

Disclaimer

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The forward-looking statements made in this presentation are made as of November 7, 2024. If this presentation is reviewed after November 7, 2024, even if made available by us, on our website or otherwise, it may not contain current or accurate information. We disclaim any obligation to update or revise any forward-looking statement based on new information, future events, or otherwise.

Please refer to pages 31-32 of this presentation for definitions of KPIs and non-GAAP financial measures, and where applicable, reconciliations to their nearest GAAP equivalents, included in this presentation.

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BSY Investment Virtues...

A "Classic Compounder"

The entrenched leading provider of infrastructure engineering software globally

Founder-led company with a strong management bench and well-choreographed succession

Large direct recurring revenue base, low revenue concentration, and long-term account relationships provide strong visibility and consistency

Large (ecosystem) pipeline and track record of programmatic acquisitions to round out business performance growth

Operating leverage affords a long runway for ~100bps of annual margin expansion (Adjusted operating income inclusive of stock-based compensation expense⁹)

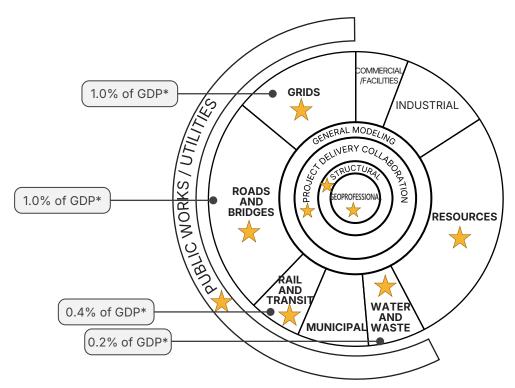
Strong cash flow conversion generates capital for reinvestment, acquisitions, and return of capital (dividends and buybacks to offset SBC dilution)

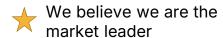
Sustainable double-digit ARR⁶ growth driven by company-specific growth initiatives AND strongly favorable secular end market conditions

Footnotes 6, 9: Refer to pages 31-32 for KPI and non-GAAP definitions

ARR⁶ by end markets (infrastructure sectors)

THE infrastructure engineering software company



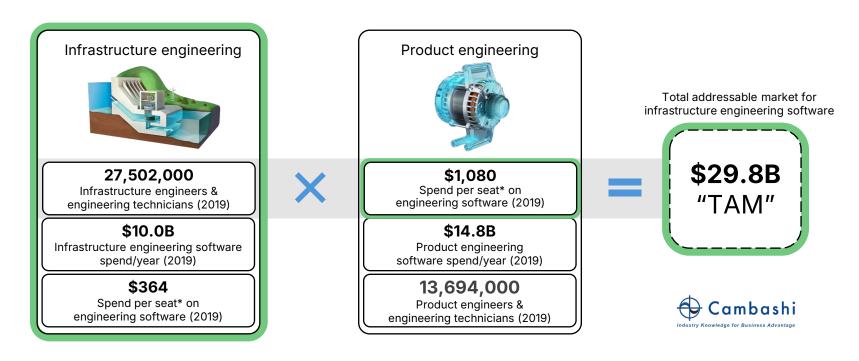


*Oxford Economics Outlook Global Infrastructure Spending 2016 through 2040 | Footnote 6: Annualized Recurring Revenue – Refer to pages 31-32 for KPI and non-GAAP definitions



Total addressable market ("TAM")

What if infrastructure engineers/technicians would each spend on engineering software the same amount that product engineers/technicians (on average) already spend?



^{*}Computed for "high spend intensity" countries with consistent employment count from 2018 to 2019 | Source: Oct. 2021 Cambashi study commissioned by Company



Comprehensiveness across lifecycle...

Infrastructure and BSY

AssetWise ENTERPRISE Central* **SYSTEMS** · SaaS and/or on-premises **SYNCHRO ProjectWise ADINA** PLS **AutoPIPE** RAM **ENGINEERING**

CUBE

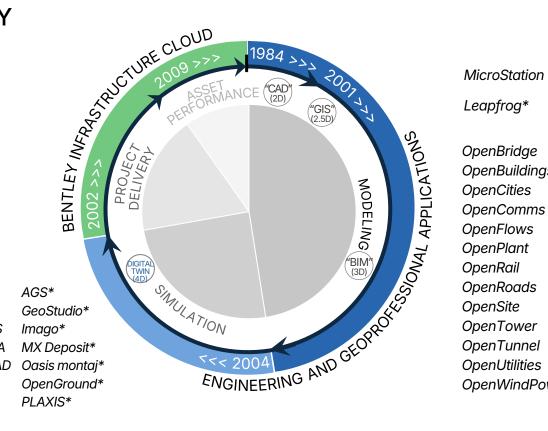
EMME

LEGION

SACS

STAAD

DYNAMEQ SPIDA



ENGINEERING APPLICATIONS

desktop

MicroStation

OpenBuildings

OpenCities

OpenRail

OpenSite

OpenRoads

OpenTower

OpenTunnel

OpenUtilities

OpenWindPower

Leapfrog*

· cloud-connected

Footnote *: Seequent (Geoprofessional) | Note: Chart segment sizing corresponds to underlying % of 24Q3 Sector-attributable ARR⁶ | Footnote 6: Refer to pages 31-32 for KPI and non-GAAP definitions

