% for both periods, and the non-GAAP effective income tax rate was approximately 29% and 27%, respectively. For the fourth quarter and year ended December 31, 2020 the GAAP effective income tax rates were approximately 33% and 31%, respectively, and the non-GAAP effective income tax rate was approximately 27% for both periods.
- (4) The outstanding diluted shares for the fourth quarter and year ended December 31, 2021 were 31.9 million and 32.0 million, respectively, and for the fourth quarter and year ended December 31, 2020 were 32.2 million and 32.3 million, respectively.

Non-GAAP Adjusted EBITDA:

CSG's calculation of non-GAAP adjusted EBITDA and the reconciliation of CSG's non-GAAP adjusted EBITDA measure to GAAP net income is provided below for the indicated periods (in thousands, except percentages):

	Quarter Ended December 31,					Year Ended December 31,			
		2021		2020		2021		2020	
GAAP net income	\$	17,249	\$	13,265	\$	72,331	\$	58,711	
GAAP income tax provision		6,846		6,423		28,615		26,645	
Interest expense (5)		3,708		3,606		14,569		15,500	
Amortization of OID		671		762		3,021		2,983	
Interest and investment income and other, net (7)		(594)		(381)		5,650		1,717	
GAAP operating income		27,880		23,675		124,186		105,556	
Restructuring and reorganization charges (1)		1,841		1,051		4,870		5,328	
Executive transition costs (1)		443		11,226		503		13,012	
Acquisition-related expenses:									
Amortization of acquired intangible assets (6)		3,573		2,681		11,645		11,816	
Earn-out compensation		-		-		(2,521)		-	
Transaction-related costs		313		(728)		1,450		(587)	
Stock-based compensation (1)		6,102		5,082		21,580		19,762	
Amortization of other intangible assets (6)		3,383		3,400		13,316		13,216	
Amortization of customer contract costs (6)		6,247		4,432		21,218		17,190	
Depreciation		6,231		5,910		24,835		22,926	
Non-GAAP adjusted EBITDA	\$	56,013	\$	56,729	\$	221,082	\$	208,219	
Non-GAAP adjusted EBITDA as a percentage of non-GAAP adjusted revenue		21.7%	,	23.3%		22.6%		22.6%	
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- (5) Interest expense includes amortization of deferred financing costs as provided in Note 6 below.
- (6) Amortization on the statement of cash flows is made up of the following items for the indicated periods (in thousands):

	Quarter Ended					Year Ended					
		December 31,				Decem	nber 31,				
		2021		2020		2021		2020			
Amortization of acquired intangible assets	\$	3,573	\$	2,681	\$	11,645	\$	11,816			
Amortization of other intangible assets		3,383		3,400		13,316		13,216			
Amortization of customer contract costs		6,247		4,432		21,218		17,190			
Amortization of deferred financing costs		449		436		1,787		1,725			
Total amortization	\$	13,652	\$	10,949	\$	47,966	\$	43,947			

(7) Included in interest and investment income and other, net for the year ended December 31, 2021, is the \$6.2 million loss on acquisition of controlling interest, discussed above.

Non-GAAP Free Cash Flow:

CSG's calculation of non-GAAP free cash flow and the reconciliation of CSG's non-GAAP free cash flow measure to cash flows from operating activities are provided below for the indicated periods (in thousands):

	Quarter Ended December 31,				Year E Decem		
		2021		2020	2021		2020
Cash flows from operating activities	\$	51,914	\$	56,864	\$ 140,223	\$	172,993
Purchases of software, property and							
equipment		(4,031)		(5,196)	(26,562)		(29,397)
Non-GAAP free cash flow	\$	47,883	\$	51,668	\$ 113,661	\$	143,596

Non-GAAP Financial Measures - 2022 Financial Guidance

Non-GAAP Adjusted Revenue:

The reconciliation of GAAP revenue to non-GAAP adjusted revenue, as included in CSG's 2022 full year preliminary financial outlook, is as follows:

