deluxe.

Investor Presentation

August 2022



dlx Cautionary Statement

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Any references to non-GAAP financial measures are reconciled to the comparable GAAP financial measures in this presentation.

dlx Deluxe Platforms Help Businesses Succeed in 3 Core Areas

1. Pay with Ease



Payables as a Service (Deluxe Payment Exchange - DPX)

Send digital payouts and remittance data without friction



Security and Protection

Fraud-prevention services for digital payments and checks



Payroll and HR services

Digital hiring and onboarding and payroll and benefit administration



Personal Check Automated Ordering Systems

Easy automated process for check-ordering for customers

2. Get Paid Faster



Receivables as a Service

Automate payment processing and cash application for all receivables



Merchant Services

End-to-end omni-channel payment acceptance



Lockbox Services

Reliable, secure and scalable check processing solutions



Remote Deposit Capture

3. Grow Profitably



Data-Driven Marketing

Actionable data, analytics and campaign solutions



Promotional Solutions

Accelerate growth, brand management through integrated platform



Banker's Dashboard

Anywhere, anytime access to financial performance for FIs



Incorporation Services

Incorporation and licensing services and logo design along with other new business set-up services

trusted payments & business technology™ company

dlx Scale & Growth in Big Markets: Payments and Data

	OUR SOLUTIONS	WHERE & HOW WE WIN	WHY WE WIN	CURRENT SCALE
1. Pay with	Payables as a Service (DPX) Send digital payouts and remittance data without friction	Selling to Enterprises and SMBs directly and through Fls and industry-specific partners.	» Non-disruptive to AP» Payment choice flexibility» Expanding use cases	\$24B in disbursements
Ease	Payroll and HR Pay employees and streamline HR processes – all in one place	Selling to SMBs directly, through Fls, resellers, acquirers and ISVs	» Trusted partner to SMBs» Next-Gen self-onboarding» Automated HR workflows	\$8.8B managed payroll funds ¹
2. Get	Receivables as a Service (RaaS) Automate payment processing and cash application	Selling to SMBs and Enterprises through FIs	 » All-in-one AR cloud solution » Intelligent matching » 360-degree view of all data 	\$3.0T in receivables processed ²
Paid Faster	Merchant Services End-to-end omni-channel payment acceptance	Selling to SMBs, directly, through Fls, ISV & partners	» Scaled and leading acquirer» Vertical specialty» ISV and bank strength	\$27B in card processing volume
3. Grow Profitably	Data-Driven Marketing (DDM) Acquire, grow, and retain customers with strategic campaigns using sourced data	Selling to FIs and Enterprise Verticals directly	 » Full-service, omnichannel, B2B & B2C marketing » Multi-sourced data assets 	30+ proprietary insight scores

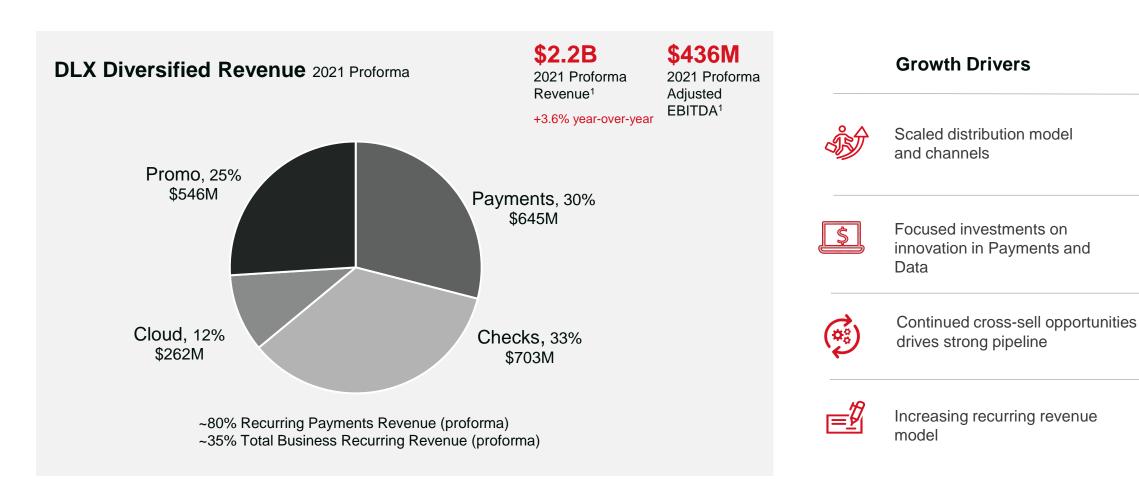
» Specialized campaign strategy + execution