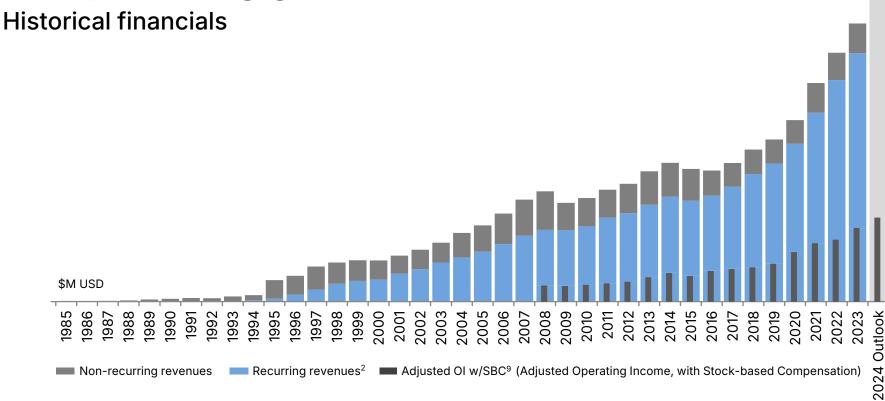


APPLICATIONS

cloud-connected

desktop

Compounding growth...



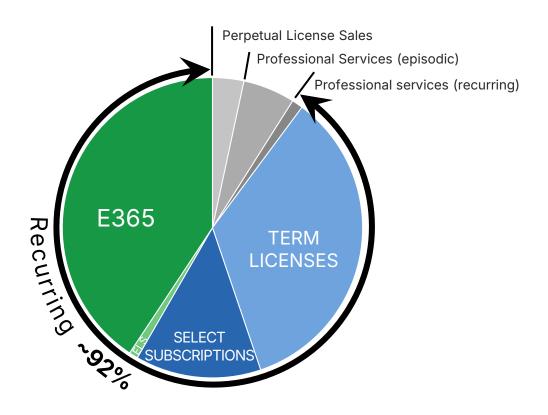
Notes: 1985-2018 revenues were calculated using ASC 605 / 2019-2023, and 2024 Outlook revenues were calculated using ASC 606

Adjusted OI w/SBC can't be reconciled for years prior to 2008 Footnote 2: Refer to pages 31-32 for KPI and non-GAAP definitions

Footnote 9: Refer to page 33 for non-GAAP reconciliations



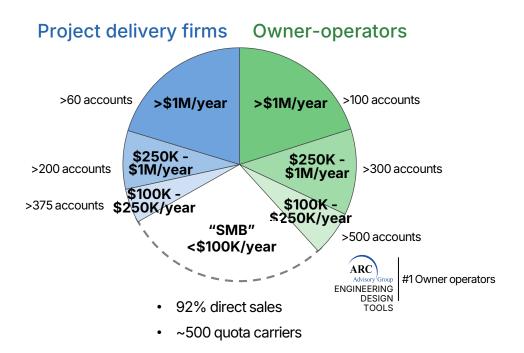
Revenues by commercial model



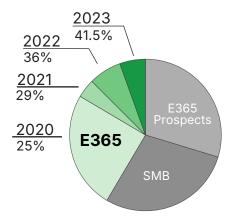
Note: Chart segment sizing corresponds to underlying % of YTD September 30, 2024

Growth initiative #1 - E365 | Enterprise accounts

Accretion in enterprise accounts



E365 as % total ARR⁶



- E365 success force:
 >600 infrastructure engineer experts
- E365 includes quarterly menu of Success Blueprints (for new digital workflows)

Note: Chart segment sizing corresponds to underlying % of 2023 Revenue | Footnote 6: Refer to pages 31-32 for KPI and non-GAAP definitions



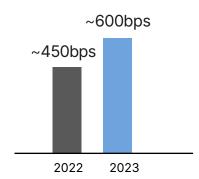
Application mix accretion opportunity

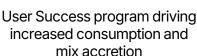
BSY as established leader, long runway for upside from going digital

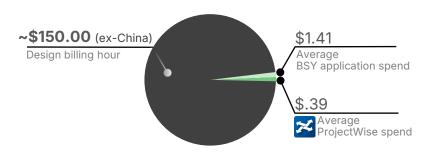
ARR Growth⁷ from application mix accretion (Upsell)

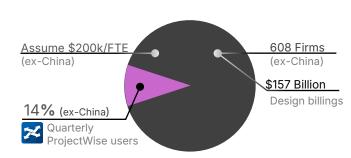
Ample opportunity for application mix accretion (Upsell)

