

An aerial, top-down view of a modern cable-stayed bridge spanning a wide body of deep blue water. The bridge's deck is a light grey color, and it is supported by a central concrete pylon with two large, angled arms. Numerous white cables fan out from the pylon to the bridge deck. A few cars are visible on the road surface. The water shows ripples and reflections of light.

Bentley®

Advancing Infrastructure

Disclaimer

This presentation includes forward-looking statements regarding the future results of operations and financial position, business strategy, and plans and objectives for future operations of Bentley Systems, Incorporated (the "Company," "we," "us," and words of similar import). All such statements contained in or made during this presentation, other than statements of historical facts, are forward-looking statements. The words "believe," "may," "will," "estimate," "continue," "anticipate," "intend," "expect" and similar expressions are intended to identify forward-looking statements. We have based these forward-looking statements largely on our current expectations, projections and assumptions about future events and financial trends that we believe may affect our financial condition, results of operations, business strategy, short-term and long-term business operations and objectives, and financial needs. These forward-looking statements are subject to a number of risks, uncertainties and assumptions, and there are a significant number of factors that could cause actual results to differ materially from statements made in or during this presentation including: adverse changes in global economic and/or political conditions; the impact of current and future sanctions, embargoes and other similar laws at the state and/or federal level that impose restrictions on our counterparties or upon our ability to operate our business within the subject jurisdictions; political, economic, regulatory and public health and safety risks and uncertainties in the countries and regions in which we operate; failure to retain personnel necessary for the operation of our business or those that we acquire; failure to effectively manage succession; changes in the industries in which our accounts operate; the competitive environment

in which we operate; the quality of our products; our ability to develop and market new products to address our accounts' rapidly changing technological needs; changes in capital markets and our ability to access financing on terms satisfactory to us or at all; the impact of changing or uncertain interest rates on us and on the industries we serve; our ability to integrate acquired businesses successfully; and our ability to identify and consummate future investments and/or acquisitions on terms satisfactory to us or at all; and other risks and uncertainties described in our reports filed from time to time with the Securities and Exchange Commission, including our Annual Report on Form 10-K for the year ended December 31, 2023 and subsequent Form 10-Qs.

The forward-looking statements made in this presentation are made as of May 7, 2024. If this presentation is reviewed after May 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.

Revenue metrics are presented under Accounting Standard Codification ("ASC") 606, unless stated otherwise.

Please refer to the Appendix 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 organic growth

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

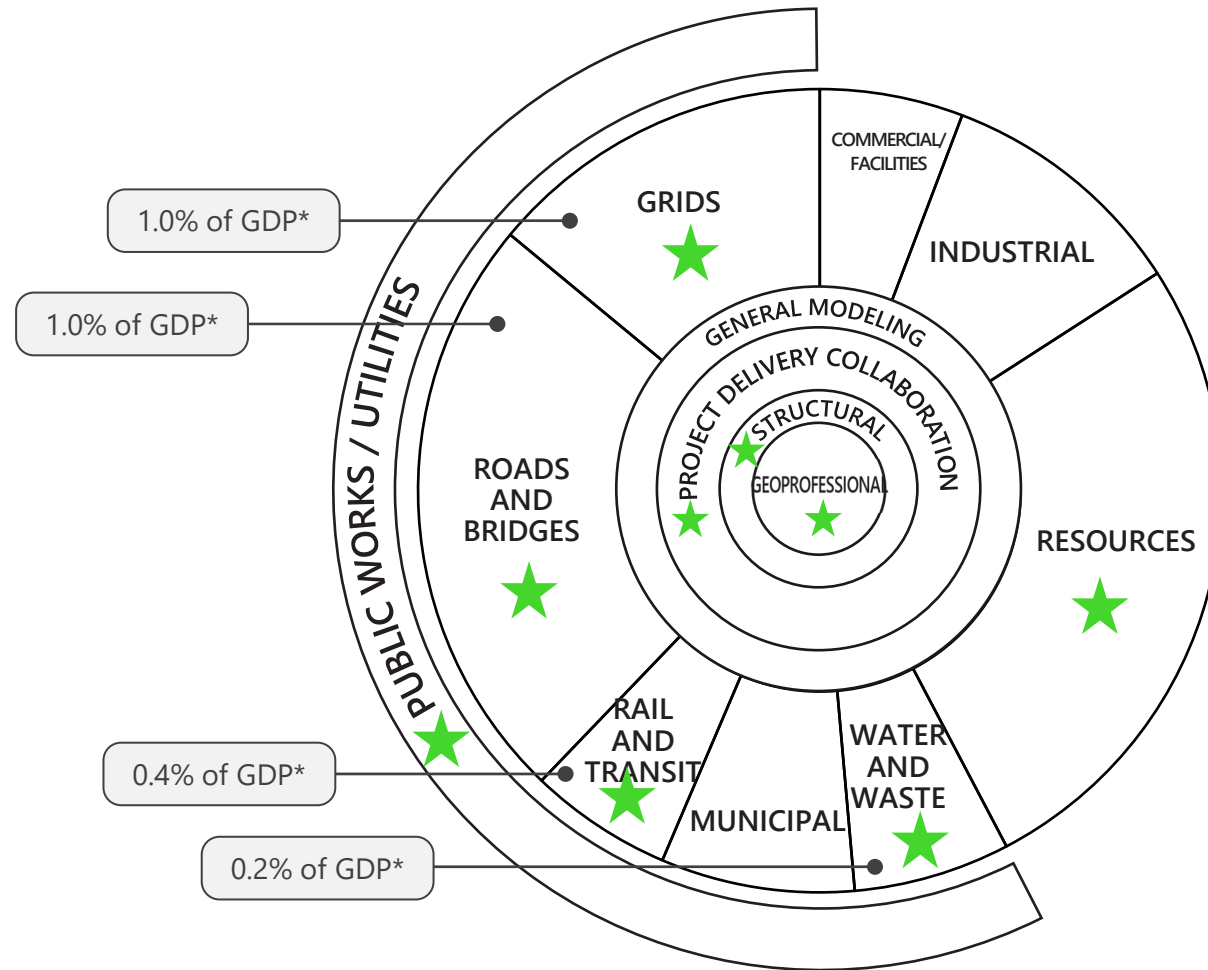
Strong cash flow conversion generates capital for reinvestment, acquisitions, and return of capital (dividends and buybacks to offset SBC dilution)

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



ARR⁶ by End Markets (Infrastructure Sectors)

THE Infrastructure Engineering Software Company

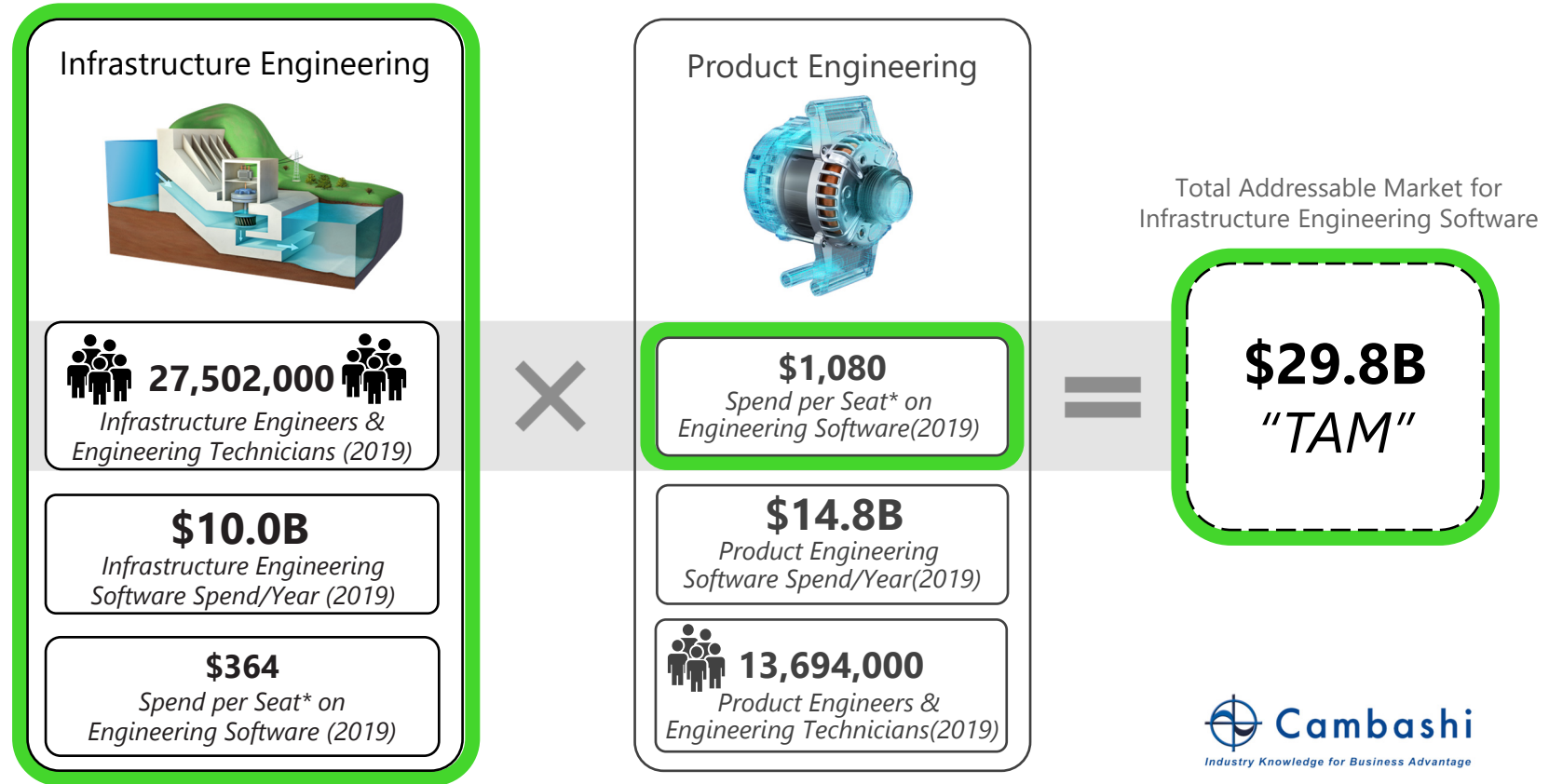


*Oxford Economics Outlook Global Infrastructure Spending 2016 through 2040

Footnote 6: Annualized Recurring Revenue – Refer to pages 29-30 for KPI and non-GAAP definitions

