

# Adobe (ADBE US)

# **Entering Generative AI Era**

Adobe is a leading creativity and document SaaS platform, with >80%/>20% share of the global graphic processing/document processing software market, based on Statista data. As of Feb 2024, there were c.3tn Adobe-generated PDFs in the world and over 1.5bn monthly visits to Adobe's webs and apps. The provides company both individuals and enterprises Creative/Document/Experience Cloud services, which unleash their creativity, accelerate document productivity, and improve digital experience. Adobe has 1) the best-in-class subscription business model, with subscription contributing over 90% of revenue and a 46% non-GAAP OPM in FY23; 2) a strong financial profile with the highest FCF margin + revenue CAGR (2024E: 48% by our estimate) compared to other SaaS platforms at a similar or larger market cap; 3) better positioning to capture GenAl opportunities on its abundant creativity use cases. We initiate coverage on Adobe with a BUY rating and target price of US\$645.0 (based on 36x FY24 P/E).

- Well-positioned to benefit from the GenAl opportunities. Adobe has ample GenAl use-case applications monetization opportunities (which will help user base expansion, retention improvement, free-to-paid conversion, and potential price uplift), as it services a sizeable user group of knowledge workers and professional creators. Adobe has seen strong Al momentum since the launch of its Al services: the total number of images generated by Adobe FireFly reached 6.5bn in a year after its launch in Mar 2023, and over 40% mobile beta users of Adobe Express have used a GenAl feature, according to Adobe.
- Sizeable TAM to offer long growth runway. According to Adobe and our estimate, Adobe's total addressable market (TAM) is expected to record a CAGR of 13% over 2024-2027E and reach US\$293bn in 2027E, driven by broader use cases, increased free-to-paid conversion and enhanced value offerings. Creative/Document/Experience Cloud may each account for 31/16/53% of the TAM in 2027E, with a CAGR of 13/14/12% over 2024-2027E. Abode's total revenue in FY23 only accounted for 7% of the 2027E TAM, which suggests a long growth runway for Adobe in the long term.
- Initiate at BUY with TP of US\$645.0. We forecast Adobe's total revenue to grow at a CAGR of 10% over FY24-26E and reach US\$25.5bn in FY26E. With the ever-evolving AI opportunities, we see opportunities for Adobe to enhance monetization, by broadening reach to new customers and increasing free-to-paid conversion. We expect non-GAAP net income to grow by 11/13/12% YoY to US\$8.2/9.2/10.3bn in FY24/25/26E in the base case, primarily attributable to revenue growth and operating leverage boost. We value Adobe at US\$295bn (US\$645.0 per share) based on 36x 2024E P/E. Our target P/E is at a discount to the sector average (40x), as Adobe is at a more stable business growth stage but with a more unparalleled market position. We forecast Adobe to deliver a FY24-26E non-GAAP EPS CAGR of 12%, versus 21% SaaS peers' average. Initiate coverage at BUY.

#### **Earnings Summary**

(YE 01 Dec)	FY22A	FY23A	FY24E	FY25E	FY26E
Revenue (US\$ mn)	17,606	19,409	21,471	23,455	25,535
YoY growth (%)	11.5	10.2	10.6	9.2	8.9
Adjusted net profit (US\$ mn)	6,457.0	7,377.0	8,183.5	9,222.4	10,308.5
YoY growth (%)	7.6	14.2	10.9	12.7	11.8
EPS (Adjusted) (US\$)	13.54	15.70	17.91	20.18	22.56
Consensus EPS (US\$)	13.54	15.70	18.02	20.33	23.14
P/E (x)	56.2	48.5	42.4	37.1	32.8

Source: Company data, Bloomberg, CMBIGM estimates

#### BUY

Target Price US\$645.00 Up/Downside 15.2% Current Price US\$560.01

#### **China Internet**

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#### Stock Data

255,924.6
1,577.3
634.76/439.02
457.0

Source: FactSet

#### **Shareholding Structure**

The Vanguard Group	8.9%
BlackRock	8.4%

Source: Company data

#### **Share Performance**

	Absolute	Relative
1-mth	25.9%	17.9%
3-mth	12.2%	1.9%
6-mth	-3.5%	-20.3%

Source: FactSet

#### 12-mth Price Performance



Source: FactSet



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### Investment thesis

## Leading creativity and document productivity platform

Adobe is a leading creativity and document SaaS platform, with >80%/>20% share of the global graphic processing/document processing software market. As of Feb 2024, there were c.3tn Adobe-generated PDFs in the world and over 1.5bn monthly visits to Adobe's webs and apps. The company provides both individuals and enterprises with Creative/Document/Experience Cloud services, which unleash their creativity, accelerate document productivity, and improve digital experience. Adobe has 1) the best-in-class subscription business model, with subscription contributing over 90% of revenue and a 46% non-GAAP OPM in FY23; 2) a strong financial profile with the highest FCF margin + revenue CAGR (2024E: 48% by our estimate) compared to other SaaS platforms at a similar or larger market cap; and 3) a better positioning to capture GenAl opportunities on its abundant creativity use cases. We initiate coverage on Adobe with a BUY rating and target price of US\$645.0 (based on 36x FY24 P/E). Our target P/E is at a discount to the sector average (40x), as Adobe is at a more stable business growth stage (Adobe FY24-26E non-GAAP EPS CAGR of 12% vs. SaaS peers' avg. of 21%) but has an unparalleled market position.

## Well-positioned to benefit from the GenAl opportunities

Adobe is well positioned to capture the generative AI opportunities in our view, given its abundant AI use cases, sizeable user group of knowledge workers and professional creators, and rapid development of AI applications. The company has seen strong AI momentum since the launch of its AI services. Total number of images generated by Adobe FireFly reached 6.5bn in a year after its launch in Mar 2023. Over 40% mobile beta users of Adobe Express have used a GenAI feature. We expect Adobe will continue to benefit from generative AI opportunities in the long term, backed by: 1) user base expansion on broader use cases; 2) retention improvement; 3) free-to-paid conversion; 4) potential price uplift on increasing value of subscription plans; 5) new AI products and revenue streams such as FireFly and AI Assistant. We expect Adobe will continue to maintain leadership in both creative/document software market (80/21% market share in 2023 based on Statista), due to 1) its best-in-class AI model trained on abundant quality data; 2) well-established creative user community; 3) deep pocket to invest for long-term growth.