Ample opportunity for further standardization on ProjectWise for data-centric Al











Source: ENR Top 500 Design Firms / Top 225 International Design Firms / Top 150 Global Design Firms 2022 https://www.enr.com/toplists

Footnote 7: Refer to pages 31-32 for KPI and non-GAAP definitions

Year In Infrastructure (YII)

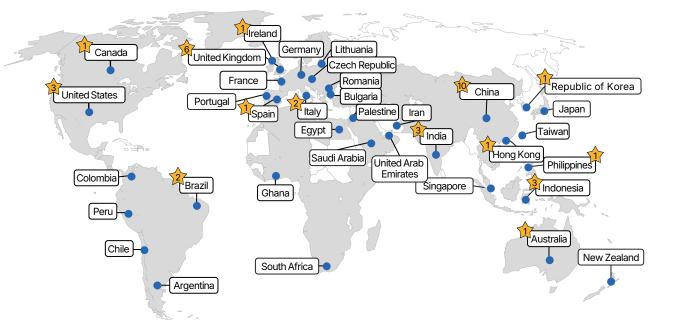


Going digital Award nominees Independent-juried categories

36 Finalists

36Countries

Median of 2024 finalists reported engineering savings **15%**



Online gallery of these case studies

https://www.bentley.com/events/going-digital-awards/

Infrastructure Yearbook

https://www.bentley.com/company/infrastructure-yearbook/

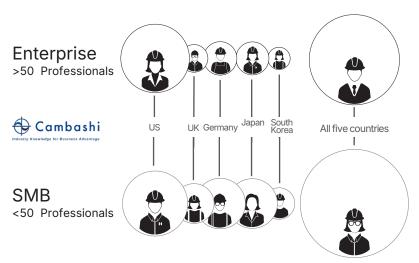




Growth initiative #2 - Virtuosity | SMB

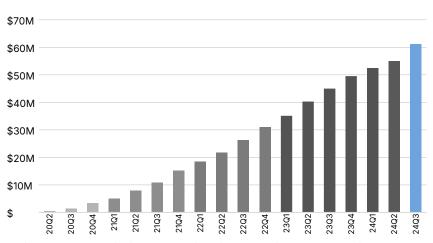
Increasing penetration in small and medium-sized businesses ("SMBs")

Number of Infrastructure Engineers, by Size of Firm



The SMB Potential

Virtuosity ARR⁶

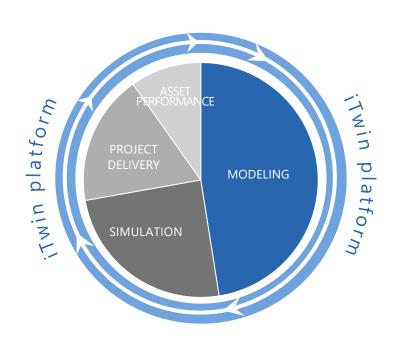


- Virtuoso Subscriptions combine license with expert assistance
- Targeted at SMB via direct-sales Digital Experience
- >175 inside sales quota carriers
- Added ~3-4% in ARR growth⁷, and 600+ new logos in last eleventh quarter

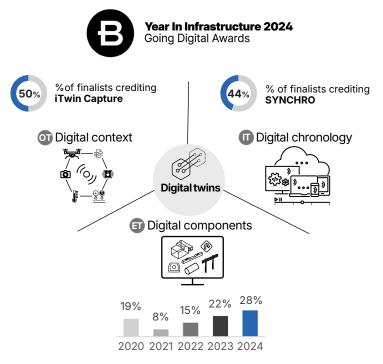


Growth initiative #3 - Digital twins (powered by iTwin platform)

Cloud services synchronizing, aligning, federating infrastructure engineering data for Al accessibility

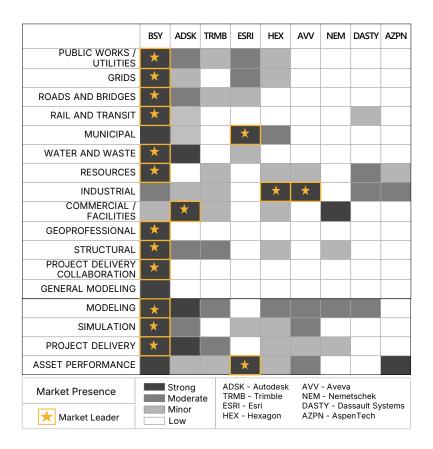


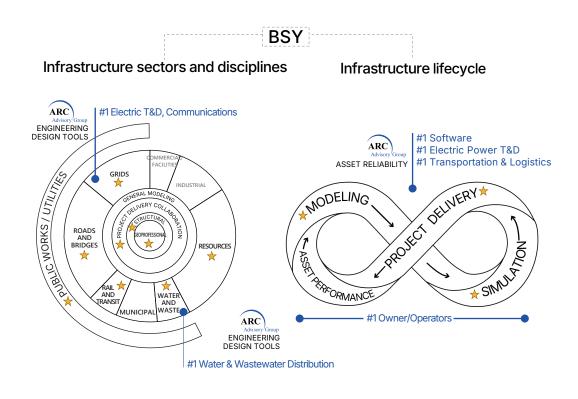
Note: Chart segment sizing corresponds to underlying % of 24Q3 Sector-attributable ARR⁶ Footnote6: Refer to pages 31-32 for KPI and non-GAAP definitions