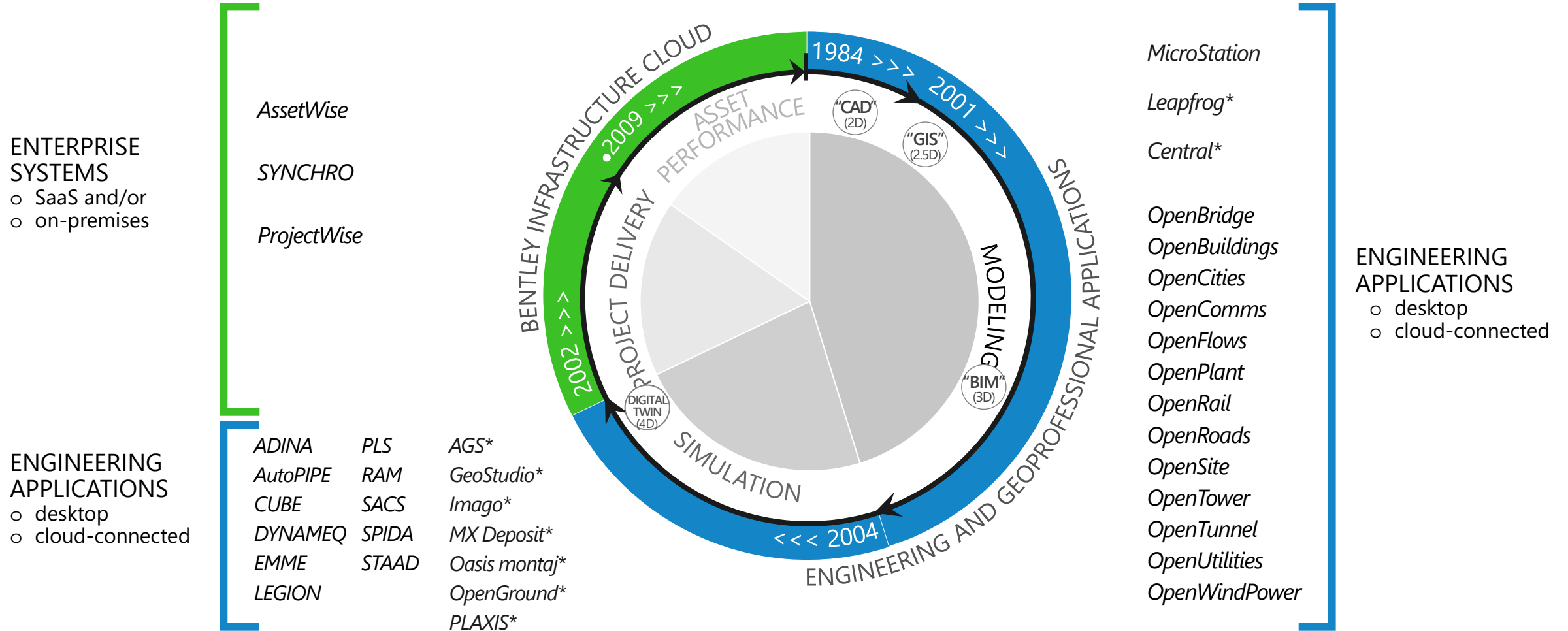
Total Addressable Market ("TAM")

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 (Infrastructure and BSY) Lifecycle...

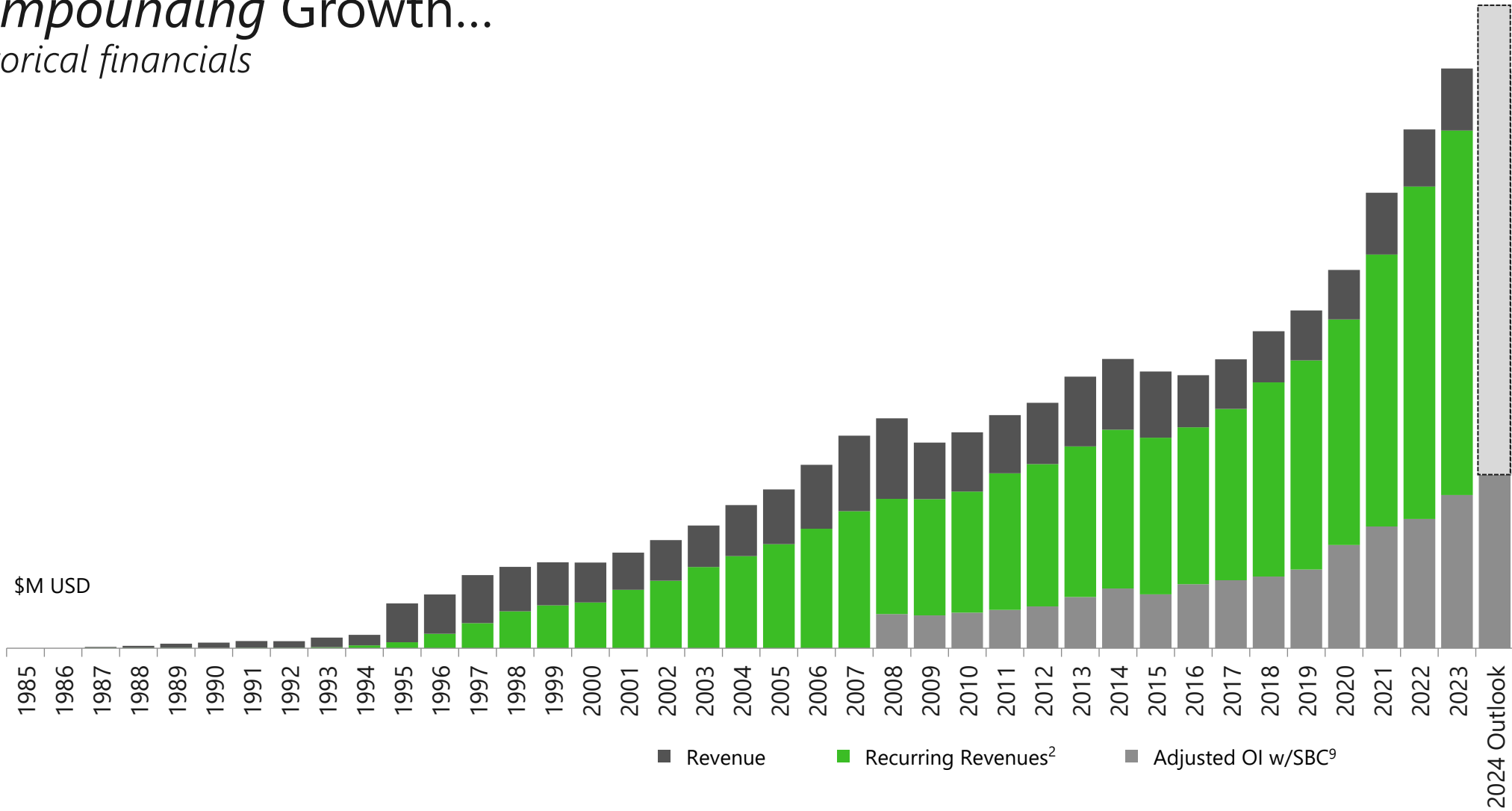


Footnote *: Seequent (Geoprofessional)

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

Compounding Growth...

Historical financials

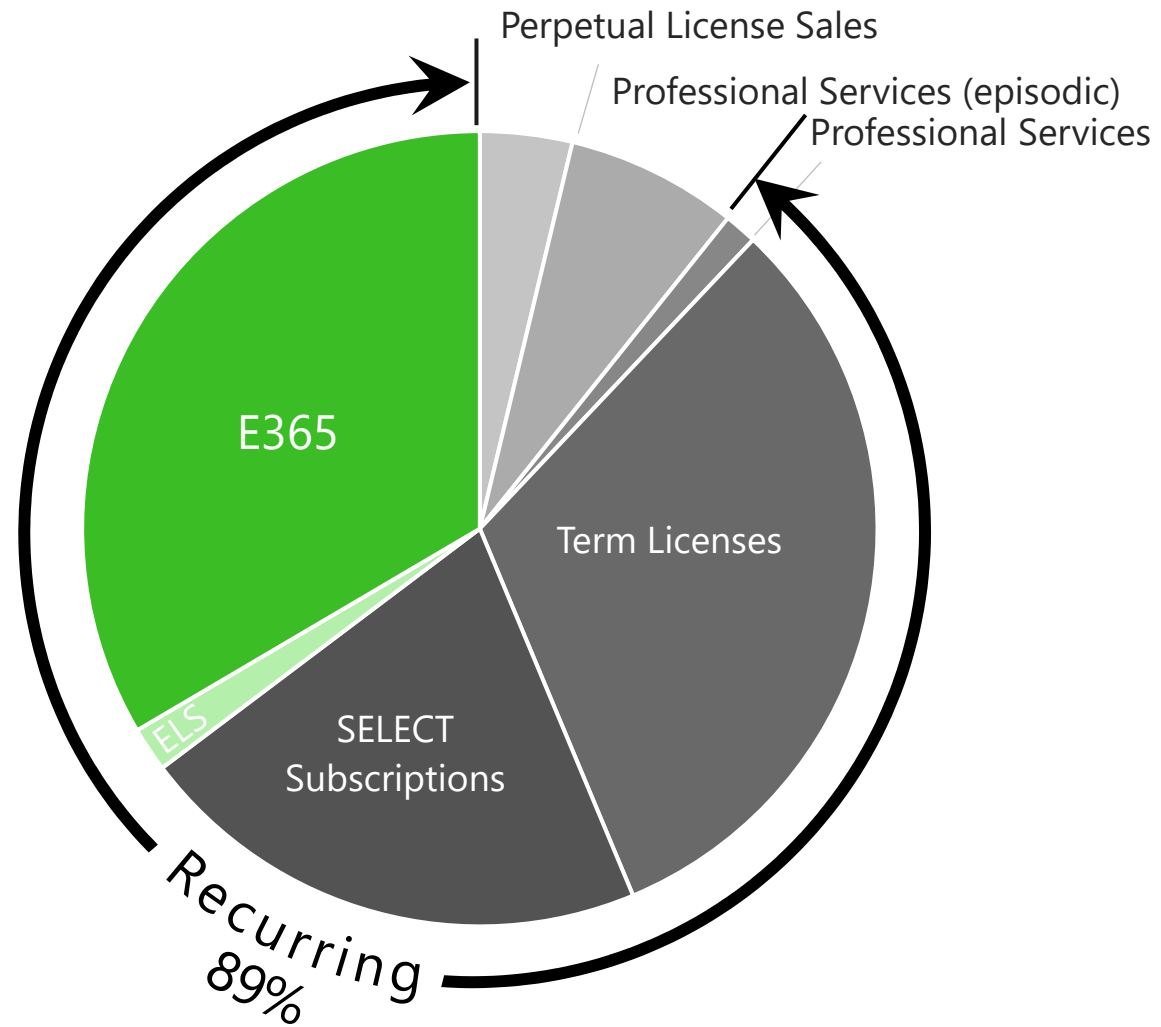


Note: 1985–2018 revenues were calculated using ASC 605 / 2019-2023, and 2024 Outlook revenues were calculated using ASC 606