### US\$293bn TAM to provide a long growth runway

According to Adobe and our estimate, Adobe's TAM is expected to record a CAGR of 13% over 2024-2027E and reach US\$293bn in 2027E, driven by broader use cases, increased free-to-paid conversion and enhanced value offerings. Creative/Document/Experience Cloud may each account for 31/16/53% of the TAM in 2027E, with a CAGR of 13/14/12% over 2024-2027E. Adobe's solutions target a sizable user base, including 68mn creative professionals, 131mn knowledge workers, 900mn communicators (students, marketers, businesses) and 4bn consumers (hobbyists and social media users) in 2024. For different types of users, Adobe offers a wide spectrum of subscription plans that could satisfy the user demand, with pricing ranging from US\$0 to US\$90 per month.

## Drive sustainable earnings growth and enhance shareholder return

We forecast Adobe's total revenue to grow at a CAGR of 10% over FY24-26E and reach US\$25.5bn in FY26E, in the base case. With emerging AI opportunities and Adobe's efforts to broaden reach to new customers and increase free-to-paid conversion, we expect there could more monetization opportunities to be unleased. We expect the operating leverage, especially on selling and marketing front, to support non-GAAP NPM to rise from 38.0% in FY23 to 40.4% in FY26E. We expect non-GAAP net income to increase by 11/13/12% YoY to US\$8.2/9.2/10.3bn in FY24/25/26E, primarily attributable to the solid revenue growth and operating leverage. Looking ahead, the company will continue to invest in organic and inorganic opportunities to maximize growth, while it will consistently return capital via share repurchase. The company announced a new 4-year US\$25bn share repurchase program in Mar 2024, which represented 12% of its current market cap (as at 28 Jun 2024).



# Adobe: capturing GenAl opportunities

#### **Business overview**

Founded in 1982, Adobe is a leading SaaS platform focusing on digital creativity, productivity, and experience. The company provides both individuals and enterprises with Creative/Document/Experience Cloud services, which unleash their creativity, accelerate document productivity, and improve digital experience. 1) Creative Cloud: provides 20+ apps, web services, and resources for creative projects like photography, graphic design, and more. Flagship products include Photoshop, Premiere, and others. 2) Document Cloud: flagship product Acrobat, the world's leading PDF and e-signature solutions, turns manual document processes into efficient digital ones. 3) Experience Cloud: offers businesses solutions for customer journey management, data analytics, content personalization, commerce and marketing workflows that drive long-term customer success.

Figure 1: Adobe: business overview

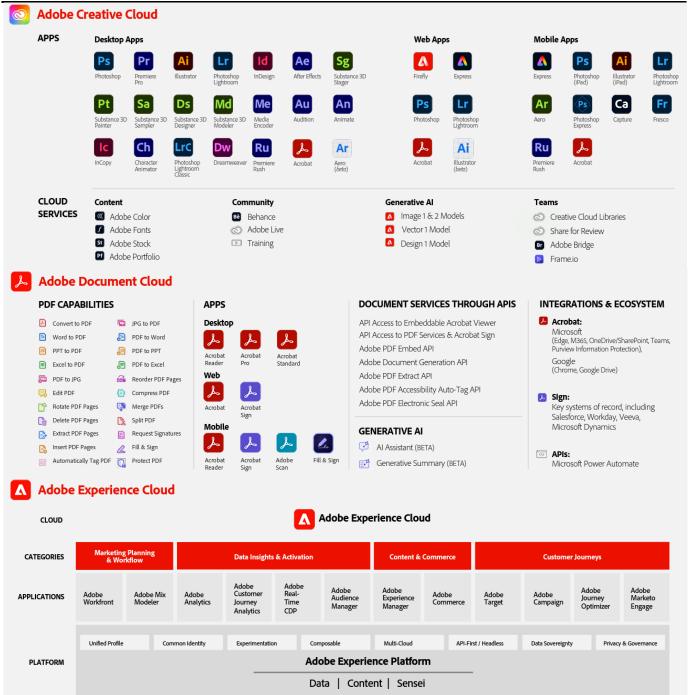
Segment	Solutions	Revenue (FY23)	<b>Customer Group</b>	Introduction
Digital Media	Creative Cloud	US\$11.5bn	Creativity Professionals & Communicators	Adobe Creative Cloud provides 20+ apps, web services, and resources for creative projects, including photography, graphic design, video editing and more. Flagship products include Photoshop, Premiere, Adobe Express and Adobe Firefly
	Document Cloud	US\$2.7bn	Individuals & Businesses	Adobe Document Cloud turns manual document processes into efficient digital ones. Flagship product Acrobat offers both individual and enterprises the world's leading PDF and e-signature solutions.
Digital Experience	Experience Cloud	US\$4.3bn	SMB & Enterprises	Adobe Experience Cloud offers businesses solutions for customer journey management, data analytics, content personalization, commerce and marketing workflows that drive long-term customer success.
Publishing & Ads	Publishing & Ads	US\$0.3bn	SMB & Enterprises	Legacy products and services that address diverse market opportunities including eLearning solutions, technical document publishing, web conferencing, document and forms platform, web app development, high-end printing, and Adobe Advertising offerings.

Source: Company data, CMBIGM

Note: SMB – small- and medium-sized businesses



Figure 2: Adobe: flagship products



Source: Company data, CMBIGM

The three cloud solutions are monetized mainly through the subscription business model. Creative Cloud subscription plan is priced at US\$9.99-59.99 per month based on the number of apps users choose; Document Cloud subscription plan is priced at US\$0-19.99 per month based on the features available; Experience Cloud is priced by contract basis.



Figure 3: Adobe: plans & pricing

Cloud	Plans	Pricing	Offerings
	All apps	US\$59.99/month	<ol> <li>20+ apps including Photoshop, Illustrator, Premiere Pro, and Acrobat Pro;</li> <li>Tutorials, templates, fonts, and more;</li> <li>100GB cloud storage</li> </ol>
Creative Cloud	Photography	US\$19.99/month	<ol> <li>Photoshop, Lightroom, and Lightroom Classic;</li> <li>Tutorials, templates, fonts, and more</li> <li>1TB cloud storage</li> </ol>
	Singel App	US\$9.99/month	<ol> <li>A single app of user choice;</li> <li>Tutorials, templates, fonts, and more</li> <li>100GB cloud storage</li> </ol>
Document Cloud	Acrobat Reader	Free	Available on desktop and mobile     View, print, share, and comment
	Acrobat Standard	US\$12.99/month	<ol> <li>Available on desktop, web, and mobile</li> <li>View, print, share, and comment</li> <li>Edit text and images, export, secure, and organize documents</li> <li>Collect legally binding e-signatures and track responses</li> </ol>
	Acrobat Pro	US\$19.99/month	<ol> <li>Available on desktop, web, and mobile</li> <li>View, print, share, and comment</li> <li>Edit text and images, export, secure, and organize documents</li> <li>Collect legally binding e-signatures and track responses</li> <li>Create web forms, redact, compare, and access 70+ features</li> </ol>

Source: Company data, CMBIGM

Adobe total revenue grew by 10% YoY to US\$19.4bn in FY23, with digital media and digital experience revenue up by 11% and 11% respectively. Creative Cloud/Document Cloud/Experience Cloud Subscription revenue each accounted for 59/22/14% of total revenue in FY23.