1 Includes US and Canada

2 Includes processed directly in outsourced model and indirectly through partners using our software

dlx 4 Clear Segments: Payments | Cloud | Promo | Checks

Diversification, Growth, and Strong, Predictable Cash Flow



¹ Assumes the acquisition occurred on January 1, 2020, and calculated utilizing the methodology described in the Company's Form 8-K/A filed on August 10, 2021. See Reconciliations for the reconciliation of Pro Forma Adjusted EBITDA to Pro Forma Net Income.

dlx Power of One Deluxe Model: Exceptional Reach

Targeting Enterprises and Small Businesses









4,000 financial institution partners
Preferred partner for 180 of the top 200 banks

100+ integrated software providers Integrated payment functionality into various vertical-specific solutions

Business partners
Vertical-Specific Affiliates
and Independent Sales
Organizations (ISOs), who
market and sell First
American by Deluxe

solutions

Direct-to-business

4M Small-Medium

Business customers and more than 200 enterprise customers through an extensive inside and national field sales team of more than 150 reps

Marketplaces
and platform
integrations
Embedding solutions
into all-digital partner
experiences and
marketplaces

One Deluxe Model = Powerful Cross-Selling Engine

Solve customer problems with multiple Deluxe Solutions – not peddling one solution at a time.

dlx One Deluxe Results & Opportunity

- » Sales-driven growth in FY 2021 first time in nearly a decade
- » Sold 13 of largest 20 deals of the last decade, and largest in company history during COVID
- » First American acquisition
 - Tripled new bank deals within first 180 days
 - Accelerated growth from historically low single to double digits



- » 30-year customer 1 product: Check
- » Listened to customer needs
- » Delivered solutions to meet challenges
- » >4 products sold from each segment



- » Multi-year customer 1 product: Data
- » Listened to customer needs
- » Delivered solutions to meet challenges
- » Largest sale in company history

Opportunity: Repeat with our 4,000 FI, 4 Million SMBs & 100s of global brands

dlx Driving Innovation Through Robust Technology Platforms

Pay with Ease

Get Paid Faster

Grow Profitably



Accessible

Easily access front and back-end portals anytime, anywhere



Elastic

Easily add or remove capabilities as needed



Fast Deployments

Integrated APIs to enable speedy implementations and access to infrastructure in minutes





Secure

A collection of tools to protect data and privacy



Scalable

Access to effectively limitless capability



Connected Interfaces

Content, user interfaces, collaboration, communication, and identify management into single user experiences

Strategic, cloud-based platforms support and enable our growth initiatives

dlx Successfully Executing Growth Strategy

Four Pillars Driving Future Growth

Sales



- Unified Go-To-Market sales approach
- Cross-sell to new and existing customers
- Continue to expand distribution model via sellthrough partners

Growth **Businesses**



- Focus on growing Payments and Data
- Continue to innovate new products and services
- Continue moving to recurring revenue model

Promotional Solutions Profitability



- Continue to improve distribution cost model
- Continue moving to recurring revenue model

Checks



- Capture new market share
- Executing on investments to optimize the business
- Driving strong cash flow to invest in Payments and Cloud
- Strong lead generation