Footnote 2: Refer to pages 29-30 for KPI and non-GAAP definitions

Footnote 9: Refer to page 31 for non-GAAP reconciliations and historical OI to Adjusted OI w/SBC

Revenues by *Commercial Model*



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

The Year in Infrastructure 2023

(Singapore, October 11-12, 2023)

302 Going Digital Award Nominees	51 Countries
36 Finalists	12 Independent-Juried Categories
Median of Finalists' reported engineering saving 18%	



Online gallery of these case studies at
<https://www.bentley.com/events/going-digital-awards/>

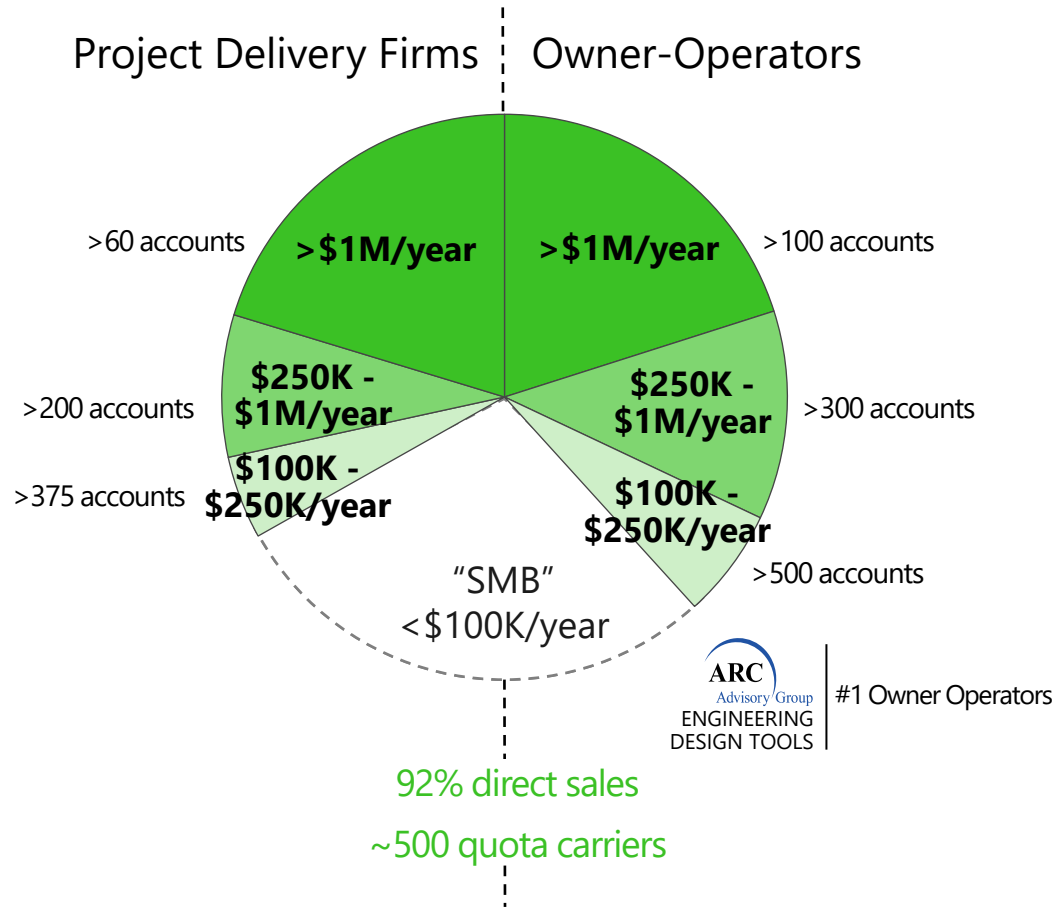
Infrastructure Yearbook

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



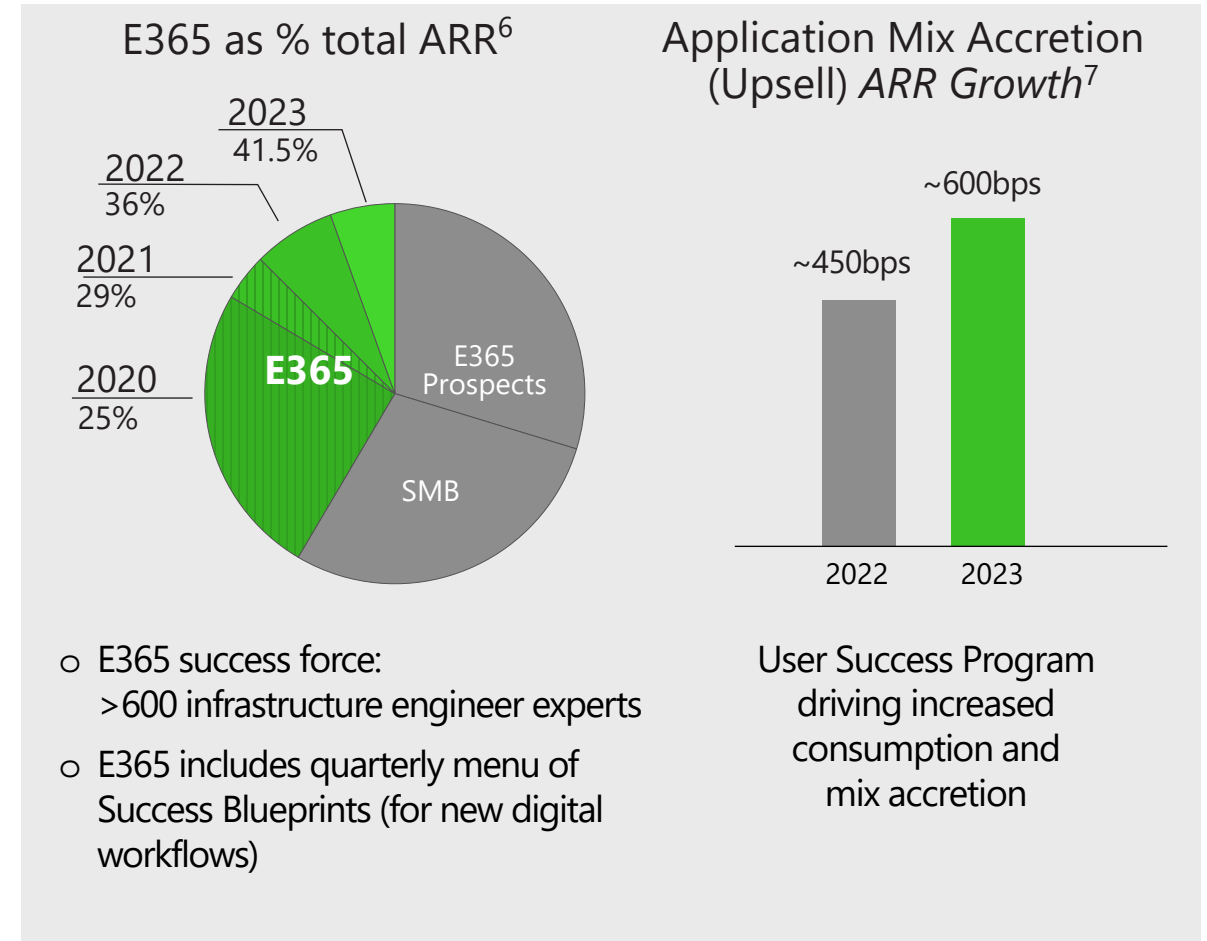
Growth Initiative #1 - E365 | Enterprise Accounts

Accretion in Enterprise Accounts



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

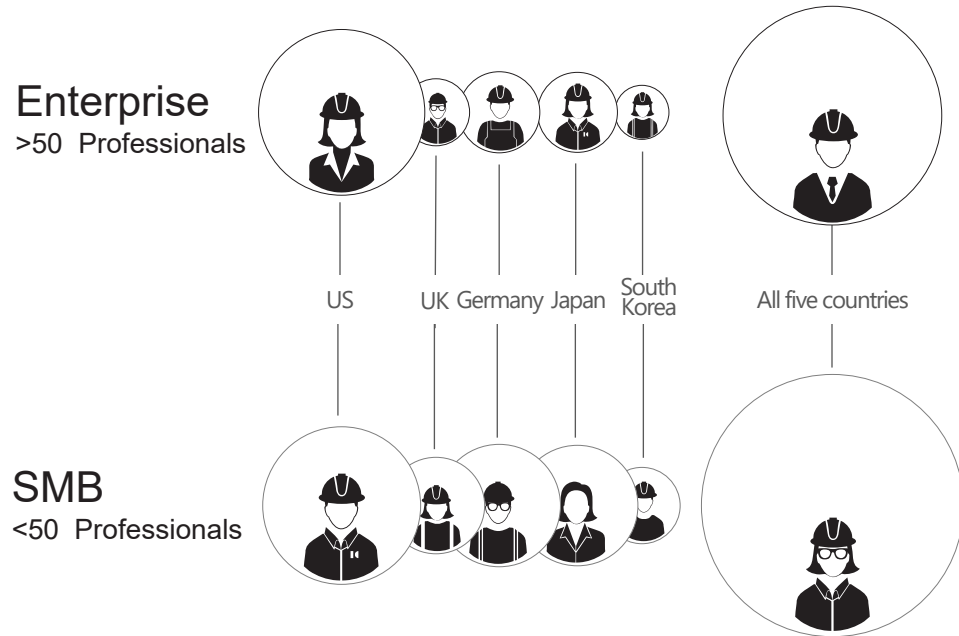
Footnotes 6, 7: Refer to pages 29-30 for KPI and non-GAAP definitions