Figure 4: Adobe: revenue trend

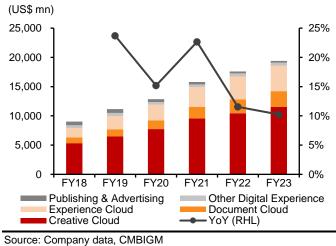
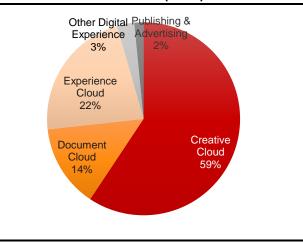


Figure 5: Adobe: revenue mix (FY23)

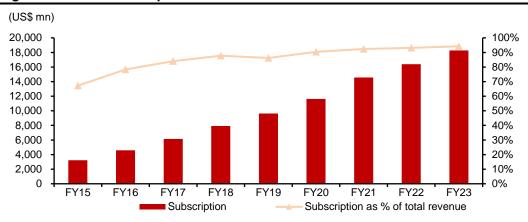




#### Transition from cloud to AI era

Adobe introduced its Creative Cloud product suite in 2012, which has accelerated its transition to cloud-based subscription business model. With the successful cloud transition, Adobe's percentage of revenue from subscription products climbed from 67% in FY15 to 94% in FY23. Total subscription revenue grew at a CAGR of 24% over FY15-23 and reached US\$18.3bn in FY23. Looking ahead, we expect generative AI to further expand Adobe's TAM and be the next key driver of its business growth.

Figure 6: Adobe: subscription revenue



Source: Company data, CMBIGM

We believe Adobe is well positioned to capture the generative AI opportunities, given its sizeable user group of knowledge workers and professional creators, abundant AI use cases, and rapid development of its AI applications. The company has seen strong AI momentum since the launch of its AI services. The total number of images generated by Adobe Firefly reached 6.5bn in a year after its launch in Mar 2023. Over 40% mobile beta users of Adobe Express have used a GenAI feature.



Figure 7: Adobe: Generative Al features



Adobe Firefly is a standalone web application that offers new ways to ideate, create, and communicate while significantly improving creative workflows using generative AI. Adobe also has the broader Firefly family of creative generative AI models, along with features powered by Firefly in Adobe's flagship apps and Adobe Stock.





Customers can ask and receive easy-to-understand answers with attribution. Al Assistant can also help users get more out of meetings by automatically generating meeting summaries from transcripts — saving users time by identifying key points, topics, and action items.





Adobe Sensei, Adobe's AI and machine learning technology, is embedded into the Adobe Experience Cloud, powering products like Adobe Journey Optimizer and Real-time Customer Data Platform. Sensei helps teams predict customer behavior, generate meaningful campaigns, and ensure better returns on marketing investments.



Source: Company data, CMBIGM

Adobe continues to benefit from the AI opportunities. It leverages AI to: 1) attract new users, improve retention, and drive free-to-paid conversion; 2) increase value of subscription plans, which creates room for price uplift and drive upsell; and 3) enhance monetization through new AI product offerings such as FireFly and AI Assistant.

Figure 8: Adobe: Generative Al opportunities by solution

Solutions	Al opportunity	Al monetization opportunity
Creative Cloud	More value: Improve quality and efficiency of content creation More users: Offer fast and fun creative expression	1) Adobe Express and Firefly web app: expand user base through freemium offerings and driver free-to-paid conversion with usage limits on generative Al capabilities 2) Creative Cloud apps & services: increase value in flagship apps and expand user base. 3) Adobe Creation and Production for Businesses: drive adoption of Custom Model and Firefly Services for automation.
Document Cloud	More value: Conversational insight, assisted creation and streamlined collaboration for paid users More users: Al Assistant integrated into free Reader to attract MAU	1) Access to Al Assistant brings more power to PDF across Reader and Acrobat offerings 2) Monetization of consumption, creation, and collaboration with paid generative Al plans across Reader and Acrobat on all surfaces 3) Enterprise APIs and controls, paid generative Al offer and increased value in Acrobat drive higher penetration in enterprises
Experience Cloud	Accelerate business value: Drive efficiency of content creation & creation-to-activation process  Expand enterprise user base: Enable any user to rapidly become proficient through conversational interfaces	1) Drive upsell and adoption through AI features 2) Enable list price uplift with added value 3) Offer scaled pricing based on number of seats and usage



Figure 9: Adobe: Generative Al opportunities

New user growth	Increased product value and engagement	New offerings and services
Firefly (web app)	Ps Lr Pr Ai	🖊 Al Assistant for Reader
Adobe Express	Creative Cloud Generative Credits	Firefly Services
📙 🝌 Acrobat, Reader & Scan	📙 Al Assistant for Acrobat	▲ GenStudio
Creative Cloud	Experience Cloud AI Services	

Source: Company data, CMBIGM

Adobe currently monetizes its AI features through both usage-based model and subscription model. 1) Usage-based model: each usage of AI features such as Generative Fill and Text to Image may cost users 1 generative credit. Users can obtain more generative credits through upgrading their plans; 2) subscription model: users can pay subscription fees to access generative AI functions such as AI Assistant for Acrobat and FireFly.

Figure 10: Adobe: Generative Al monetization

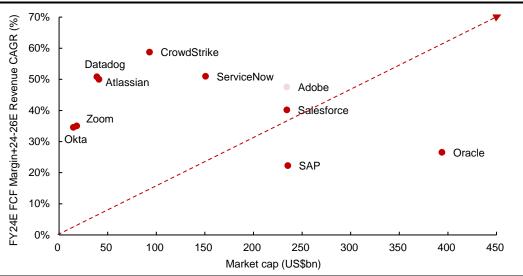
Model	Al features	Pricing
	Generative Fill	1 generative credit per use
Usage-based	Generative Expand	1 generative credit per use
	Text to Image	1 generative credit per use
Subscription	FireFly Premium Plan	US\$4.99 per month
	Al Assistant for Acrobat and Reader	US\$4.99 per month



# Strong financial profile versus peers

Adobe has established a strong financial profile versus other SaaS peers. The company has the highest "FCF margin + revenue CAGR", compared to other SaaS platforms at a similar or larger market cap. The company has one of the highest FCF margin (2024E: 36%) compared to other SaaS platforms. Its best-in-class cash generation capabilities shall support is valuation and long-term growth initiatives like Generative AI, in our view.