Growth in % of finalists Crediting iTwin

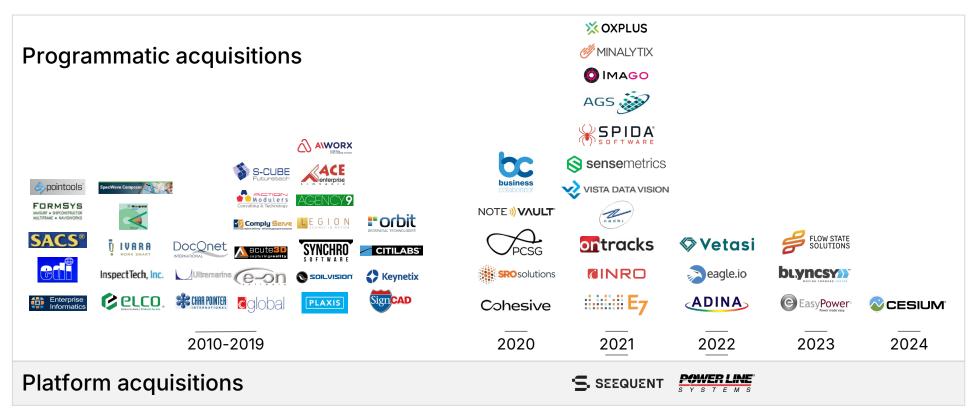
Competitive landscape







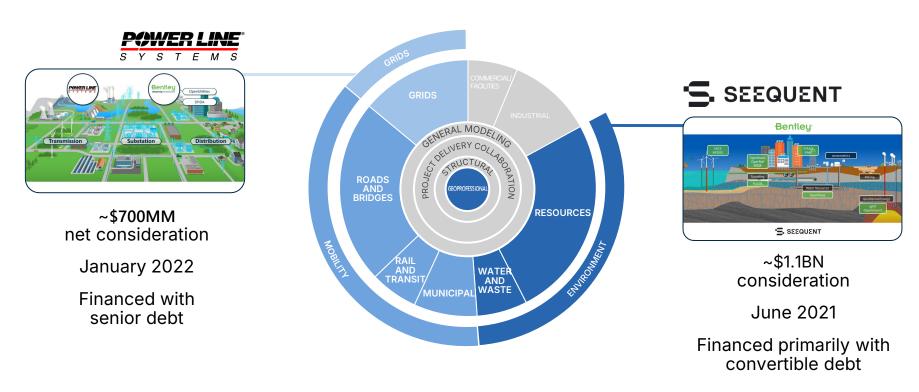
Acquisitions





Platform acquisitions

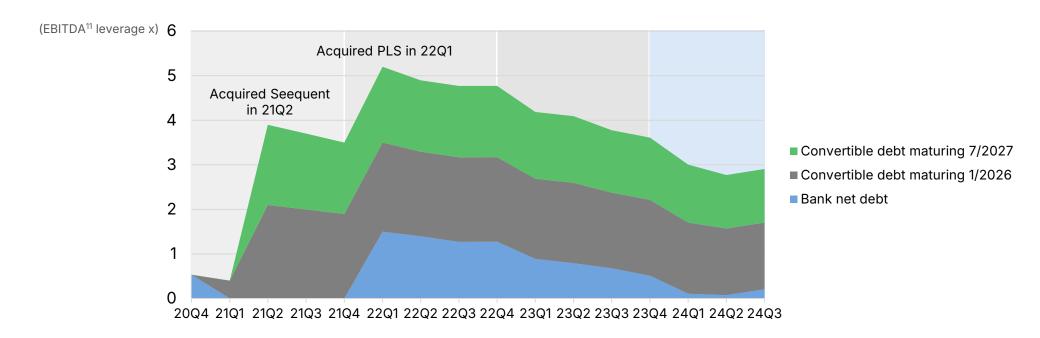
Expanding opportunities for grid and environment digital twins



Note: Chart segment sizing corresponds to underlying % of 2023 Revenue

Capital allocation "cycle"

Ability to quickly delever after deploying capital for acquisitions



Footnote: Refer to pages 31-32 for KPI and non-GAAP definitions Refer to pages 33 for liquidity and capital structure Footnote 11: See appendix for KPI and non-GAAP definitions



ES(D)G: Empowering Sustainable Development Goals

Our infrastructure engineering software and digital twin solutions empower organizations to achieve United Nations Sustainable Development Goals, realizing outcomes that are more resilient, predictable, and sustainable.











