Growth Initiative #2 - *Virtuosity* | SMB

Increasing Penetration in Small and Medium-Sized Businesses ("SMBs")

Number of infrastructure engineers, by size of firm

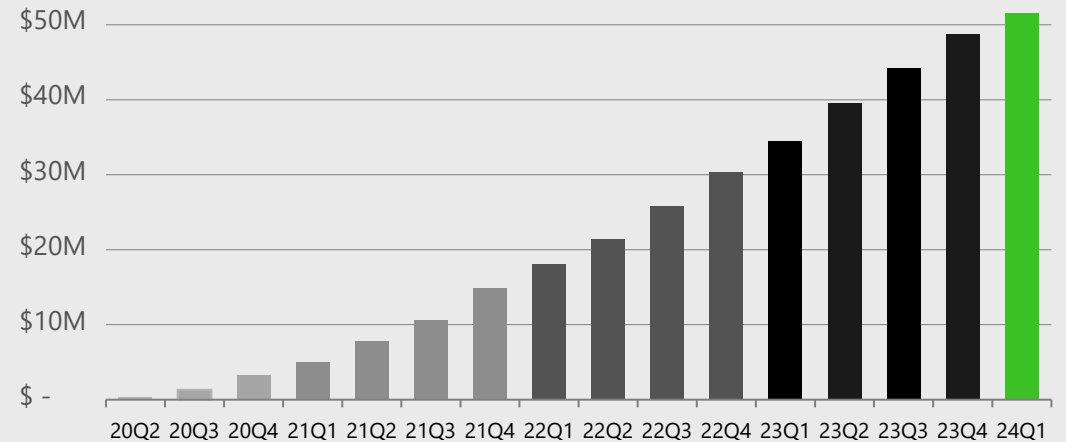


The SMB Potential



Source: Oct. 2021 Cambashi study commissioned by Company

Virtuosity ARR⁶

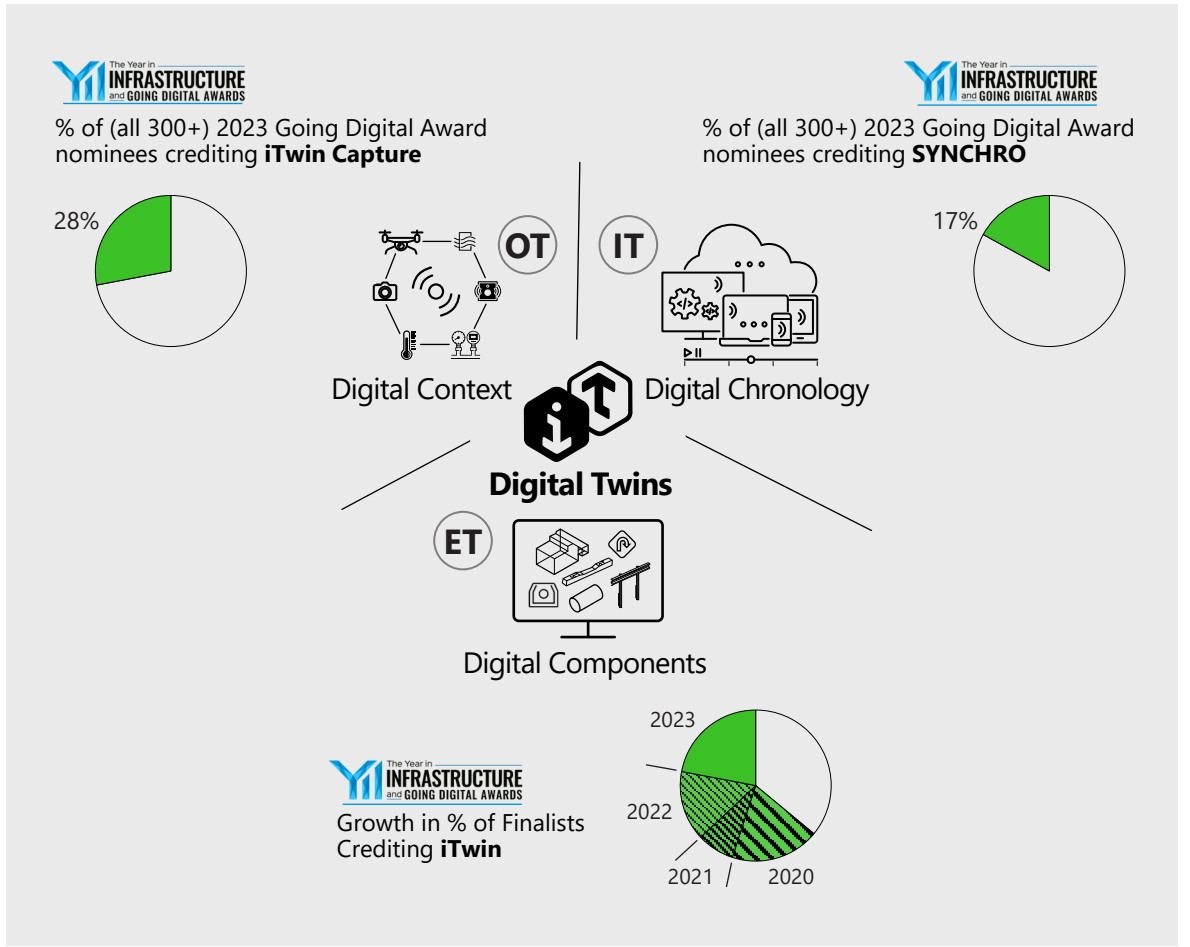
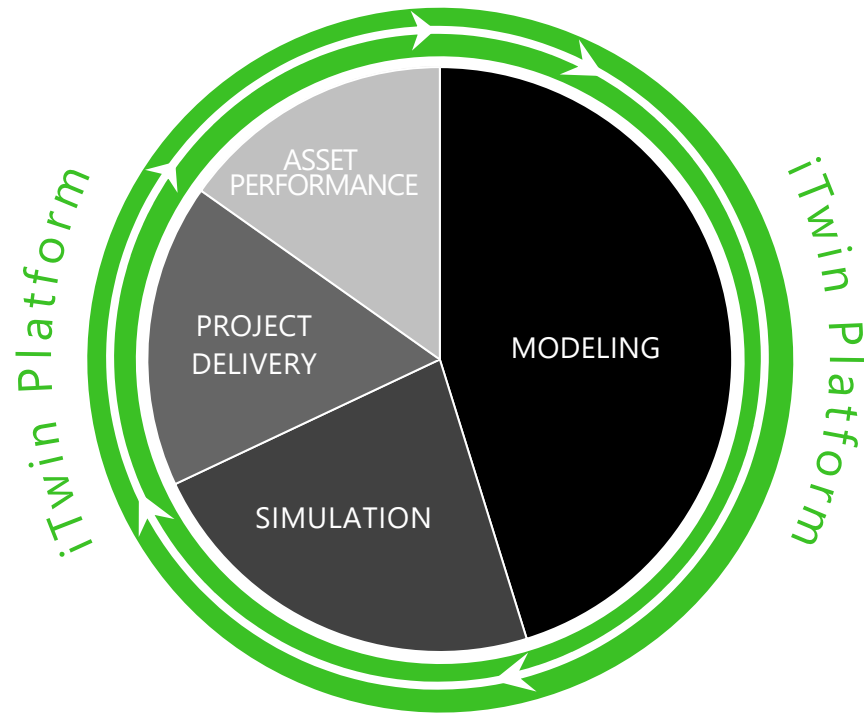


- Virtuoso Subscriptions combine license with expert assistance
- Targeted at SMB via direct-sales Digital Experience
- >175 inside sales quota carriers
- Added ~3-4% in *ARR growth*⁷ for the last six quarters, and 600+ new logos, for last eight quarters

Footnotes 6,7: Refer to pages 29-30 for KPI and non-GAAP definitions

Growth Initiative #3 - *Digital Twins* (Powered by iTwin Platform)

Cloud Services Synchronizing, Aligning, Federating Infrastructure Engineering Data for AI Accessibility