One Deluxe = trusted payments & business technology™ company

dlx Positioned for Long-Term Growth

Established Strong Foundation



What's Next



Built sales organization

- Unified view of the customer
- Leverage existing customers to cross-sell additional products
- One Deluxe approach continues to drive new wins

Scaled and modernized technology

- Implemented new infrastructure
- Technology supports distribution

Continue to scale distribution model

- Sell-through partners
- Expand into new verticals
- Added customer success

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Drive technology platform scale

- Increased efficiencies after ERP
- **Building API capabilities**

Product Innovation

- Established Innovation & Customer Experience Center
- Rolled out new products such as Digital Payments and HR/Payroll
- Implemented design thinking

Sustained Innovation

- Payments and Data focused initiatives
- New products and features





dlx Payments Growth Fueled by Innovation

» Fastest Growing Segment in Strong Secular Growth Industry Enabling Businesses of all Sizes to Pay, Get Paid, and Grow Profitably 2021 Proforma Revenue¹ \$645M 2021 % Proforma Company 30% Revenue
2021 Adjusted EBITDA 21%

2021 Adjusted EBITDA Margin

Expected LT Growth High-single digit

	Our Solutions		Where We Win	Why We Win
h Ease		Payables as a Service (DPX) Send digital payouts and remittance data without friction	Seamlessly converting ad-hoc B2B and B2C disbursements from paper to digital	» Non-disruptive to AP» Payment choice flexibility» Expanding use cases
Pay with	000	Payroll and HR Pay employees and streamline HR processes – all in one place	Helping small businesses take back time-starved days with a complete hire-to-retire solution	» Trusted partner to SMBs» Next-Gen self-onboarding» Automated HR workflows
Get Paid Faster		Receivables as a Service Automate payment processing and cash application	Partnering with banks to help businesses optimize liquidity and working capital	 » All-in-one AR cloud solution » Intelligent matching » 360-degree view of all data » Scaled lockbox operation
		Merchant Services End-to-end omni-channel payment acceptance	Powering payments for small and large merchants through diversified distribution	» Scaled and leading acquirer» Vertical specialty» ISV and bank strength

Expecting long-term high-single digit revenue growth

dlx Differentiation: Leading With Technology and Distribution

Platform Scale



\$3.0T

receivables transactions¹

- » Unrivaled scale
- » End-to-end automation



\$27B+

processing volume

- » Digital and paper receivables
- » Top 10 non-bank acquirer
- » 160,000 merchants
- » Omnichannel capabilities



\$25B+

payments disbursed

- » 3 million suppliers and consumers paid
- » 5 million employees paid





4,000

financial institution partners

- » 180 of the top 200 banks
- » One-to-many distribution
- » Natural product cross-selling
- » Additional partners and verticals
- » Internal sales force

¹ Includes processed directly in outsourced model and indirectly through partners using our software

dlx Strong Market Position Winning Against Point Solutions Providers



A compelling product portfolio showing a clear end vision for customers



A partner-first strategy with Financial Institutions unlike other Fintechs



Strong market
momentum with
expansion into adjacent
areas and new use cases

Deluxe Payments

Optimizing how businesses pay, get paid, and grow profitably

Our Competitors

Payables as a Service (DPX)	Payroll and HR	Receivables as a Service	Merchant Services	Lockbox Services
FIS	PAYCHEX	FIS	FIS	exela
tipalti.	gusto	Ohighradius	Elavon	CONDUENT
S Bottomline	Heartland A Global Payments Company	billtrust	g global payments	checkalt;
⊠ avidxchange	*bamboohr	fiserv.	fiserv.	
(Mex)		versapay	stripe	
CORPORATE SPENDING	Square	EMAGIA Data-driven Finance	Square	

