

The 5G Diamond

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December 2023

Recommendation

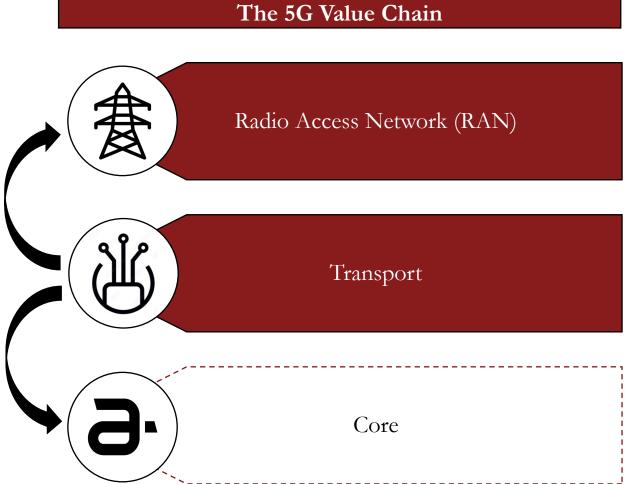


We recommend a long position in DOX with an upside of 29.5% based on the price target of \$111.78 with a timeframe of 1 year. The bull case has an upside of 59.0% and the bear case has a downside of -25.9%

5G Basics

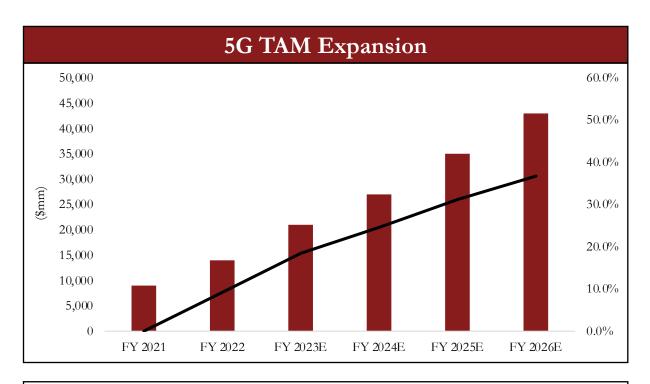


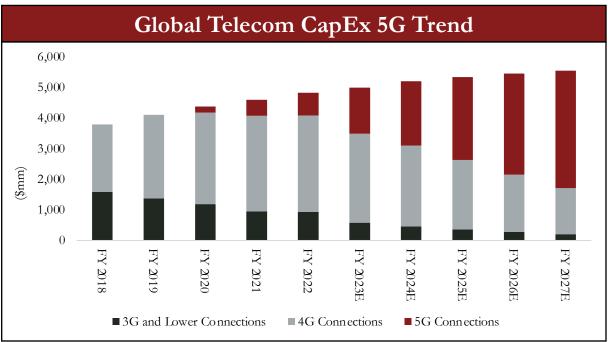
High-Frequency Radio Waves Mid-Frequency Radio Waves Low-Frequency Radio Waves 5**G**



Domination of 5G







As 5G CapEx increases, a positive correlation is seen with the Total Addressable Market (TAM), which is anticipated to grow at ~25.0% CAGR in 2024

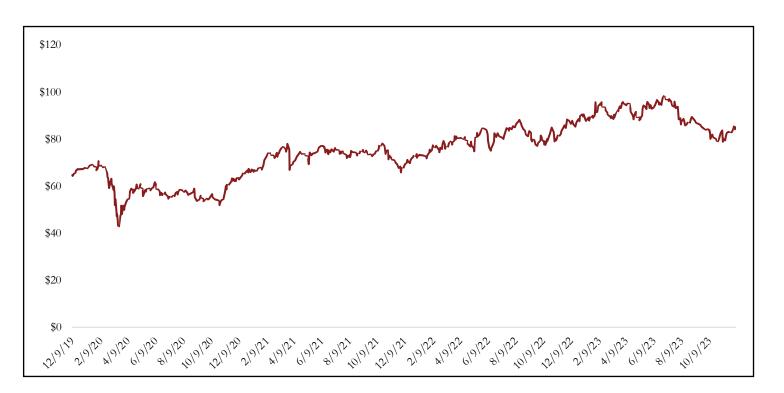
While telecom spend is expected to be roughly flat over the next 4 years, **5G** is expected to take over the majority of CapEx with **4G** and **3G** declining