	2022 Guidance Range					
	Low Range			High Range		
GAAP revenue	\$	1,070,000	\$	1,110,000		
Less: Transaction fees		(70,000)		(77,000)		
Non-GAAP adjusted revenue	\$	1,000,000	\$	1,033,000		

Non-GAAP Operating Income:

The reconciliation of GAAP operating income to non-GAAP operating income, as included in CSG's 2022 full year financial guidance, is as follows (in thousands, except percentages):

	2022 Guidance Range				
		Low Range	Н	ligh Range	
Operating Income					
GAAP operating income	\$	121,200	\$	131,800	
Restructuring and reorganization charges		1,400		1,400	
Executive transition costs		1,300		1,300	
Acquisition-related expenses:					
Amortization of acquired intangible assets		11,000		11,000	
Stock-based compensation		30,100		30,100	
Non-GAAP operating income	\$	165,000	\$	175,600	
Operating Margin Percentage					
Non-GAAP adjusted revenue	\$	1,000,000	\$	1,033,000	
Non-GAAP adjusted operating margin percentage		16.5%		17.0%	

Non-GAAP EPS:

The reconciliation of GAAP EPS to non-GAAP EPS as included in CSG's 2022 full year financial guidance is as follows (in thousands, except per share amounts):

	2022 Guidance Range								
	Low Range				High Ran			ıge	
		Amounts	El	PS (9)	Δ	mounts	EP	S (9)	
GAAP net income	\$	78,200	\$	2.44	\$	85,900	\$	2.68	
GAAP income tax provision (8)		29,700				32,600			
GAAP income before income taxes		107,900			Ÿ	118,500			
Restructuring and reorganization charges		1,400				1,400			
Executive transition costs		1,300				1,300			
Acquisition-related expenses:									
Amortization of acquired intangible assets		11,000				11,000			
Stock-based compensation		30,100				30,100			
Non-GAAP income before income taxes		151,700				162,300			
Non-GAAP income tax provision (8)		(41,600)				(44,500)			
Non-GAAP net income	\$	110,100	\$	3.44	\$	117,800	\$	3.68	

- (8) For 2022, the estimated effective income tax rate for GAAP and non-GAAP purposes is expected to be 27.5% and 27.4%, respectively.
- (9) The weighted-average diluted shares outstanding are expected to be approximately 32 million.

Non-GAAP Adjusted EBITDA:

CSG's calculation of non-GAAP adjusted EBITDA and the reconciliation of CSG's non-GAAP adjusted EBITDA measure to GAAP net income is provided below for CSG's 2022 full year financial guidance (in thousands, except percentages):

	2022 Guidance Range					
	L	ow Range	Hi	High Range		
GAAP net income	\$	78,200	\$	85,900		
GAAP income tax provision (6)		29,700		32,600		
Interest expense		13,500		13,500		
Interest and investment income and other, net		(200)		(200)		
GAAP operating income		121,200		131,800		
Restructuring and reorganization charges		1,400		1,400		
Executive transition costs		1,300		1,300		
Acquisition-related expenses:						
Amortization of acquired intangible assets		11,000		11,000		
Stock-based compensation		30,100		30,100		
Amortization of other intangible assets		9,900		9,900		
Amortization of client contract costs		19,200		19,200		
Depreciation		31,100		31,100		
Non-GAAP adjusted EBITDA	\$	225,200	\$	235,800		
Non-GAAP adjusted EBITDA as a percentage of non-GAAP						
adjusted revenue		22.5%		22.8%		

Non-GAAP Free Cash Flow:

CSG's calculation of non-GAAP free cash flow and the reconciliation of CSG's non-GAAP free cash flow measure to cash flows from operating activities is provided below for the indicated period (in thousands):

	2022 Guidance Range				
	Lo	w Range	Hi	gh Range	
Cash flows from operating activities	\$	150,000	\$	170,000	
Purchases of software, property and equipment		(35,000)		(45,000)	
Non-GAAP free cash flow	\$	115,000	\$	125,000	