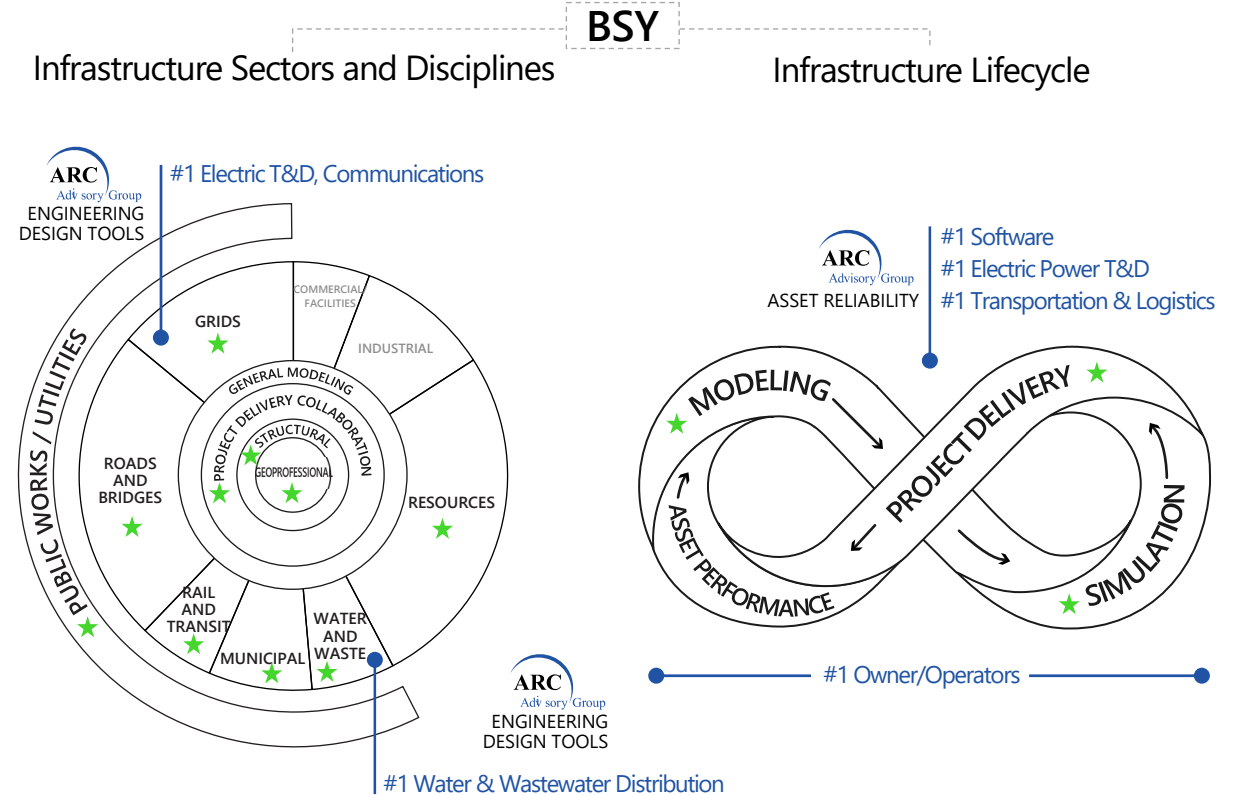
Competitive Landscape

THE Infrastructure Engineering Software Company!

	BSY	ADSK	TRMB	ESRI	HEX	AVV	NEM	DASTY	AZPN
PUBLIC WORKS / UTILITIES	★								
GRIDS	★								
ROADS AND BRIDGES	★								
RAIL AND TRANSIT	★								
MUNICIPAL	★			★					
WATER AND WASTE	★								
RESOURCES	★								
INDUSTRIAL					★	★			
COMMERCIAL / FACILITIES		★							
GEOPROFESSIONAL	★								
STRUCTURAL	★								
PROJECT DELIVERY COLLABORATION	★								
GENERAL MODELING									
MODELING	★								
SIMULATION	★								
PROJECT DELIVERY	★								
ASSET PERFORMANCE				★					

Market Presence	Strong	Moderate	Low	Minor
★ Market Leader	■	■	■	■

Company	ADSK	AVV	TRMB	NEM	ESRI	DASTY	HEX	AZPN
ADSK - Autodesk	■	■	■	■	■	■	■	■
AVV - Aveva	■	■	■	■	■	■	■	■
TRMB - Trimble	■	■	■	■	■	■	■	■
NEM - Nemetschek	■	■	■	■	■	■	■	■
ESRI - Esri	■	■	■	■	■	■	■	■
DASTY - Dassault Systems	■	■	■	■	■	■	■	■
HEX - Hexagon	■	■	■	■	■	■	■	■
AZPN - AspenTech	■	■	■	■	■	■	■	■



Programmatic Acquisitions...

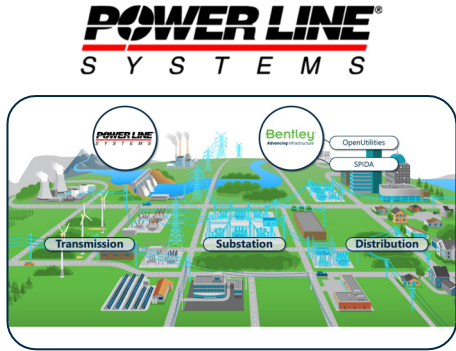


SEEQUENT
POWER LINE SYSTEMS

Platform Acquisitions...

Platform Acquisitions

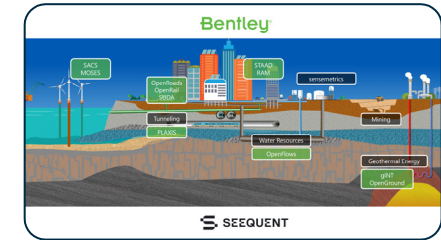
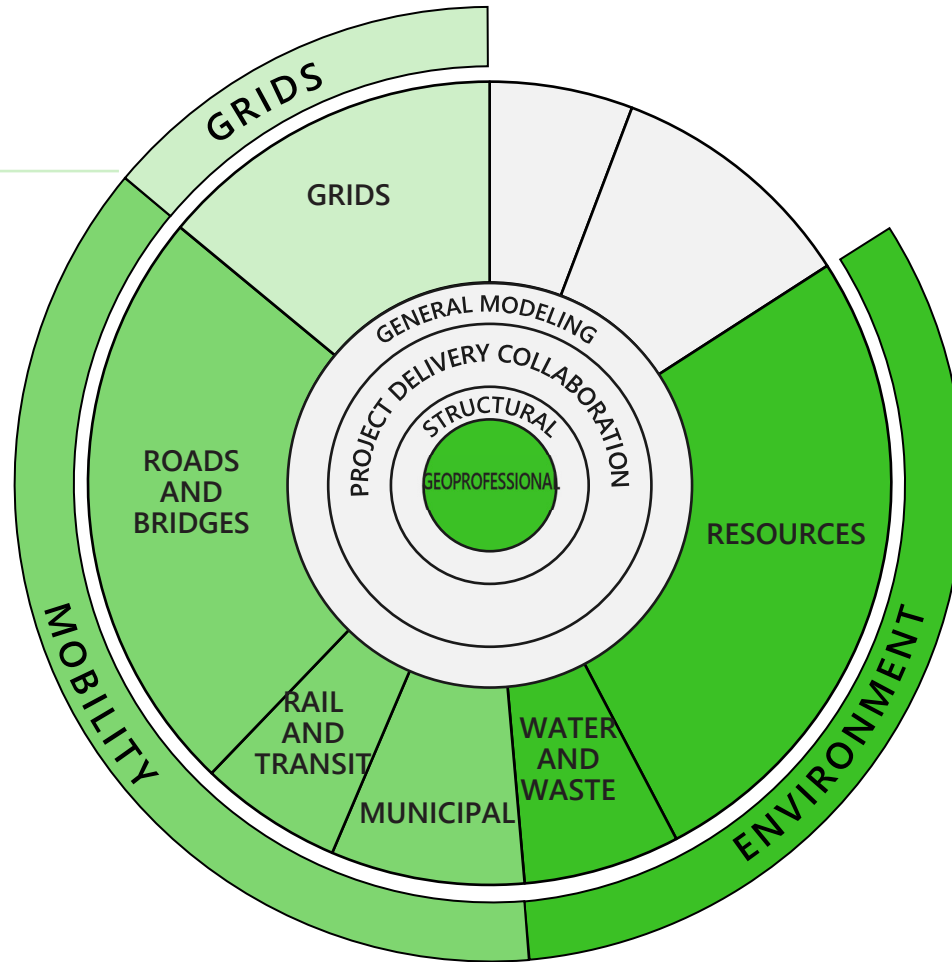
Expanding Infrastructure Digital Twin Opportunities Beyond Mobility, to Grids and Environment...



~\$700MM
net consideration

January 2022

*Financed with
senior debt*



~\$1.1BN
consideration

June 2021

*Financed primarily with
convertible debt*

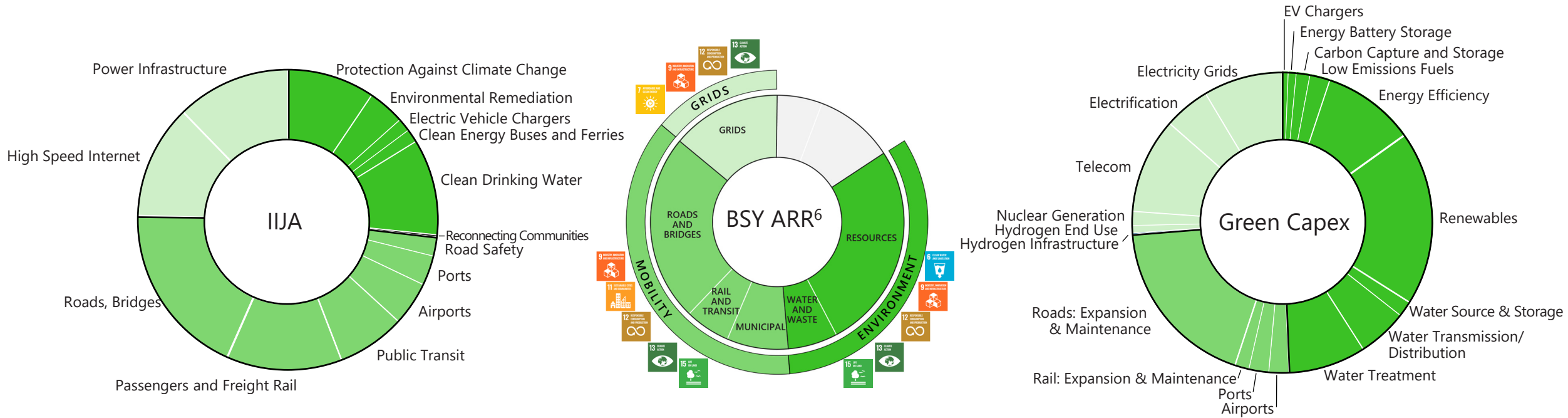
Note: Chart segment sizing corresponds to underlying % of 2023 Revenue

ES(D)G: Empowering Sustainable Development Goals



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)
 (IIJA, and "IRA" in U.S. are representative of incremental multi-year infrastructure and energy transition investment programs also exist in EU, UK, India, Australia, China, ...)