Figure 11: "FCF margin + revenue CAGR" comparison at different scales



Source: Bloomberg, company data, CMBIGM estimates

Figure 12: SaaS: 24-26E revenue CAGR

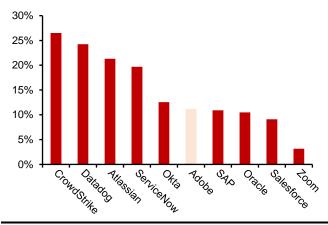
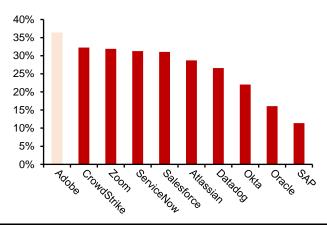


Figure 13: SaaS: 2024E FCF margin



Source: Bloomberg, company data, CMBIGM estimates

Source: Bloomberg, company data, CMBIGM estimates

We also expect Adobe to be a winner among SaaS platforms in the race of Generative AI, given its 1) abundant use cases integrated with GenAI capabilities; 2) category-leading foundation models; and 3) rich amount of creative data for model training. We expect Generative AI to bring massive long-term opportunities, driving both user base expansion and price uplift for Adobe.



Figure 14: Generative AI opportunities comparison by platform

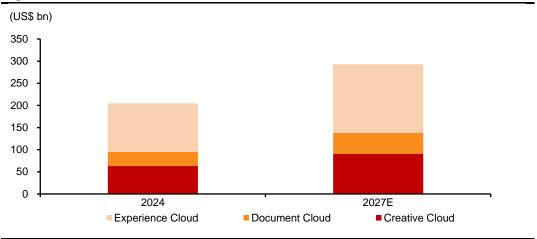
Company	Al offerings	Al strategy/advantages
Adobe	Adobe Firefly (\$0-4.99 per month): standalone web application that offers new ways to ideate, create, and communicate while significantly improving creative workflows using generative AI.  Acrobat AI Assistant (\$4.99 per month): AI Assistant can also help users get more out of meetings by automatically generating meeting summaries from transcripts — saving users time by identifying key points, topics, and action items.	Driving user base expansion and price uplift.  Key advantages include:  1) Abundant use cases integrated with GenAl capabilities 2) Category-leading foundation models 3) Rich amount of creative data for model training.
Salesforce	Einstein 1 (\$500 per user per month): Offers generative AI functions powered by Einstein Copilot. Connect and Unify All Data with Data Cloud and Revenue Intelligence.	Mainly driving price uplift (200% list price uplift vs. Enterprise suite)  Key advantages include:  1) Deep integration of enterprise data and workflows 2) Strong position in the front office software
ServiceNow	Pro Plus Suite (~30% realized price uplift vs pro Suite): Include several generative AI capabilities such as Now Assist, which can provide summaries of incidents for speedy IT team handoffs and problem resolutions. It can also help generate and update work notes.	Mainly driving price uplift (c.30% realized price uplift vs. Pro suite)  Key advantages include:  1) Use case-specific ServiceNow GenAl models derived from open-source models  2) LLMs combined with ServiceNow Knowledge Graph and application workflows



# Adobe: US\$293bn TAM to provide a long growth runway

According to Adobe and our estimate, Adobe TAM is expected to record a CAGR of 13% over 2024-2027E and reach US\$293bn in 2027E, driven by broader use cases, increased free-to-paid conversion and enhanced value offerings. Creative/Document/Experience Cloud may each account for 31/16/53% of the TAM in 2027E, with a CAGR of 13/14/12% over 2024-2027E.

Figure 15: Adobe: total addressable market



Source: Company data, CMBIGM estimates

Adobe's solutions target a sizable user base, including 68mn creative professionals, 131mn knowledge workers, 900mn communicators (students, marketers, businesses) and 4bn consumers (hobbyists and social media users) in 2024. For different types of users, Adobe offers a wide spectrum of subscription plans that could satisfy the user demand, with pricing ranging from US\$0 to US\$90 per month.

Figure 16: Adobe: potential document cloud users (2024)



Source: Company data, International Labor Organization, CMBIGM

Figure 17: Adobe: potential Creative Cloud users (2024)



Source: Company data, International Labor Organization, CMBIGM



#### **Creative Cloud TAM of US\$91bn**

As per our estimate, Creative Cloud TAM may record a CAGR of 13% over 2024-2027E and reach US\$91bn in 2027E, with Creative Pros/Communicators market representing 49/51% of the TAM in 2027E. We expect Creative Cloud TAM for Creative Pros to reach US\$44bn in 2027E (2024-2027 CAGR of 7%), driven by 1) increased value of flagship products via GenAl features; 2) expanding use cases with more Al-enabled tools; and 3) more content automation solutions for enterprises and pros. We expect Creative Cloud TAM for Communicators to reach US\$47bn in 2027E (2024-2027E CAGR of 20%), underpinned by 1) GenAl expanding reach of Creative Cloud solutions; 2) expansion of the creator economy; and 3) new revenue streams with GenAl features.

Figure 18: Creative Cloud: TAM

Creativity Cloud TAM (US\$bn)	2024E	2025E	2026E	2027E
Creativity Cloud TAM	62.9	71.6	81.4	91.5
YoY		13.8%	13.7%	12.5%
Professional Creativity	2024E	2025E	2026E	2027E

Professional Creativity	2024E	2025E	2026E	2027E
Global number of creative pros (mn)	68.0	71.4	75.0	78.7
Monthly ARPPU (US\$)	44.0	45.0	46.0	47.0
Creativity Cloud TAM - Professional Creativity (US\$bn)	35.9	38.6	41.4	44.4

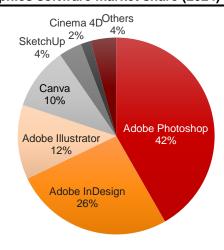
Communicators	2024E	2025E	2026E	2027E
Global number of communicators (mn)	900.0	945.0	992.3	1041.9
Free-to-paid conversion rate %	10%	11%	12%	13%
Number of subscribers (mn)	90.0	104.0	119.1	135.4
Monthly ARPPU (US\$)	25.0	26.5	28.0	29.0
Creativity Cloud TAM – Communicators (US\$bn)	27.0	33.1	40.0	47.1

Source: Company data, International Labor Organization, CMBIGM estimates

Note: the global numbers of creative pros and communicators are assumptions from the International Labor Organization; other assumptions are made by CMBIGM

Adobe's Creative Cloud has established a dominant position in the graphics software market. Adobe Photoshop, InDesign, and Illustrator together accounted for 80% share of the global graphics software market in 2024, per Datanyze. Supported by its strong product development capabilities and innovations in GenAl features, we expect Adobe Creative Cloud to maintain its strong leadership.