Source(s): PWC, Omdia

Company Background



Amdocs Limited (DOX), founded in 1982 in Israel, is a **SaaS company that specializes in BSS/OSS solutions**, mainly servicing **telecom and media end markets**. The company's services, which are developed and managed in-house, are comprised of, but not limited to, cloud and cloud-native, microservices, DevSecOps, edge computing, and bimodal operations



Share Price	\$85.90
Market Capitalization	\$9,854.16
LTM Revenue	\$4,887.55
LTM EBITDA	\$850.27
Diluted EPS*	\$4.50
Shares Outstanding*	119,000,000

^{*}All numbers are present in TTM data and are in (\$mm) except in Diluted EPS and Shares Outstanding

Making a Dollar



Consulting (Tech, Business, Cloud)

Mobile Network Integration

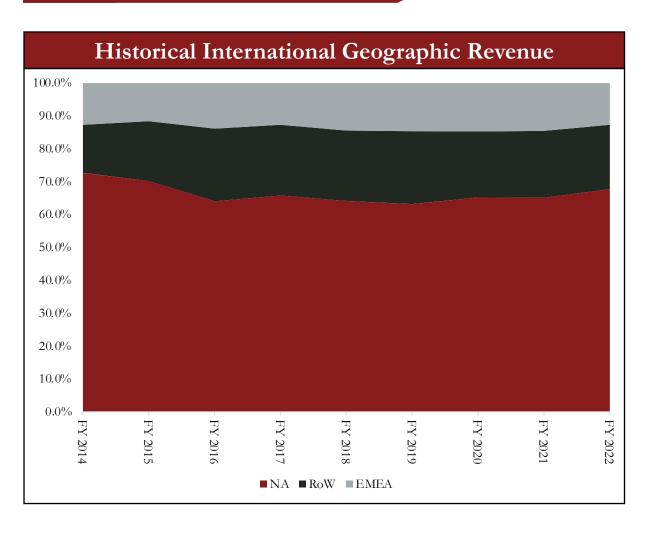
Experience Design

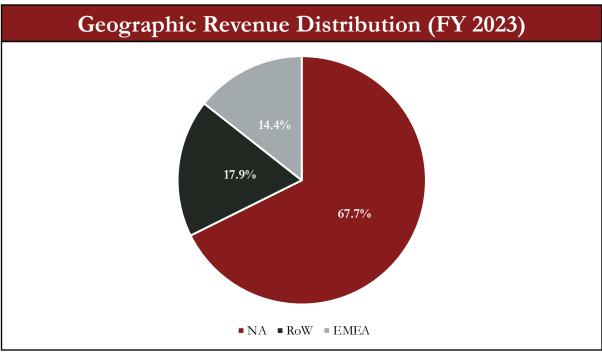
Contractual Vertical Expansions 5G Applications Cloud-Native Security & Solutions **DOX** Total Revenue AI-Implentation **Customer Experience Suite End-Market Monetization** Commerce & Care (UI & UX) Catalog Management Backlog (Contracts >1 Year) Contracts <1 Year **Digital Brands Suite** Network Automation Network Optimization Network Deployment Managed Services Cloud