Green Capex: Capturing the Opportunities
 2022 Sustainability And Impact Series
 Annual investment required, 2020s (US\$ tn)

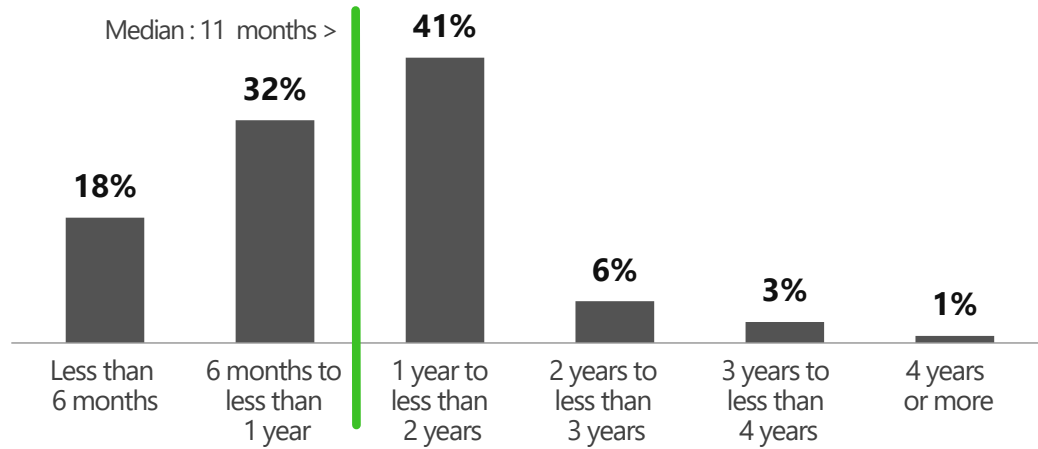
Source: IEA, OECD, McKinsey & Company, Goldman Sachs Global Investment Research – 2021/10/11

Footnote 6: Refer to pages 29-30 for KPI and non-GAAP definitions

Infrastructure Engineering at Capacity

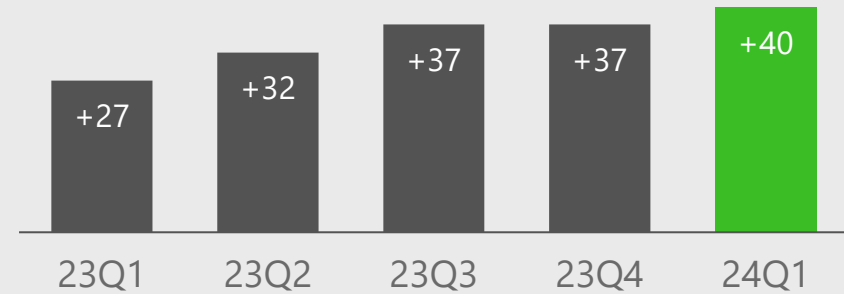
Prioritizing Going Digital

Current Backlog
Infrastructure Engineering Demand



ACEC - Business Sentiment © | 2024 Q1

Backlog 12 Months from Now
Inflection in "Net Ratings" Expectations

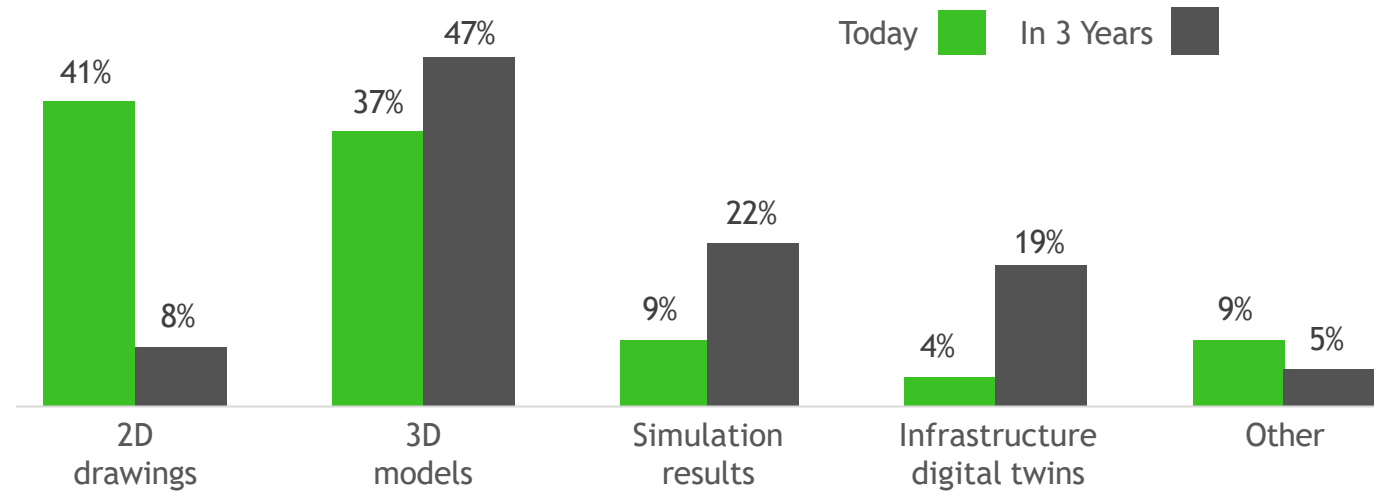


ACEC - Business Sentiment © | 2024 Q1

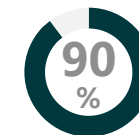
Infrastructure Engineering Priorities

Going Digital

Client Priorities Today and in Three Years
Deliverables Prioritized by Your Clients (Based on Priority 1 Rank)



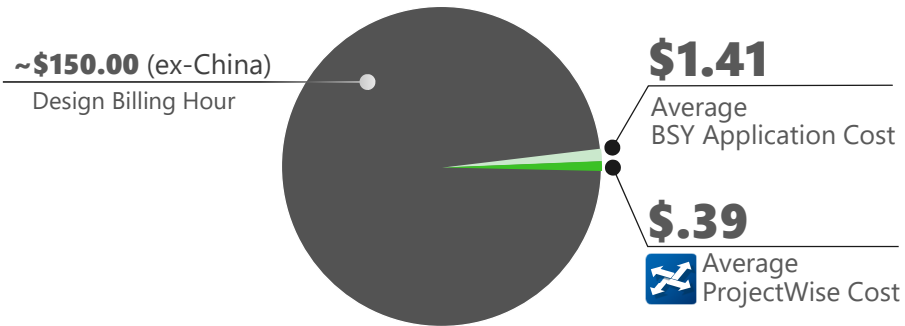
Source: AEC CEO Summit 2022
<https://www.aecadvisors.com/event/ceo-summit-2022>



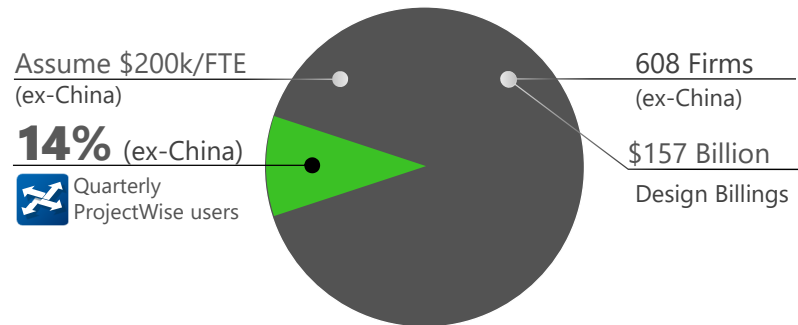
North American AEC Market Represented

Opportunities in Engineering News-Record (Global) *Top Design Firms*

BSY as Established Leader, with Long Upside Runway for Going Digital



Ample opportunity for application upsell (mix accretion)

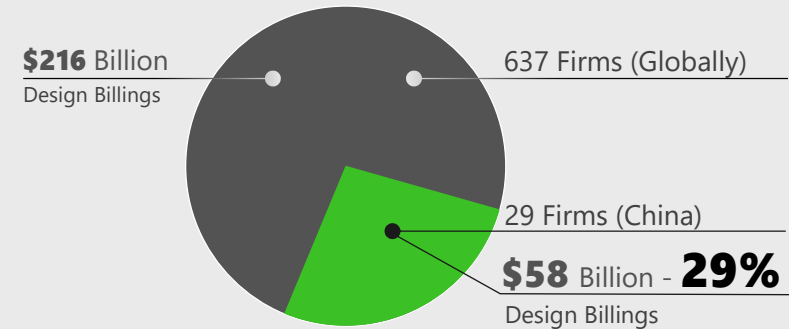


Ample opportunity for further standardization on ProjectWise for data-centric AI



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

The China Opportunity

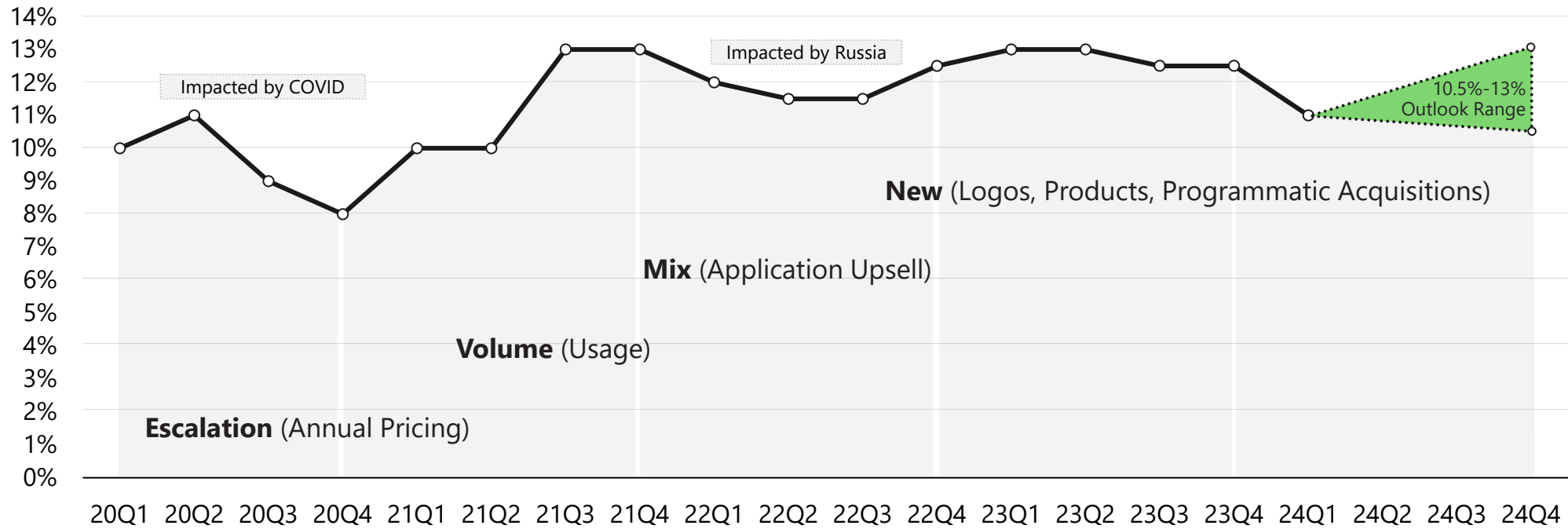


Pivoting to "localization" in China (currently ~3% of BSY ARR⁶) to surmount geopolitical obstacles and cloud limitations