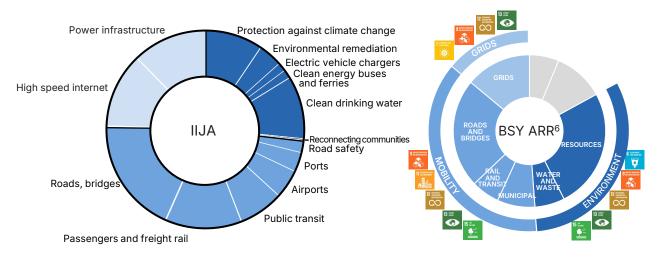






Global (infrastructure) investment priorities

Well-positioned for ES(D)G-enabling energy transition spending across mobility, grids, environment



U.S. infrastructure investment and jobs act (IIJA)

Similar incremental multi-year infrastructure and energy transition investment programs in countries such as the EU, UK, India, Australia, and China

Footnote 6: Refer to pages 31-32 for KPI and non-GAAP definitions

Ev chargers Energy battery storage Carbon capture and storage Low emissions fuels Electricity arids Energy efficiency Electrification Telecom Nuclear generation Green capex Renewables Hydrogen end use Hvdrogen infrastructure Water source & storage Roads: expansion & maintenance Nater transmission/ distribution Water treatment Rail: expansion & maintenance Ports' Airports

Green capex: capturing the opportunities

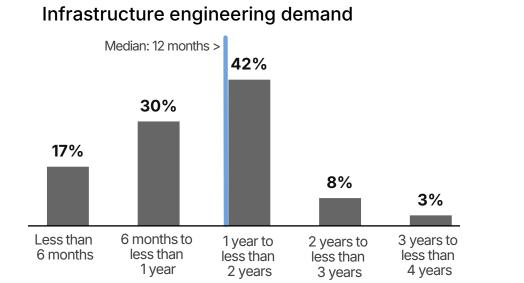
2022 Sustainability and impact series annual investment required, 2020s (\$USD ~\$6tn)

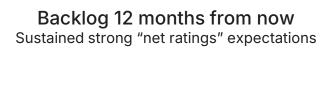
Source: IEA, OECD, McKinsey & Company, Goldman Sachs Global Investment. Research – 2021/10/11

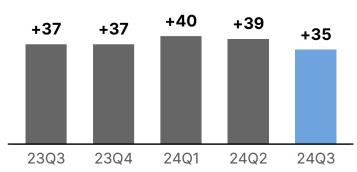


Infrastructure engineering at capacity

Prioritizing going digital







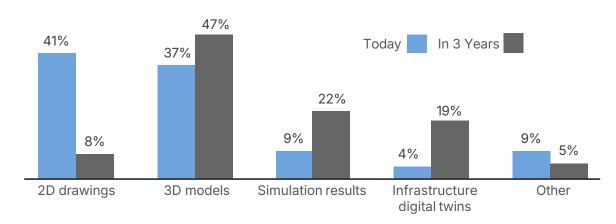


Infrastructure engineering priorities

Going digital

Client priorities today and in three years

Deliverables prioritized by your clients (based on first priority ranking)







Resilient ARR growth layering multiple growth drivers

YoY constant currency business performance

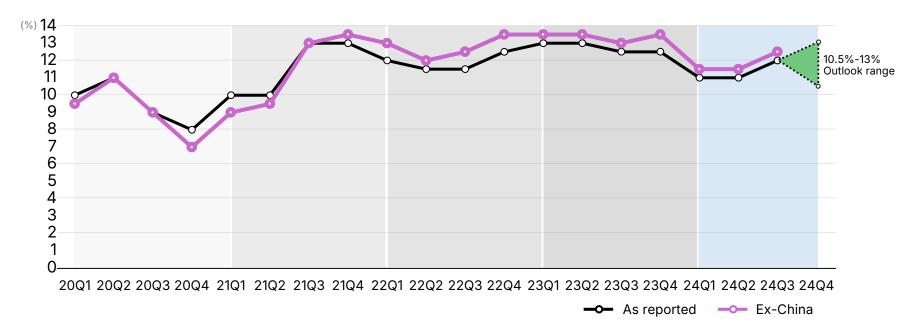


20Q1 20Q2 20Q3 20Q4 21Q1 21Q2 21Q3 21Q4 22Q1 22Q2 22Q3 22Q4 23Q1 23Q2 23Q3 23Q4 24Q1 24Q2 24Q3 24Q4



Resilient ARR growth⁸

YoY constant currency business performance







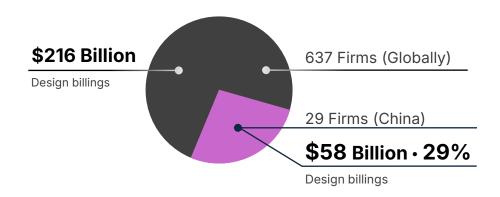
Longer term China opportunity

Near term – diminishing ARR⁶ headwind

Pivoting to "localization" in China (currently ~2.5% of BSY ARR⁶) to surmount geopolitical obstacles