Figure 19: Global graphics software market share (2024)



Source: Statista, Datanyze, CMBIGM



2027E

47.4

21.9

## **Document Cloud TAM of US\$47bn**

For Document Cloud, we expect its TAM to record a CAGR of 14% over 2024-2027E and reach US\$47bn in 2027E, with Knowledge Workers/Communicators market representing 54/46% of the TAM in 2027E. We expect Document Cloud TAM for Knowledge Workers to reach US\$25bn in 2027E (2024-2027E CAGR of 11%), driven by 1) more advanced GenAl user cases; 2) increased enterprise penetration; and 3) e-Signature for SMBs and Enterprises. We expect Document Cloud TAM for Communicators to reach US\$22bn in 2027E (2024-2027E CAGR of 19%), underpinned by 1) more user cases on web & mobile devices; 2) increase in GenAl consumption; 3) e-Signature for general users.

Figure 20: Document Cloud: TAM

Document Cloud TAM (US\$bn)

**Document Cloud TAM** 

YoY		16.4%	13.3%	13.0%
Knowledge workers	2024E	2025E	2026E	2027E
Global number of knowledge workers (mn)	131.0	137.6	144.4	151.6
Monthly ARPPU (US\$)	12.0	13.0	13.5	14.0
Document Cloud TAM - knowledge workers (US\$bn)	18.9	21.5	23.4	25.5
Communicators	2024E	2025E	2026E	2027E
Global number of Communicators (mn)	900.0	945.0	992.3	1041.9
Free-to-paid conversion rate %	10%	11%	12%	13%
Number of subscribers (mn)	90.0	104.0	119.1	135.4
Monthly ARPPU (US\$)	12.0	12.5	13.0	13.5

2024E

31.8

13.0

2025E

37.1

15.6

2026E

42.0

18.6

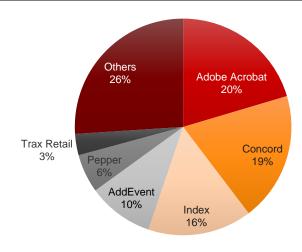
Source: Company data, International Labor Organization, CMBIGM estimates

Document Cloud TAM - Communicators (US\$bn)

Note: the global numbers of knowledge workers and communicators are assumptions from the International Labor Organization; other assumptions are made by CMBIGM

Adobe Acrobat has also established leadership in global document processing software market, with a market share of 20% in 2024, per Datanyze. With broader website & mobile use cases, and more GenAl features, we expect Adobe Document Cloud to further increase its consumer and organizational penetration.

Figure 21: Global document processing software market share (2024)



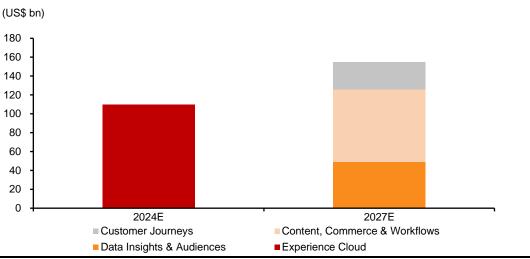
Source: Datanyze, CMBIGM



## **Experience Cloud TAM of US\$155bn**

As per Adobe estimate, Experience Cloud TAM is expected to increase at a CAGR of 12% over 2024-2027E and reach US\$155bn in 2027E, with Data Insights/Content, Commerce & Workflows/Customer Journeys accounting for 32/50/19% of the TAM in 2027E. Looking ahead, GenAl features will accelerate business value and expand enterprise user base, which in our view shall drive new monetization opportunities and enlarge TAM in the long term.

Figure 22: Experience Cloud: TAM



Source: Company data, CMBIGM

Adobe Experience Cloud is identified as a leader in the Gartner Magic Quadrant for Digital Experience Platform, with several strengths including: 1) a proven and mature solution; 2) broad and innovative product features for external-facing digital experiences; and 3) extensive partner channels that could provide customers with many options to deploy products.

Figure 23: Gartner Magic Quadrant: Digital Experience Platform



Source: Gartner, CMBIGM



# **Business segment analysis and financial forecast**

We forecast Adobe's total revenue to grow by 11%/9%/9% YoY to US\$21.5/23.5/25.5bn in FY24/25/26E, mainly driven by emerging AI opportunities, broadening reach to new customers and increasing free-to-paid conversion. We expect non-GAAP net income to increase by 11/13/12% YoY to US\$8.2/9.2/10.3bn in FY24/25/26E, primarily attributable to the solid revenue growth and operating leverage.

Figure 24: Adobe: revenue trend

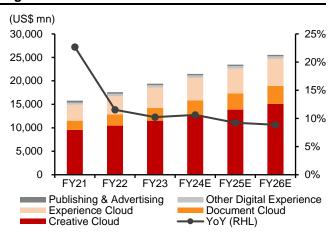
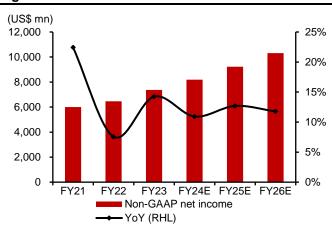