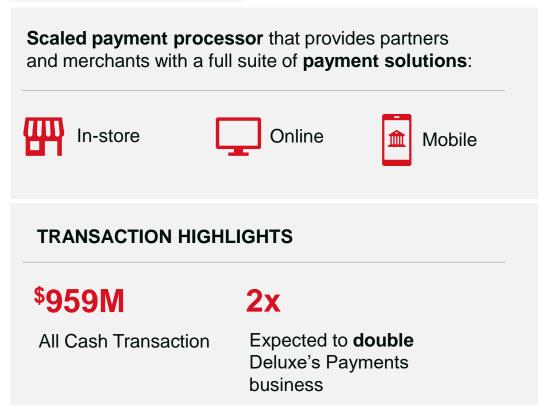
dlx Market: Underpenetrated and Massive Opportunity

Pay with Ease	Get Paid Faster
Payables as a Service Convert paper to digital payouts and evolve to integrated payables for	Receivables as a Service Automating payment processing and cash application for all receivables is a
\$25T \$11T B2B payments volume addressable market B2C payments volume addressable market	\$5-10B addressable market
Payroll and HR	Merchant Services
Pay employees and streamline HR processes is a	End-to-end omni-channel payment acceptance is a
\$9B addressable market	\$19B+ addressable market

dlx Transforming Into a Scaled Payments Company



The largest acquisition in Deluxe's 100+ year history

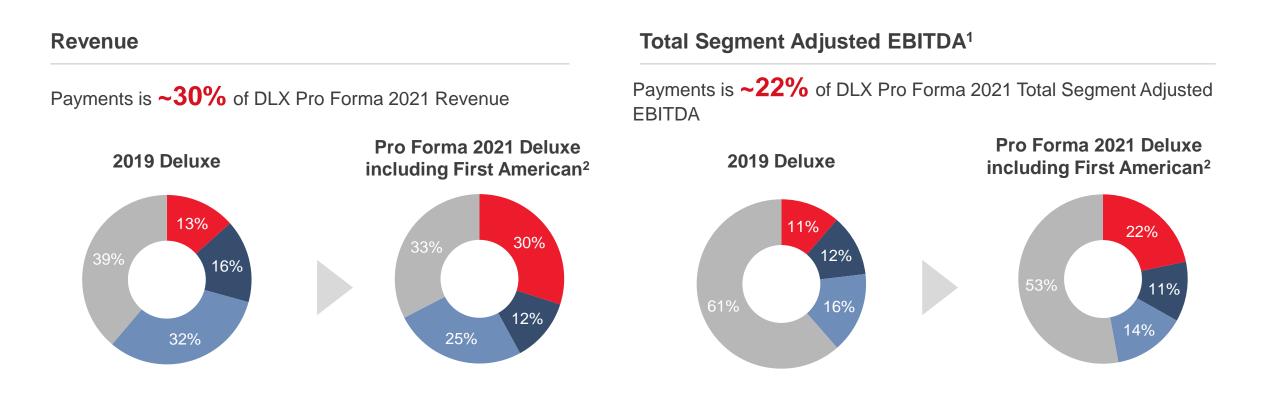




Driving meaningful revenue synergies to help Payments' revenue equal Checks by end of 2022

■ Payments ■ Cloud ■ Promotional ■ Checks

dlx Payments Becoming a Larger Portion of Revenue and Adjusted EBITDA



Payments revenue expected to equal Checks by the end of 2022

Cloud Solutions

dlx Cloud Solutions: Data-Driven Growth

» Moderate Growth Segment to Grow Enterprises and Start / Manage SMBs

Our Solutions	Where We Win	Why We Win	
Data Analytics Full-service, omni-channel, B2B & B2C marketing	Fls and Enterprises Shifting to highly targeted campaigns & digital integration for customer acquisition. Improving through new data sources.	 Sophisticated AI tools Proprietary Data; custom solutions Pay-for-Performance and/or Pay-For-Service 	2021 \$262M Revenue 2021 % 12% Proforma Company Revenue ¹
SaaS Solutions DIY and DIFM models. Incorporation, logo, web design services, etc.	SMBs and FIs Increasing need for digital tools and support to effectively set up and manage business operations	Easy to useEasy to find on-lineCompetitively pricedPotential product bundling	2021 27% Adjusted EBITDA Margin
Web Hosting Online presence supporting commerce	SMBs, Web developers and Internet Providers Significant interest in public cloud coupled with desire for complementary digital customer engagement solutions	Bundled by resellersLow-cost acquisition	Expected Mid-to LT Growth high- single digit