- Joint venture for development and distribution of on-premises adaptation of ProjectWise platform (iLink)...
- Joint venture to assume hydropower accounts and to develop specialized Chinese (MicroStationbased) applications (East Wise)
- Expect regression to local preference for license sales at the expense of ARR⁶

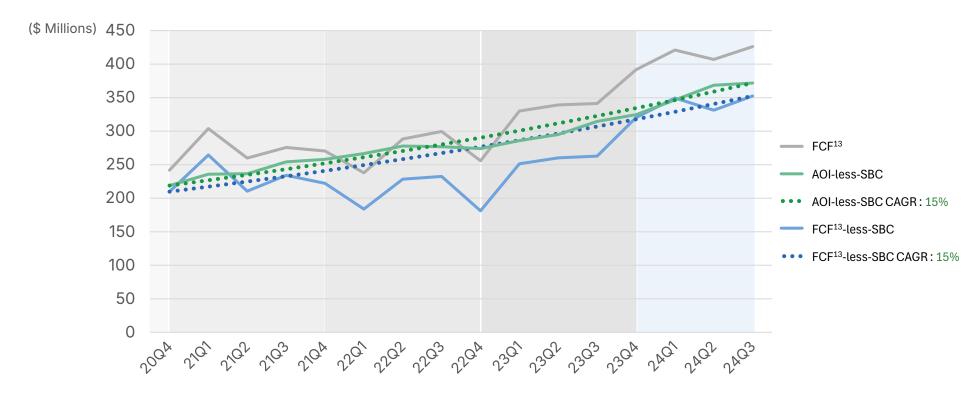
Longer term opportunity – largest design billings market in the world



Source: ENR Top 500 Design Firms (https://www.enr.com/toplists, / Top 225 International Design Firms / Top 150 Global Design Firms 2022 Footnote 6: Refer to pages 31-32 for KPI and non-GAAP definitions



Cash flow visibility (during public tenure CAGR: 15%)



Footnote 13: Refer to pages 31-32 for KPI and non-GAAP definitions

Full year 2024 financial outlook

Financial metrics	Outlook		
Total revenues	\$1,350 million to \$1,375 million ^a (+10% to 12% in constant currency ^a)		
ARR Growth ⁸ (constant currency ¹)	10.5% to 13% ^b		
Adjusted OI w/SBC Margin ¹⁰	Approximately 100bps annual improvement		
Effective tax rate	Approximately 20%		
Cash flow from operations	Approximately 85% of Adjusted EBITDA ¹¹ , up from our prior Outlook of approximately 80%		
Capital expenditures	Approximately \$10 to \$12 million, down from our prior Outlook of approximately \$22 million		

Additional expectations to support financial modeling

- Full year interest expense of approximately \$24 million. Around \$7 million cash interest (net of around \$9 million of payments received from our interest rate swap), down from our prior Outlook of approximately \$29 million in interest expense and around \$13 million in cash interest;
- Full year cash taxes of around \$60 million, up from our prior Outlook of approximately \$50 million;
- Stock-based compensation in the 6% range of revenues;
- Operating depreciation and amortization of approximately 1.5% of revenues;
- Fully diluted weighted average shares outstanding between 333.2 and 334.7 million;
- Dividends of \$0.24 per share.

Footnote a: We do not update our revenues outlook for subsequent changes in foreign exchange rates | Footnote b: Includes ARR⁶ acquired from programmatic acquisitions, which generally are immaterial, individually, and in the aggregate | Footnotes 1, 6, 8, 10, 11: Refer to pages 31-32 for KPI and non-GAAP definitions

Financial drivers

Resilient ARR growth⁷ ~92% Subscription Revenues

Commitment to robust R&D investment >22% of revenue

Commitment to annual margin improvement Global, direct sales investments complete ~100 bps in adjusted OI w/SBC margin¹⁰

Cashflow efficiency

- ~70% of revenue paid annually in advance
- ~20% effective tax rate
- ~85% adjusted EBITDA¹¹ conversion



Footnotes 7, 10, 11: Refer to pages 31-32 for KPI and non-GAAP definitions

Capital allocation priorities

Stock and/or convertible debt repurchases to offset dilution from stock-based compensation

Modest dividend

Programmatic acquisitions

Senior debt

\$50MM term loan at end of 24Q3

Revolving debt balance at end of 24Q3: \$118M

\$200M of debt fixed at ~2.6% via interest rate swap maturing 2030

Net Senior Debt Leverage^b at end of 24Q3: 0.2x

Convertible debt funded accretive platform acquisitions

~\$1.3B, debt service fixed at ~0.24% coupon through 2026/2027 maturities Convertible leverage^a at end of 24Q3: 2.7x (~1.8x delta-adjusted)

Footnote a: Convertible leverage is convertible debt divided by LTM Adj. EBITDA¹¹