Figure 25: Adobe: non-GAAP net income



Source: Company data, CMBIGM estimates

Source: Company data, CMBIGM estimates

Figure 26: Adobe: key financial forecast

(US\$ mn)	FY21	FY22	FY23	FY24E	FY25E	FY26E
Total revenue	15,785	17,606	19,409	21,471	23,455	25,535
YoY	22.7%	11.5%	10.2%	10.6%	9.2%	8.9%
Digital Media Revenue	11,520	12,842	14,216	15,830	17,317	18,910
YoY	24.8%	11.5%	10.7%	11.4%	9.4%	9.2%
Creative Cloud Revenue	9,546	10,459	11,517	12,726	13,872	15,120
YoY	23.4%	9.6%	10.1%	10.5%	9.0%	9.0%
Document Cloud Revenue	1,974.0	2,383.0	2,699.0	3,103.9	3,445.3	3,789.8
YoY	31.9%	20.7%	13.3%	15.0%	11.0%	10.0%
Digital Experience Revenue	3,867	4,422	4,893	5,341	5,838	6,325
YoY	23.7%	14.4%	10.7%	9.2%	9.3%	8.3%
Experience Cloud Revenue	3,379.0	3,880.0	4,331.0	4,807.4	5,288.2	5,764.1
YoY	27.0%	14.8%	11.6%	11.0%	10.0%	9.0%
Other Digital Experience Revenue	488.0	542.0	562.0	533.9	549.9	560.9
YoY	4.9%	11.1%	3.7%	-5.0%	3.0%	2.0%
Publishing & Advertising Revenue	398.0	342.0	300.0	300.0	300.0	300.0
YoY	-22.0%	-14.1%	-12.3%	0.0%	0.0%	0.0%
Gross profit margin	88.2%	87.7%	87.9%	88.0%	88.1%	88.1%
S&M expense ratio	27.4%	28.2%	27.6%	26.5%	25.7%	24.9%
R&D expense ratio	16.1%	17.0%	17.9%	17.9%	17.9%	17.5%
G&A expense ratio	6.9%	6.9%	7.3%	7.1%	6.9%	6.7%
Non-GAAP net income margin	38.03%	36.67%	38.01%	38.11%	39.32%	40.37%
Non-GAAP net income	6,003	6,457	7,377	8,183	9,222	10,308

Source: Company data, CMBIGM estimates



Figure 27: CMBIGM estimates vs consensus

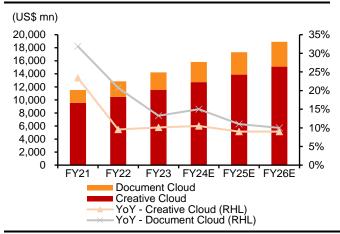
		CMBIGM		(	Consensus			Diff (%)	
US\$ bn	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E
Revenue	21.5	23.5	25.5	21.5	23.9	26.7	0.0%	-2.0%	-4.2%
Gross Profit	18.9	20.7	22.5	19.2	21.4	23.8	-1.3%	-3.4%	-5.4%
Non-GAAP OP	10.1	11.3	12.7	9.9	10.9	12.0	2.9%	3.4%	5.9%
Non-GAAP NP	8.2	9.2	10.3	8.2	9.1	10.1	0.3%	1.5%	1.9%
EPS (US\$)	17.9	20.2	22.6	18.0	20.3	23.1	-0.6%	-0.7%	-2.5%
Gross Margin	88.0%	88.1%	88.1%	89.2%	89.3%	89.2%	-1.2 ppt	-1.2 ppt	-1.1 ppt
Non-GAAP OPM	47.2%	48.3%	49.7%	45.9%	45.7%	44.9%	1.3 ppt	2.5 ppt	4.8 ppt
Non-GAAP NPM	38.1%	39.3%	40.4%	38.0%	38.0%	37.9%	0.1 ppt	1.4 ppt	2.4 ppt

Source: Bloomberg, CMBIGM estimates

#### Digital Media (74% of FY24E revenue)

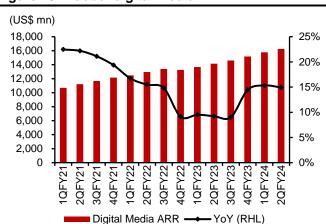
For Creative Cloud, we estimate its revenue to grow at a CAGR of 9% over FY24-26E and reach US\$15.1bn in FY26E, driven by 1) new user adoption through freemium offerings by Adobe Express and Firefly; 2) growing user consumption on GenAl capabilities; and 3) increasing value in flagship apps. For Document Cloud, we forecast its revenue to rise at a CAGR of 12% over FY24-26E and reach US\$3.8bn in FY26E, primarily supported by 1) increasing GenAl Reader consumption; 2) broader user cases; and 3) rising organizational penetration.

Figure 28: Adobe: digital media revenue



Source: Company data, CMBIGM estimates

Figure 29: Adobe: digital media ARR



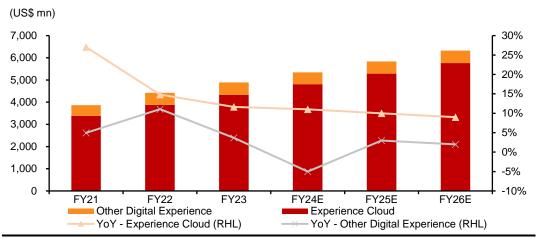
Source: Company data, CMBIGM Note: ARR – annual recurring revenue

### Digital Experience (25% of FY24E revenue)

We forecast digital experience revenue to grow by 9/9/8% YoY to US\$5.3/5.8/6.3bn in FY24/25/26E, mainly driven by upsell of value-added features, potential list price uplift and enterprise user base expansion. We expect GenAl to bring opportunities to Experience Cloud, with 1) Al Assistant to enhance productivity across Experience Cloud apps, and 2) Adobe GenStudio to revolutionize digital experiences and create new revenue streams.



Figure 30: Adobe: digital experience revenue



Source: Company data, CMBIGM

## Margin analysis & shareholder return

Adobe's overall GPM was steady over FY21-23, and we expect its overall GPM to stay at 88% over FY24-26E. We expect the operating leverage, especially on selling and marketing front, to support non-GAAP NPM to rise from 38.0% in FY23 to 38.1/39.3/40.4% in FY24/25/26E. Looking ahead, the company will continue to invest in organic and inorganic opportunities to maximize growth, while it will consistently return capital via share repurchase. It is committed to enhancing shareholder return, with significant amounts of share repurchase over the last five year (US\$23bn, 10% of market cap), ahead of most other SaaS companies. The company announced a new 4-year US\$25bn share repurchase program in Mar 2024, which represented 12% of its current market cap (as at 28 Jun 2024).