Expecting long-term mid- to high single-digit revenue growth largely driven by Data

Promo



Promotional Solutions: Tech-Driven Platform

» Modest growth segment helping businesses manage their brand and physical corporate-branded merchandise

Our Solutions	Where We Win	Why We Win	
Platform to Manage a Business's Physical Brand Impression	SMBsEnterprisesGlobal Brands	Omni-channel distributionWell-curated selectionRapid innovation	2021 \$546M Revenue
CustomizedEase of accessReporting insightsSelf-service platform		Turn-Key Business-Branded Product/Inventory Management • Managed Service • Branded merchandising • Recurring revenue streams	2021 % Proforma Company Revenue ¹ 2021 Adjusted
Manufacturing Traditional Business Essentials Branded forms Branded direct mailing pieces Branded physical products	Market GrowthFlatContinue to increase scale	Support Rapidly Changing Market Demands Rapid prototyping Deep sources of supply Meet unique needs Ease of access Reporting insights	EBITDA Margin Expected LT Low-single Growth digit

Easy and Fast Cross-Sell to Existing Customers

Checks

dlx

Checks: Trusted, Long-Term Relationships Drive Cross-Sells

» Rich Cash-Generating Segment Funding Deluxe's Overall Growth

Solut	Solutions Where We Win Why We Win		Why We Win		
	Strong cash flow organically funds growth AND generates healthy return of capital to shareholders	Growing market share among FIs and other resellers of all sizes	 Superior Product – appropriate continued investment; design and customization options Superior Service – dedicated customer/account teams 	2021 Revenue 2021 % Proforma Company	\$703M 33%
8 <u>~</u> 8 \8/	Lead generation source for cost-effective cross-selling other DLX solutions to existing customers		 Superior Quality – minimal COVID-19 downtime/lost production Trust – 106-year history Balance Sheet – DLX is financially 	Revenue ¹ 2021 Adjusted EBITDA Margin	46%
			sound, driving material competitive advantage	Expected LT Decline	Mid- single digit

No Substitutes for B2B Use Cases – Billions Written Annually – Continue for Many Years Foundation for Strong, Predictable Cash Generation

dlx Deluxe Competitive Landscape

Cloud

Payments

· Fiserv, FIS, Global Payments

- Paychex, ADP, Paycor, Gusto, Intuit, OnPay, Paylocity
- Bill.com, AvidExchange, Mineral Tree, Biller Genie, PaySimple
- Square, PayPal, Zelle, Transcard
- High Radius, Emagia, VersaPay, Rimilia, Exela Technologies, Esker

- LegalZoom, BizFilings, IncNow
- Cimpress/VistaPrint,
 DesignMantic, Tailor Brands,
 Logoworks, Logobee, 99designs,
 DesignCrowd
- MailChimp, Aweber, Sendgrid, GoDaddy, iContact
- 1+1, Go Daddy, Web.com, Endurance, BlueHost, Wix, Weebly
- Gannett/ ReachLocal, HubSpot, Boostability, Web.com
- Haberfeld, Epsilon, Acxiom, Merkle, Harte Hanks, Palantir, Infogroup, LiveRamp
- SNL Banker

Web to Print and Local Printers

Promotional

Products

- Ennis, RR Donnelley, Quad Graphics, Taylor Corp, Costco, Sam's Club, Uline, Webb Mason, Broadridge, FMG Suite, Proforma, InnerWorkings, American Solutions for Business
- Staples, Office Depot, FedEx
- 4imprint, HALO, VistaPrint, BDA, Cimpress,
- Amazon