Footnote b: Net Senior Debt Leverage is Net Senior Debt(defined as Senior Debt minus Cash) divided by

LTM Adj. EBITDA¹¹

Footnote 11: Refer to pages 31-32 for KPI and non-GAAP definitions



Compounding predictability

Predictable governance

Farsighted founding family control (dual-class corresponds to majority economic ownership, sunsetting otherwise)

Predictable performance

Operating management incentives based on ARR Growth⁷ (but conditioned on annual operating margin improvement)

Predictable resilience

Mainstay public works / utilities end market is effectively counter-cyclical

Impregnable "moat" due to comprehensive portfolio

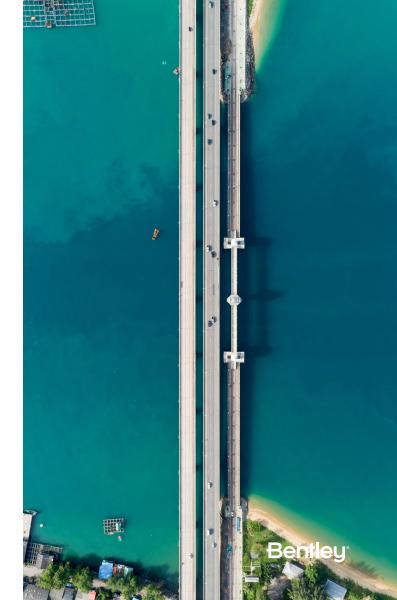
THE infrastructure engineering software company (continuously reinforced by platform-enabled programmatic acquisitions)

Sustainable investment thesis:

Intersection of global priorities: going digital and infrastructure Environmental resilience and adaptation (decarbonization, urbanization, resource imperatives)

Energy transition and security (grid integration, renewables, nuclear, ...) ES(D)G (Empowering Sustainable Development Goals) "handprint"

Footnote 7: Refer to pages 31-32 for KPI and non-GAAP definitions



KPI and non-GAAP definitions

This presentation includes certain KPIs and non-GAAP financial measures, which are defined herein. Reconciliations of non-GAAP financial measures to their most directly comparable GAAP financial measures are included in our Form 8-K (Quarterly Earnings Release) announcing our quarterly financial results, which can be found on the SEC's website at www.sec.gov and on our website at www.sec.gov and on our website

- 1. Constant currency. In reporting period-over-period results, except for ARR as discussed further below, we calculate the effects of foreign currency fluctuations and constant currency information by translating current and prior period results on a transactional basis to our reporting currency using prior period average foreign currency exchange rates in which the transactions occurred.
- 2. Recurring revenues. We define recurring revenues as subscriptions revenues that recur monthly, quarterly, or annually with specific or automatic renewal clauses and professional services revenues in which the underlying contract is based on a fixed fee and contains automatic annual renewal provisions.
- 3. LTM Recurring revenues. Our last twelve-months ("LTM") recurring revenues are calculated as recurring revenues recognized over the preceding twelve-month period.
- 4. Account retention rate. Our account retention rate for any given twelve-month period is calculated using the average currency exchange rates for the prior period, as follows: the prior period recurring revenues from all accounts with recurring revenues in the current and prior period, divided by total recurring revenues from all accounts during the prior period. 2019 calculated using ASC 605, and 2020, 2021, 2022, and 2023 calculated using ASC 606.
- 5. LTM Recurring revenues dollar-based net retention rate. Our LTM recurring revenues dollar-based net retention rate is calculated, using the average exchange rates for the prior period, as follows: the recurring revenues for the current period, including any growth or reductions from existing accounts, but excluding recurring revenues from any new accounts added during the current period, divided by the total recurring revenues from all accounts during the prior period. A period is defined as any trailing twelve months. Related to our platform acquisitions, recurring revenues into new accounts will be captured as existing accounts starting with the second anniversary of the acquisition when such data conforms to the calculation methodology. This may cause variability in the comparison. 2019 calculated using ASC 605, and 2020, 2021, 2022, and 2023 calculated using ASC 606.