Figure 31: Adobe: GPM breakdown

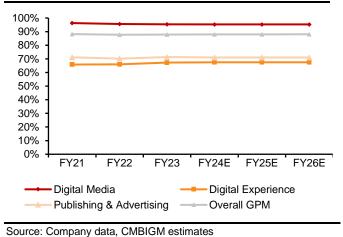
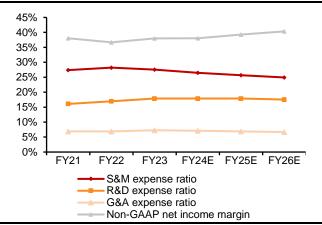


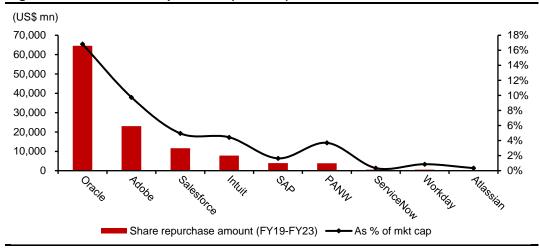
Figure 32: Adobe: opex and NPM trends



Source: Company data, CMBIGM estimates



Figure 33: SaaS: share repurchase (FY19-23)



Source: Company data, CMBIGM

# **Valuation**

We value Adobe at US\$295bn (US\$645.0 per share) based on 36x 2024E P/E. Our target P/E is at a discount to the sector average (40x), as Adobe is at a more mature business stage with slower earnings growth. We forecast Adobe to deliver a FY24-26E non-GAAP EPS CAGR of 12%, versus 21% SaaS peers' average.

Figure 34: Adobe: target valuation

P/E Valuation (US\$mn)	FY24E
Non-GAAP earnings	8,183
Target 2024E P/E	36.0
Target equity valuation	294,769
Valuation per share (USD)	645.0

Source: Company data, CMBIGM estimates

Figure 35: SaaS: valuation comparison

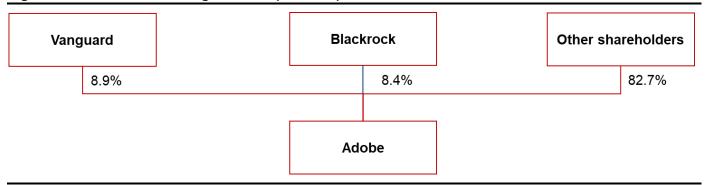
Company	Ticker	Price		P/E (x)			P/S (x)		<b>EPS CAGR</b>
		(Local)	2024E	2025E	2026E	2024E	2025E	2026E	24-26E
CRM									
Salesforce	CRM US	257.1	31.4	26.0	23.4	6.6	6.0	5.5	28%
HubSpot	HUBS US	589.8	80.2	67.6	53.3	11.5	9.7	8.1	22%
Five9	FIVN US	44.1	20.2	16.7	12.1	3.1	2.6	2.2	21%
ITSM									
ServiceNow	NOW US	786.7	58.2	48.5	39.7	14.6	12.1	10.3	22%
Atlassian	TEAM US	176.9	61.8	54.6	42.3	10.4	8.7	7.2	30%
Security									
CrowdStrike	CRWD US	383.2	NA	95.5	77.9	22.6	17.9	14.6	47%
ZScaler	ZS US	192.2	63.9	57.5	47.1	13.1	10.7	8.7	32%
Fortinet	FTNT US	60.3	33.9	30.6	26.0	7.7	6.8	6.0	12%
Palo Alto Network	PANW US	339.0	60.8	54.5	46.8	13.3	11.7	10.0	18%
ERP									
SAP	SAP US	201.7	39.7	29.9	23.2	7.2	6.5	5.8	20%
Oracle	ORCL US	141.2	25.3	22.6	19.6	8.2	7.4	6.6	12%
Collaboration									
Twilio	TWLO US	56.8	18.7	16.6	14.2	1.6	1.5	1.4	18%
Ring Central	RNG US	28.2	7.8	6.8	6.1	1.7	1.5	1.4	12%
Zoom	ZM US	59.2	12.0	11.7	11.6	2.5	2.4	2.3	5%
Average			39.5	38.5	31.7	8.9	7.5	6.4	

Source: Bloomberg, CMBIGM Note: data are as of 28 Jun 2024



# **Appendix**

Figure 36: Adobe: shareholding structure (Feb 2024)



Source: Company data, CMBIGM

Figure 37: Adobe: Management profile

Name	Position	Prior experience
Shantanu Narayen	Chair and CEO	Shantanu joined Adobe in 1998 as vice president and general manager of its engineering technology group. He became president and COO in 2005, CEO in 2007, and chairman of the board in 2017. Shantanu is vice chairman of the US-India Strategic Partnership Forum and sits on the board of Pfizer. He previously served as a director of Dell and is a past member of the U.S. President's Management Advisory Board.
Scott Belsky	Chief Strategy Officer	Scott Belsky leads corporate strategy and development, is responsible for design across the Digital Media and Digital Experience businesses, and is driving incubation of some of Adobe's fastest growing emerging products. Prior to this role, Scott was Adobe's Chief Product Officer for five years, leading development of all Creative Cloud products. Prior to joining Adobe in December 2017, Scott was a venture investor at Benchmark in San Francisco.
Anil Chakravarthy	President, Digital Experience Business	As President, Digital Experience Business, Anil Chakravarthy drives the vision and operations for Adobe's Digital Experience business. Anil joined Adobe from Informatica, a global leader in enterprise cloud data management, where he served as chief executive officer from 2015 to 2020. Prior to Informatica, for nearly a decade, Anil held leadership roles at Symantec Corporation.
Dan Durn	Chief Financial Officer	Dan was appointed to the role of CFO and executive vice president in October 2021 and leads the Finance, Technology Services and Operations organization. Durn most recently served as a senior vice president and CFO of Applied Materials from 2017 to 2021. He was previously executive vice president and CFO at NXP Semiconductors N.V. following its merger with Freescale Semiconductor.