Checks

- Harland Clarke, Main Street
- Bradford Exchange, Current, Carousel, WalMart, Costco, Intuit, Cimpress, Ennis, Finastra

dlx Investor Contact



Tom Morabito
Vice President, Investor Relations
tom.morabito@deluxe.com







Consolidated Condensed Statements of Income

in millions, except per share amounts (Unaudited)

	Quarter E Decembe		Year En Decembe	
	2021	2020	2021	2020
Product revenue	\$336.9	\$322.5	\$1,244.5	\$1,230.7
Service revenue	233.7	132.0	777.7	560.1
Total revenue	570.6	454.5	2,022.2	1,790.8
Cost of products	(120.1)	(125.8)	(450.9)	(458.7)
Cost of services	(135.0)	(66.2)	(433.4)	(272.1)
Total cost of revenue	(255.1)	(192.0)	(884.3)	(730.8)
Gross profit	315.5	262.5	1,137.9	1,060.0
Selling, general and administrative expense	(255.4)	(207.0)	(941.0)	(841.7)
Restructuring and integration expense	(16.7)	(18.9)	(54.7)	(75.9)
Asset impairment charges		<u> </u>		(101.7)
Operating income	43.4	36.6	142.2	40.7
Interest expense	(20.0)	(4.9)	(55.6)	(23.1)
Other income	0.7	0.7	7.2	9.2
Income before income taxes	24.1	32.4	93.8	26.8
Income tax provision	(10.3)	(7.7)	(31.0)	(21.5)
Net income	13.8	24.7	62.8	5.3
Non-controlling interest	<u> </u>	<u> </u>	(0.2)	(0.1)
Net income attributable to Deluxe	\$13.8	\$24.7	\$62.6	\$5.2
Weighted average dilutive shares	43.1	42.2	42.8	42.1
Diluted earnings per share	\$0.32	\$0.58	\$1.45	\$0.11
Adjusted diluted earnings per share	1.26	1.38	4.88	5.08
Capital expenditures	28.1	19.9	109.1	62.6
Depreciation and amortization expense	45.8	27.7	148.8	110.8
EBITDA	89.9	65.0	298.0	160.6
Adjusted EBITDA	117.1	94.9	407.8	364.5



Segment Information

in millions (Unaudited)

	Quarter Ended December 31,		Year Eı Decemb		
	2021	2020	2021	2020	
Revenue:					
Payments	\$167.3	\$78.0	\$510.4	\$301.9	
Cloud Solutions	62.5	59.2	262.3	252.8	
Promotional Solutions	156.7	144.0	546.5	529.6	
Checks	184.1	173.3	703.0	706.5	
Total	\$570.6	\$454.5	\$2,022.2	\$1,790.8	
Adjusted EBITDA:					
Payments	\$34.5	\$17.8	\$105.6	\$68.1	
Cloud Solutions	15.1	16.1	70.2	61.6	
Promotional Solutions	28.6	20.1	85.4	66.6	
Checks	83.2	83.3	324.2	341.7	
Corporate	(44.3)	(42.4)	(177.6)	(173.5)	
Total	\$117.1	\$94.9	\$407.8	\$364.5	
Adjusted EBITDA Margin:					
Payments	20.6%	22.8%	20.7%	22.6%	
Cloud Solutions	24.2%	27.2%	26.8%	24.4%	
Promotional Solutions	18.3%	14.0%	15.6%	12.6%	
Checks	45.2%	48.1%	46.1%	48.4%	
Total	20.5%	20.9%	20.2%	20.4%	



Reconciliation of GAAP to Non-GAAP Measures

EBITDA, Adjusted EBITDA, and Adjusted EBITDA Margin in millions (Unaudited)