KPI and non-GAAP definitions

- **6. Annualized Recurring Revenues ("ARR").** Our ARR is defined as the sum of the annualized value of our portfolio of contracts that produce recurring revenues as of the last day of the reporting period, and the annualized value of the last three months of recognized revenues for our contractually recurring consumption-based software subscriptions with consumption measurement durations of less than one year, calculated using the spot foreign exchange rates.
- 7. ARR growth rate. Our constant currency ARR growth rate is the growth rate of ARR measured on a constant currency basis. In reporting period-over-period ARR growth rates in constant currency, we calculate constant currency growth rates by translating current and prior period ARR on a transactional basis to our reporting currency using current year budget exchange rates.
- **8. ARR growth rate from business performance.** Our constant currency ARR growth rate from business performance excludes the ARR onboarding of our platform acquisitions and includes the impact from the ARR onboarding of programmatic acquisitions, which generally are immaterial, individually and in the aggregate.
- **9. Adjusted OI w/SBC.** Our Adjusted operating income inclusive of stock-based compensation expense ("Adjusted OI w/SBC") is defined as operating income adjusted for the following: amortization of purchased intangibles, expense (income) relating to deferred compensation plan liabilities, acquisition expenses, and realignment expenses (income).
- 10. Adjusted OI w/SBC margin. Our Adjusted OI w/SBC margin is calculated by dividing Adjusted OI w/SBC by total revenues.
- 11. Adjusted EBITDA. Our Adjusted EBITDA is defined as cash flow from operations adjusted for the following: cash interest, cash taxes, cash deferred compensation plan distributions, cash acquisition expenses, cash realignment costs, changes in operating assets and liabilities, and other cash items (such as those related to our interest rate swap). Adjusted EBITDA is our liquidity measure in the context of conversion of Adjusted EBITDA to cash flow from operations (i.e., the ratio of GAAP cash flow from operations to Adjusted EBITDA).
- 12. Organic ARR. Organic ARR is defined as reported ARR less ARR onboarded from programmatic acquisitions.
- 13. Free cash flow ("FCF"). FCF is defined as cash flow from operations less purchases of property and equipment and investment in capitalized software.

Liquidity and capital structure

9/30/2024 credit metrics

\$ in millions	
Cash	\$ 72
Senior debt ^a	\$ 168
Net senior debt ^b	\$ 96
Net senior debt leverage ^c	0.2x
Available revolver credit capacity	\$ 732

- Senior debt excludes \$1,263 million^a of convertible notes due 2026/2027 if not converted
 - Annual cash interest on these notes is minimal at ~\$3 million per year
 - Net debt leverage^d including convertible notes as indebtedness is 2.9x
- At \$100 million / year (exceeding recent average) for programmatic acquisitions, we can expect to de-lever at the rate of about .7x (turns of adjusted EBITDA¹¹) annually
- Convertible debt leverage is 2.7x

24Q4 senior secured credit facility refinancing

\$ in millions

- Refinanced credit facility in October 2024
- \$1,300 revolving credit facility
- 5 years
- Incremental \$500 accordion feature
- Proforma available revolver credit capacity of \$1,132
- Provides incremental flexibility to address the 2026 converts

Footnote a: Debt gross of unamortized debt issuance costs

Footnote b: Net senior debt is senior debt minus cash

Footnote c: Net senior debt leverage is net senior debt divided by LTM adjusted EBITDA¹¹ Footnote d: Net debt leverage is net senior debt plus \$1,263M of convertible notes divided by

LTM adjusted EBITDA¹¹

Footnote e: Convertible debt leverage is convertible debt divided by LTM adjusted EBITDA¹¹

Footnote 11: Refer to pages 31-32 for KPI and non-GAAP definitions



Reconciliation of GAAP to non-GAAP financial measures

Reconciliation of cash flow from operations to adjusted EBITDA				
(\$ in thousands)	LTM 24Q3			
Cash flow from operations	\$ 440,713			
Cash interest	20,149			
Cash taxes	46,751			
Cash deferred compensation plan distributions	2,436			
Cash acquisition expenses	7,203			
Cash realignment costs	12,874			
Change in operating assets and liabilities	(54,950)			
Other ^a	(9,603)			
Adjusted EBITDA	\$ 465,573			

Historical OI to Adjusted OI w/SBC

		2018	2019	2020	2021	2022	2023
(\$ in thousands)	Operating income	\$ 121,391	\$ 141,865	\$ 150,150	\$ 94,589	\$ 208,612	\$ 230,542
Amortization of	purchased intangibles	17,215	18,731	20,721	34,001	53,592	51,219
Defer	red compensation plan	(75)	408	177	95,046	(15,782)	13,580
Acquisition expenses		6,410	6,597	11,666	34,368	25,398	17,866
Realignment expenses (income)		6,778	(584)	10,022	-	2,109	11,470
Expenses associated with IPO		-	-	26,130	-	-	-
	Adjusted OI w/SBC	\$ 151,719	\$ 167,017	\$ 218,866	\$ 258,004	\$ 273,929	\$ 324,677

Note: 2018 revenues were calculated using ASC 605 / 2019-2024 revenues were calculated using ASC 606 | Footnote a: Includes receipts related to interest rate swap

Learning about BSY



ESG commitment



bentley.com/esg

Resilient and sustainable infrastructure is key to addressing climate change and other environmental challenges and is essential to sustaining our economies and improving our quality of life.

Going digital awards



Bentley's Going Digital Awards is an exciting and well-regarded global competition that recognizes the digital advancements in infrastructure.

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2023 ESG report



Bentley's ESG Report details how we are leading in more sustainable, ethical ways to influence our environmental (E), social (S), and governance (G) impacts.

bentley.com/bentley-systems-esg-report-2023

Infrastructure yearbook(s)



The Infrastructure Yearbook showcases the outstanding accomplishments of Bentley software users who design, build and operate the world's infrastructure.

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