Source(s): DOX 20-F, DOX 2022 Annual Report

Revenue Breakdown





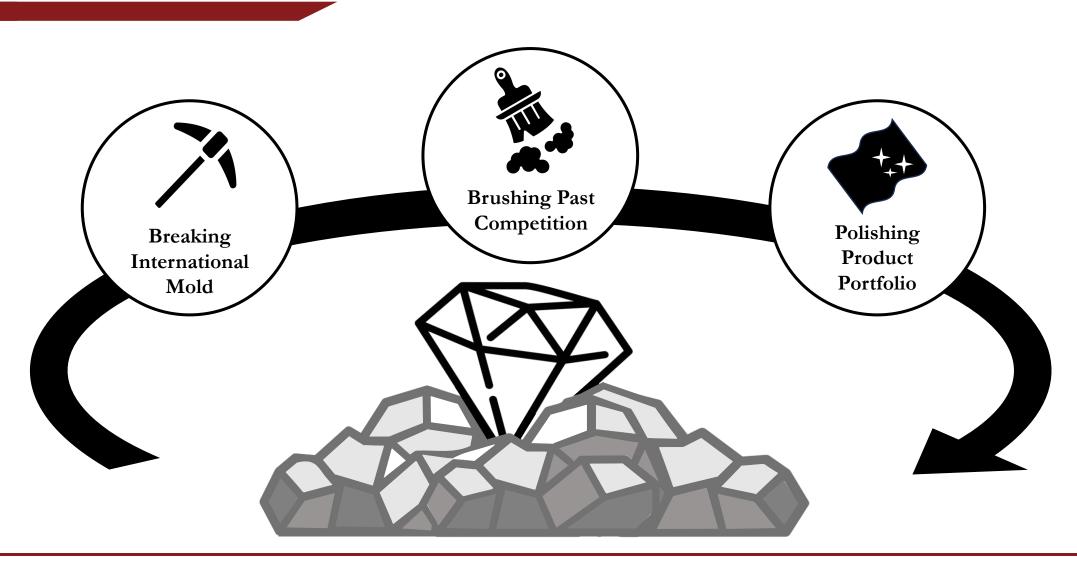


While DOX has mainly focused in the domestic, NA region, we expect a gradual shift towards EU and RoW due to international end market guidance

Source(s): DOX 20-F

The 5G Diamond







International Demand



End Market International Growth



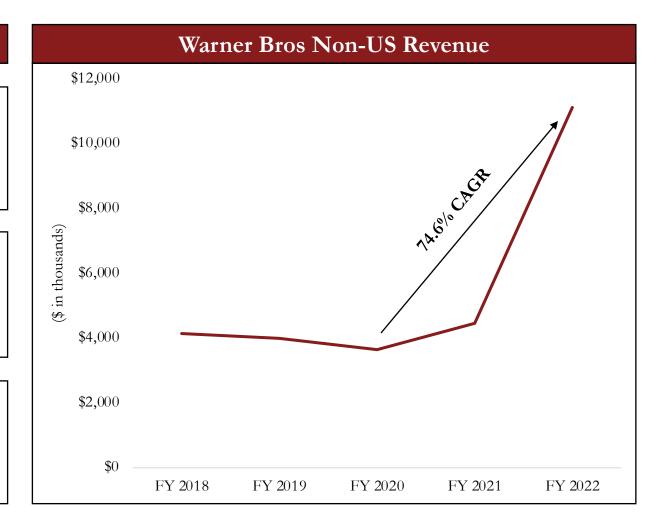
"We're thrilled to bring 5G access to 35+ destinations around the globe with more coming soon," - Jenifer Robertson, Executive Vice President and General Manager, March 2022

T Mobile

As of June 2022, T-Mobile had already established 5G networks in **11 different European countries** and is expected to continue expanding these offerings in the **215 countries** that it operates in

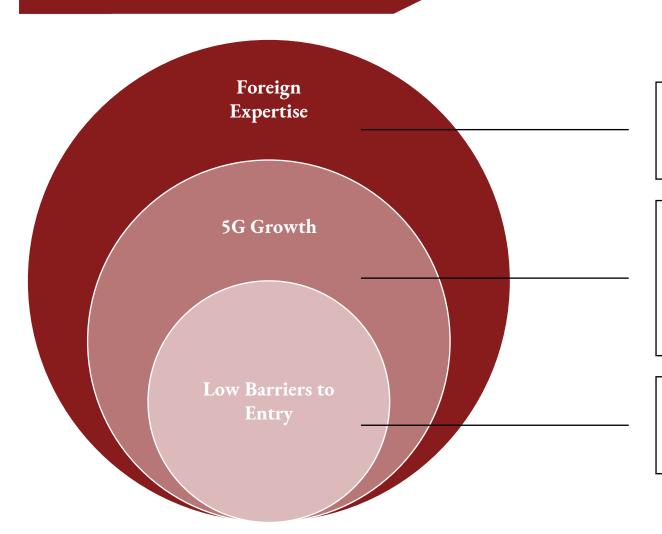


"We look forward to continued collaborative efforts with industry partners such as DISH and Samsung to enable faster 5G around the world,"- *Sunil Patil, VP, October 2023*



International Correlation





DOX has **40+ years of experience** serving hundreds of customers in **over 90 countries** -- it now has 85 offices worldwide to cater to foreign clients