- 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 (MicroStation-based) applications (*East Wise*)...
- Expect regression to local preference for license sales at the expense of ARR⁶

Resilient ARR Growth⁸ Layering Multiple Growth Drivers

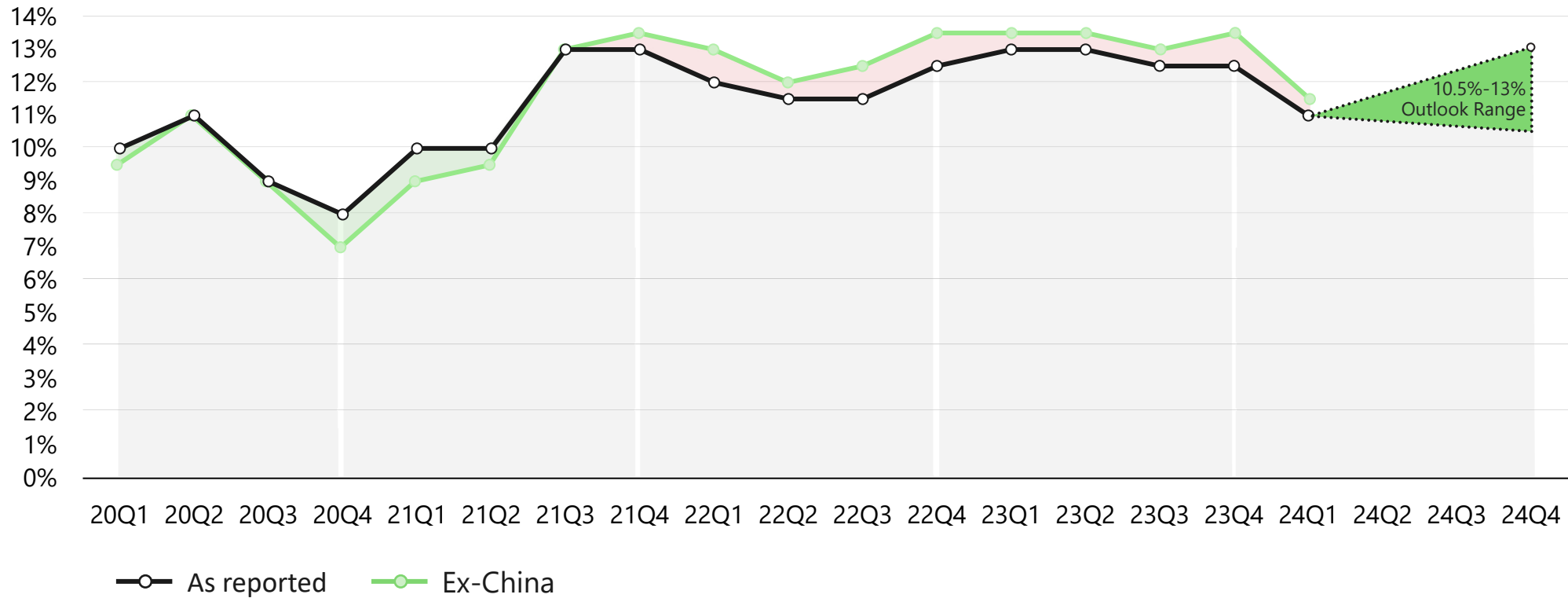
YoY Constant Currency Business Performance



Footnote 8: Refer to pages 29-30 for KPI and non-GAAP definitions

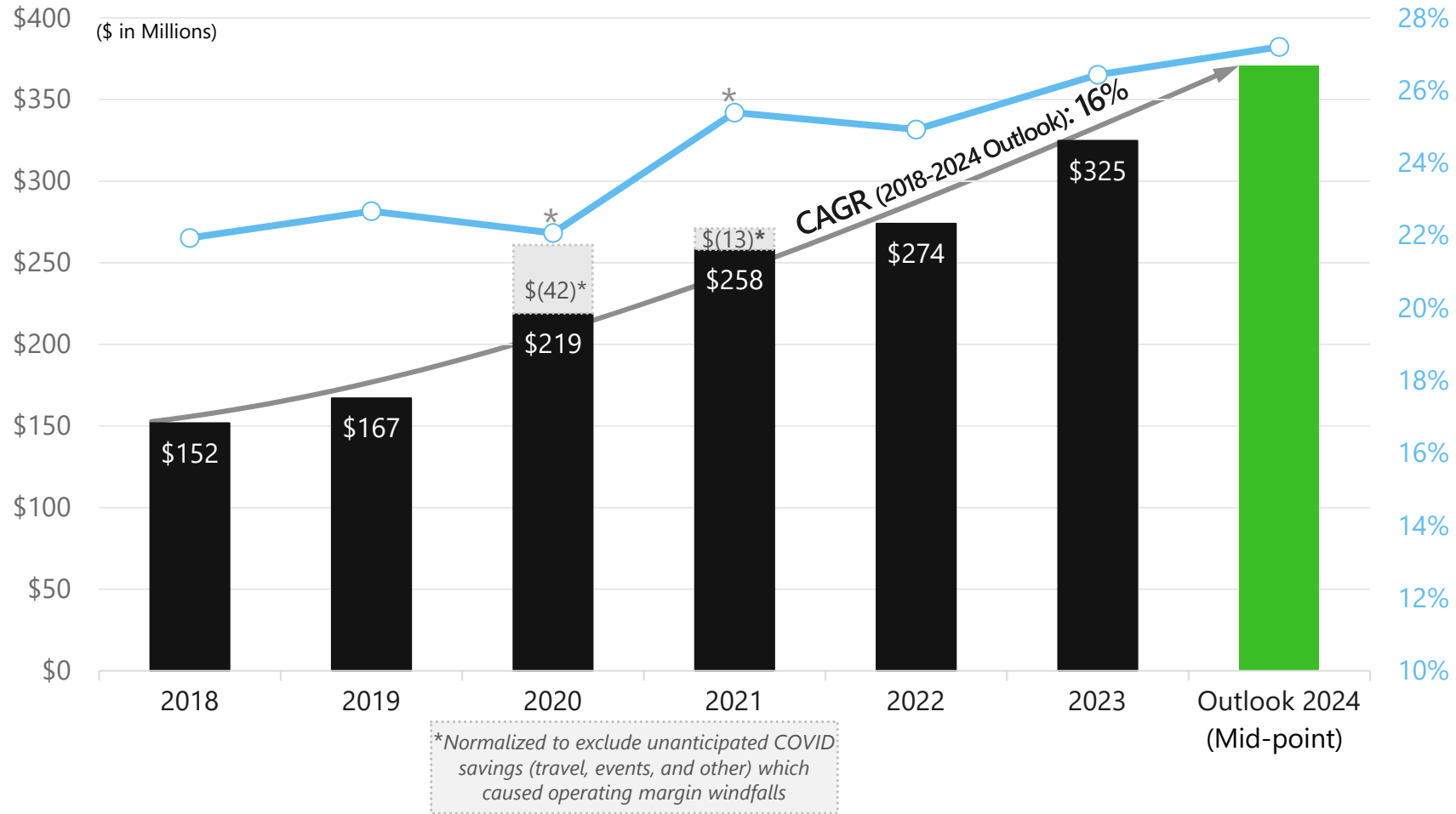
Strong ARR Growth⁸ ...

YoY Constant Currency Business Performance



Footnote 8: Refer to pages 29-30 for KPI and non-GAAP definitions

Compounding Operating Profit (Adjusted OI w/SBC⁹)



Footnote 9: Refer to pages 29-30 for KPI and non-GAAP definitions
 Note: 2018 revenues were calculated using ASC 605,
 2019-2023, and 2024 Outlook revenues were calculated using ASC 606

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 80% of Adjusted EBITDA ¹¹
Capital expenditures	Approximately \$22 million

Additional expectations to support financial modeling

- Full year interest expense of approximately \$29 million. Around \$13 million cash interest (net of around \$9 million of payments received from our interest rate swap);
- Full year cash taxes of around \$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 29-30 for KPI and non-GAAP definitions