	Quarter Ended December 31,		Year Ended December 31,	
_	2021	2020	2021	2020
Net income	\$13.8	\$24.7	\$62.8	\$5.3
Non-controlling interest	_		(0.2)	(0.1)
Interest expense	20.0	4.9	55.6	23.1
Income tax provision	10.3	7.7	31.0	21.5
Depreciation and amortization expense	45.8	27.7	148.8	110.8
EBITDA	89.9	65.0	298.0	160.6
Asset impairment charges	_	_		101.7
Restructuring, integration and other costs	17.9	21.6	59.0	80.7
Share-based compensation expense	7.7	6.5	29.5	21.8
Acquisition transaction costs	0.1	_	18.9	
Certain legal-related expense (benefit)	1.5	_	2.4	(2.1)
Loss on sales of businesses and customer lists		1.8		1.8
Adjusted EBITDA	\$117.1	\$94.9	\$407.8	\$364.5
Adjusted EBITDA as a percentage of total revenue (adjusted EBITDA margin)	20.5 %	20.9 %	20.2 %	20.4 %



Reconciliation of GAAP to Non-GAAP Measures

Adjusted Diluted EPS

dollars and shares in millions, except per share amounts (Unaudited)

	Quarter Ended December 31,		Year Ended December 31,	
_	2021	2020	2021	2020
Net income	\$13.8	\$24.7	\$62.8	\$5.3
Non-controlling interest			(0.2)	(0.1)
Net income attributable to Deluxe	13.8	24.7	62.6	5.2
Asset impairment charges	_	_	_	101.7
Acquisition amortization	27.2	13.8	82.9	55.9
Restructuring, integration and other costs	17.9	21.6	59.0	80.7
Share-based compensation expense	7.7	6.5	29.5	21.8
Acquisition transaction costs	0.1	_	18.9	_
Certain legal-related expense (benefit)	1.5	_	2.4	(2.1)
Loss on sales of businesses and customer lists	_	1.8	_	1.8
Adjustments, pre-tax	54.4	43.7	192.7	259.8
Income tax provision impact of pretax adjustments ⁽²⁾	(13.7)	(10.2)	(45.8)	(50.1)
Adjustments, net of tax	40.7	33.5	146.9	209.7
Adjusted net income attributable to Deluxe	54.5	58.2	209.5	214.9
Income allocated to participating securities	_	_	(0.2)	(0.1)
Re-measurement of share-based awards classified as liabilities	(0.1)	_	(0.4)	(0.8)
Adjusted income attributable to Deluxe available to common shareholders	\$54.4	\$58.2	\$208.9	\$214.0
Weighted-average dilutive shares	43.1	42.2	42.8	42.1
Adjustment ⁽³⁾	(0.1)	_	_	_
Adjusted weighted-average dilutive shares	43.0	42.2	42.8	42.1
GAAP Diluted EPS	\$0.32	\$0.58	\$1.45	\$0.11
Adjustments, net of tax	0.94	0.80	3.43	4.97
Adjusted Diluted EPS	\$1.26	\$1.38	\$4.88	\$5.08



Reconciliation of GAAP to Non-GAAP Measures

Pro Forma Adjusted EBITDA

In millions (Unaudited)

	Year Ended December 31, 2021
Pro forma net income	\$72.9
Net income attributable to non-controlling interest	(0.1)
Pro forma Interest expense	76.7
Pro forma Income tax provision	32.7
Pro forma depreciation and amortization expense	163.1
Restructuring, integration and other costs	59.0
Pro forma share-based compensation expense	28.9
Certain legal-related expense	2.4
Pro forma adjusted EBITDA	\$435.6

Pro Forma Total Segment Adjusted EBITDA

in millions (Unaudited)

	Year Ended December 31, 2021
Pro forma total segment adjusted EBITDA	\$612.4
Pro forma Corporate operations	(176.8)
Pro forma depreciation and amortization expense	(163.1)
Pro forma Interest expense	(76.7)
Net income attributable to non-controlling interest	0.1
Restructuring, integration and other costs	(59.0)
Pro forma share-based compensation expense	(28.9)
Certain legal-related expense	(2.4)
Pro forma income before income taxes	\$105.6



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trusted payments & business technology