# **Financial Summary**

•						
INCOME STATEMENT	2021A	2022A	2023A	2024E	2025E	2026E
YE 01 Dec (US\$ mn)						
Revenue	15,785	17,606	19,409	21,471	23,455	25,535
Cost of goods sold	1,865	2,165	2,354	2,567	2,798	3,031
Gross profit	13,920	15,441	17,055	18,905	20,657	22,504
Operating expenses	8,118	9,343	10,405	11,242	12,044	12,771
Selling expense	4,321	4,968	5,351	5,690	6,029	6,367
Admin expense	1,085	1,219	1,413	1,524	1,615	1,705
R&D expense	2,540	2,987	3,473	3,842	4,197	4,478
Others	172	169	168	186	203	221
Operating profit	5,802	6,098	6,650	7,663	8,613	9,733
Other income	16	22	262	2	2	2
Net Interest income/(expense)	(113)	(112)	(113)	(113)	9	9
Pre-tax profit	5,705	6,008	6,799	7,551	8,623	9,743
Income tax	883	1,252	1,371	1,510	1,725	1,949
After tax profit	4,822	4,756	5,428	6,041	6,899	7,794
Net profit	4,822	4,756	5,428	6,041	6,899	7,794
Adjusted net profit	6,003	6,457	7,377	8,183	9,222	10,308
BALANCE SHEET	2021A	2022A	2023A	2024E	2025E	2026E
	ZUZTA	ZUZZA	2023A	2024L	2023L	2020L
YE 01 Dec (US\$ mn)	0.000	0.000	44.004	44.400	40.040	04.044
Current assets	8,669	8,996	11,084	14,430	18,612	24,011
Cash & equivalents	3,844	4,236	7,141	10,274	14,276	19,499
Account receivables	1,878	2,065	2,224	2,362	2,477	2,589
Prepayment Other current assets	993 1,954	835 1,860	1,018 701	1,092 701	1,158 701	1,222 701
Non-current assets	18,572	18,169	18,695	18,936	19,196	19,474
PP&E	1,673	1,908	2,030	2,271	2,531	2,809
Right-of-use assets	443	407	358	358	358	358
Deferred income tax	1,085	777	1,191	1,191	1,191	1,191
Intangibles	1,820	1,449	1,088	1,088	1,088	1,088
Goodwill	12,668	12,787	12,805	12,805	12,805	12,805
Other non-current assets	883	841	1,223	1,223	1,223	1,223
Total assets	27,241	27,165	29,779	33,366	37,808	43,484
Current liabilities	6,835	8,541	8,178	8,849	9,321	9,947
Account payables	312	379	314	332	351	369
Tax payable	54	75	85	85	85 0	85
Lease liabilities	4.722	1,000	0	0		7.546
Contract liabilities Accrued expenses	4,733	5,297 1,790	5,837 1,942	6,484 1,948	6,931	7,546 1,947
Non-current liabilities	1,736 <b>5,512</b>		5,010	4,996	1,954 <b>5,003</b>	5,012
	•	<b>4,986</b> 3,629	3,634	<b>4,996</b> 3,634	3,634	3,634
Long-term borrowings Obligations under finance leases	4,123 453	3,629 417	3,634	3,634	3,634	373
Deferred income	145	117	113	99	106	115
Other non-current liabilities	791	823	890	890	890	890
Total liabilities	12,347	13, <b>527</b>	13,188	13,845	14,324	14,959
Chara assitut	2	0	0	0		2
Share capital	0	0	11 596	12.475	0 15 530	17 797
Capital surplus	8,428	9,868	11,586	13,475	15,539	17,787
Retained earnings Other reserves	23,768 (17,399)	28,026	33,061	39,102 (33,129)	46,000 (38,129)	53,795 (43,129)
Total shareholders equity	(17,399) <b>14,797</b>	(23,843) <b>14,051</b>	(28,129) <b>16,518</b>	(33,129) <b>19,448</b>	(38,129) <b>23,411</b>	28,452
Total equity and liabilities	27,144	27,578	29,706	33,293	37,735	43,411
. Otal oquity and nashines	21,177	21,510	23,700	55,235	51,155	75,711



					A waste office a	deliancy of Chical Performing to
CASH FLOW	2021A	2022A	2023A	2024E	2025E	2026E
YE 01 Dec (US\$ mn)						
Operating						
Profit before taxation	5,705	6,008	6,799	7,551	8,623	9,743
Depreciation & amortization	788	856	872	188	210	233
Tax paid	883	1,252	1,371	1,510	1,725	1,949
Change in working capital	(476)	336	(355)	444	299	459
Others	323	(614)	(1,385)	(1,131)	(1,385)	(1,650)
Net cash from operations	7,223	7,838	7,302	8,563	9,471	10,733
Investing						
Capital expenditure	(330)	(442)	(360)	(429)	(469)	(511)
Acquisition of subsidiaries/ investments	(2,682)	(126)	0	0	0	0
Net proceeds from disposal of short-term	(507)	(2)	1,136	0	0	0
investments Others	0	0	0	0	0	0
			<b>776</b>	(42 <b>9</b> )	(469)	(511)
Net cash from investing	(3,519)	(570)	776	(429)	(409)	(311)
Financing						
Net borrowings	0	0	(500)	0	0	0
Share repurchases	(4,066)	(7,068)	(4,989)	(5,000)	(5,000)	(5,000)
Others	(235)	243	307	0	0	0
Net cash from financing	(4,301)	(6,825)	(5,182)	(5,000)	(5,000)	(5,000)
Net change in cash						
Cash at the beginning of the year	4,477	3,843	4,235	7,140	10,274	14,276
Exchange difference	(37)	(51)	9	0	0	0
Cash at the end of the year	3,843	4,235	7,140	10,274	14,276	19,498
GROWTH	2021A	2022A	2023A	2024E	2025E	2026E
YE 01 Dec						
Revenue	22.7%	11.5%	10.2%	10.6%	9.2%	8.9%
Gross profit	24.9%	10.9%	10.5%	10.8%	9.3%	8.9%
Operating profit	36.9%	5.1%	9.1%	15.2%	12.4%	13.0%
Net profit	(8.3%)	(1.4%)	14.1%	11.3%	14.2%	13.0%
Adj. net profit	22.4%	7.6%	14.2%	10.9%	12.7%	11.8%
PROFITABILITY	2021A	2022A	2023A	2024E	2025E	2026E
YE 01 Dec						
Gross profit margin	88.2%	87.7%	87.9%	88.0%	88.1%	88.1%
Operating margin	36.8%	34.6%	34.3%	35.7%	36.7%	38.1%
Adj. net profit margin	38.0%	36.7%	38.0%	38.1%	39.3%	40.4%
Return on equity (ROE)	34.4%	33.0%	35.5%	33.6%	32.2%	30.1%
GEARING/LIQUIDITY/ACTIVITIES	2021A	2022A	2023A	2024E	2025E	2026E
YE 01 Dec						
Current ratio (x)	1.3	1.1	1.4	1.6	2.0	2.4
Receivable turnover days	43.4	42.8	41.8	40.2	38.5	37.0
Payable turnover days	61.1	63.9	48.7	47.2	45.8	44.4
VALUATION	2021A	2022A	2023A	2024E	2025E	2026E
YE 01 Dec						
P/E	55.9	56.2	48.5	42.4	37.1	32.8
P/E (diluted)	56.3	56.6	48.6	42.6	37.3	33.0
P/B	18.2	19.0	15.9	13.2	10.9	9.0

Source: Company data, CMBIGM estimates. Note: The calculation of net cash includes financial assets.



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