Financial Drivers

Resilient ARR Growth⁷

~90% Subscription Revenues

Commitment to robust R&D investment

>22% of revenue

Commitment to annual margin improvement

Global, direct sales investments complete

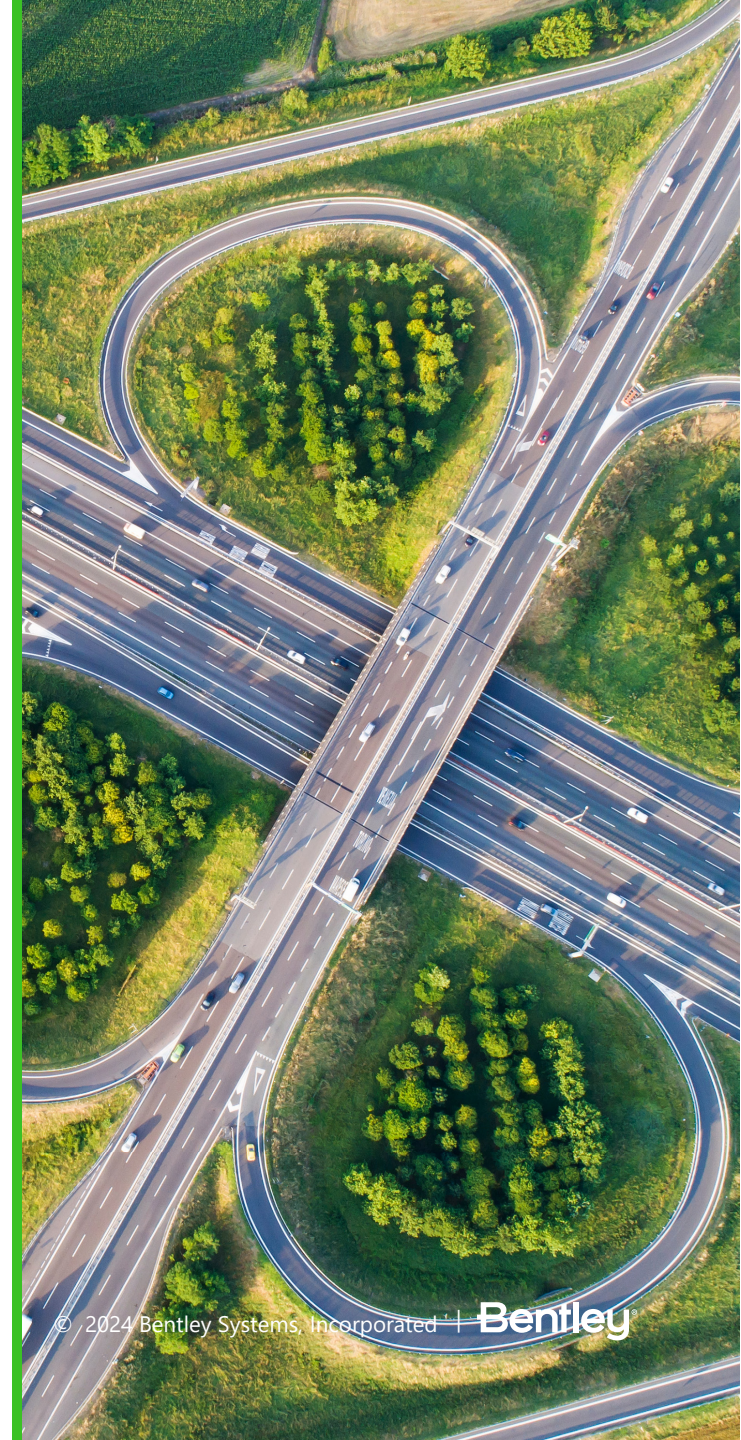
~100 bps in *Adjusted OI w/SBC* margin¹⁰

Cashflow efficiency

~75% of revenue paid annually in advance

~20% effective tax rate

~80% Adjusted EBITDA¹¹ conversion



Capital Allocation Priorities

Commitment to (stock and/or convertible debt) **repurchases** to offset dilution from stock-based compensation

Commitment to (modest) **dividend**

Commitment to programmatic **acquisitions**

Senior debt

\$188MM term loan, fixed at ~2.6% via interest rate swap maturing 2030

Revolving debt balance at end of 24Q1: \$0

Net Senior Debt Leverage^b at end of 24Q1: 0.1x

Convertible debt funded accretive platform acquisitions

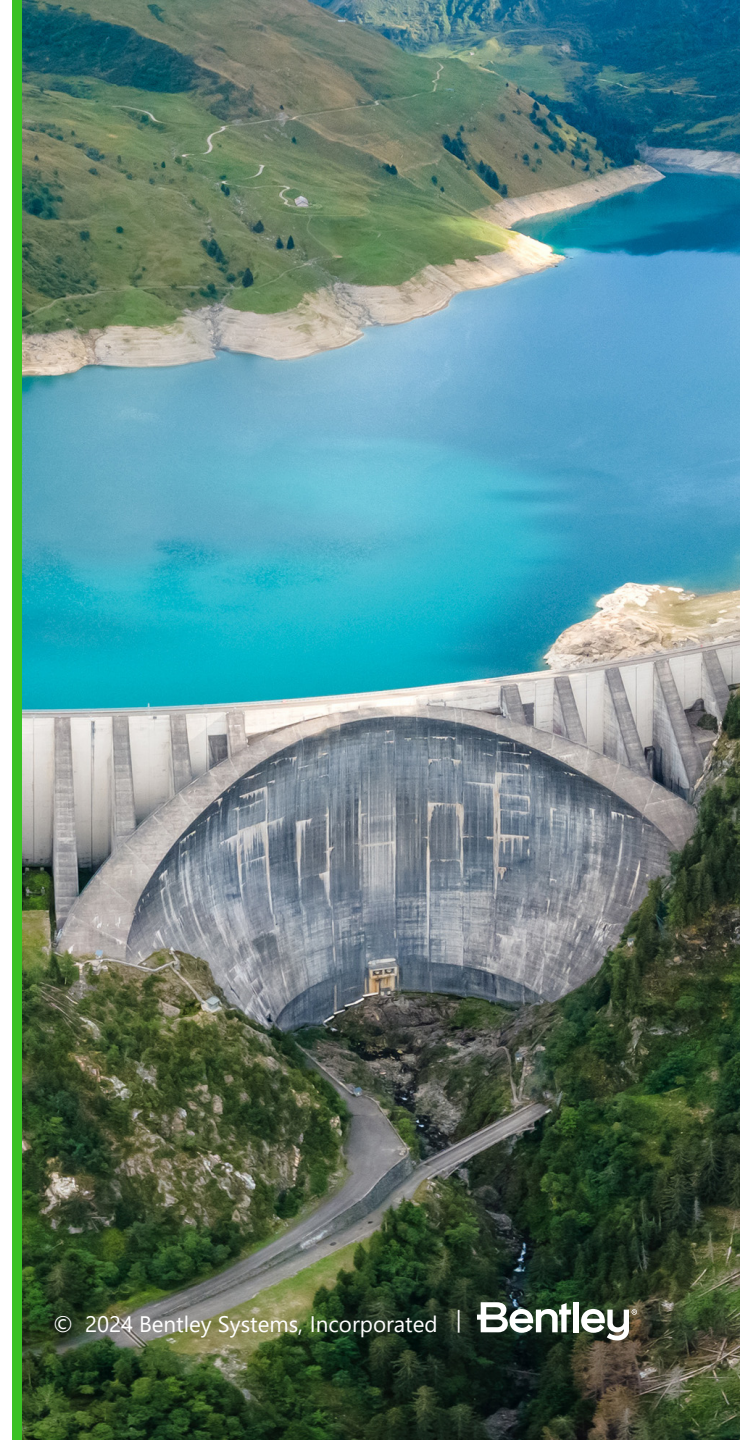
~\$1.3B, debt service fixed at ~0.24% coupon through 2026/2027 maturities

Convertible leverage^a at end of 24Q1: 2.9x (less than 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 29-30 for KPI and non-GAAP definitions



Compounding *Predictability*

Predictable governance

Farsighted founding family control
(dual-class corresponds to majority economic ownership, sunseting 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 “comprehensive moat”

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 29-30 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.bentley.com.

- 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, 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.

Reconciliation of GAAP to Non-GAAP Financial Measures

Reconciliation of cash flow from operations to Adjusted EBITDA

(\$ in thousands)	LTM 24Q1
Cash flow from operations	\$ 445,442
Cash interest	32,173
Cash taxes	47,941
Cash deferred compensation plan distributions	2,177
Cash acquisition expenses	12,163
Cash realignment costs	7,785
Change in operating assets and liabilities	(99,759)
Other ^a	(9,240)
Adjusted EBITDA	\$ 438,682

Historical OI to Adjusted OI w/SBC

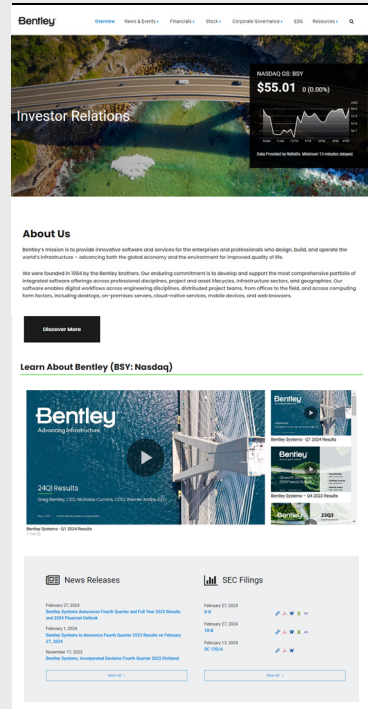
(\$ in thousands)	2018	2019	2020	2021	2022	2023
Operating income	\$ 121,391	\$ 141,865	\$ 150,150	\$ 94,589	\$ 208,612	\$ 230,542
Amortization of purchased intangibles	17,215	18,731	20,721	34,001	53,592	51,219
Deferred compensation plan	(75)	408	177	95,046	(15,782)	13,580
Acquisition expenses	6,410	6,597	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 / 2019-2023 revenues were calculated using ASC 606

Footnote a: Includes receipts related to interest rate swap.

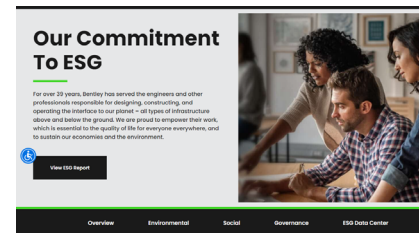
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Resilient and sustainable infrastructure is key to addressing climate change and other environmental challenges, and is essential to sustaining our economies and improving our quality of life.

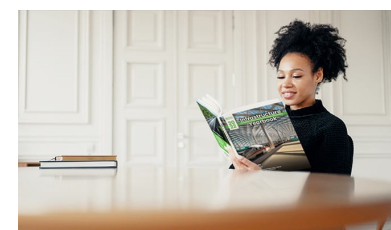
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