According to the Global System for Mobile Communications Association, **5G connections are expected to double in the next two years,** highlighting the inherent need for a player that has prior experience in the niche vertical

DOX can leverage its pre-existing offices and development facilities to significantly **reduce CapEx** within international markets

Source(s): DOX-20F, GMSA Website

Foreign Expertise



"In fiscal 2022, for example, we succeeded in growing our activities in Albania, Bulgaria, Hungary, and Serbia and also expanded in Africa," – FY 2022 20-F

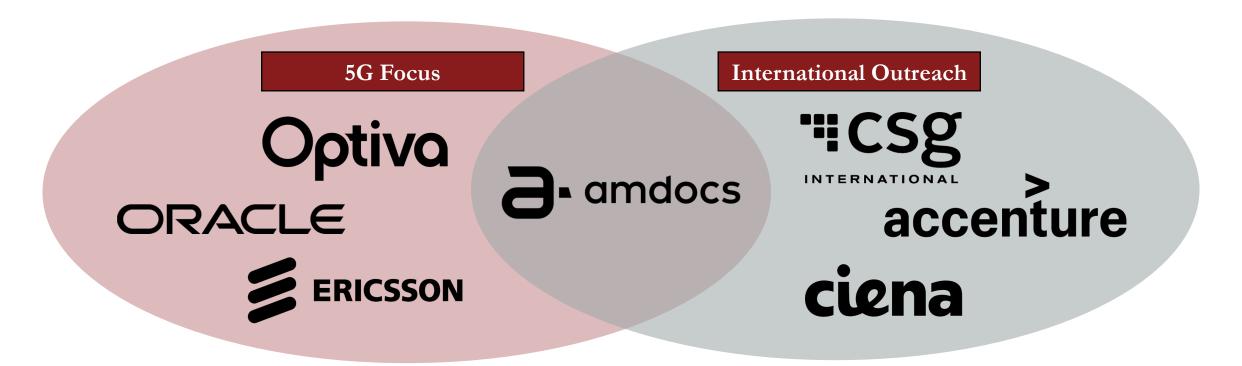


DOX is **well-versed at performing in foreign markets**, and their recent 20% YoY growth of European revenue in FY 2023 demonstrates their increased focus on international expansion...**as long as their customers are willing to do so**

Source(s): DOX 20-F

League Of Their Own



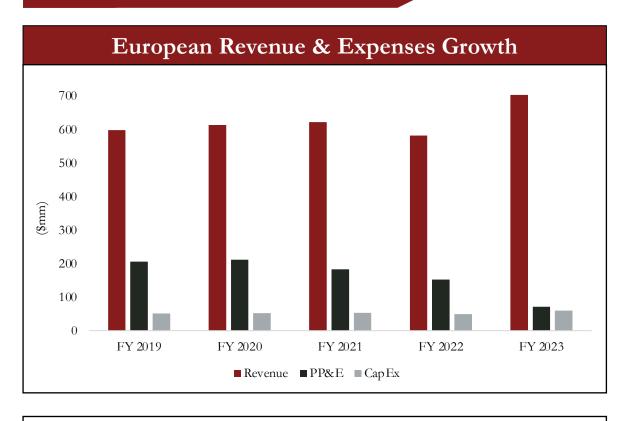


DOX, with 95.0% of its revenue coming from its telecom vertical, is actively trying to expand to international markets while the majority of its competitors either have a **greater reliance on domestic revenue** or **appeal to less specialized end-markets**

Source(s): Company Websites

International Expansion Expenses





Over the last five years, **European revenue grew 17.45%**, while capital expenditures remained relatively low at approximately 8.57% of revenue during the same time



Foreign Exchange

70-80% of FY 2022 revenue completed in USD, showing an unfavorable impact of 0.9% for FY23 revenue



Capital Expenditures

Primarily allocated towards the creation of facilities to house physical computer servers, not a significant cost



Research and Development

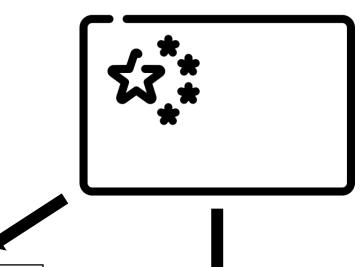
Comprised of costs of developing software for new products and applications, which is done in-house

Source(s): DOX 20-F

International Regulations

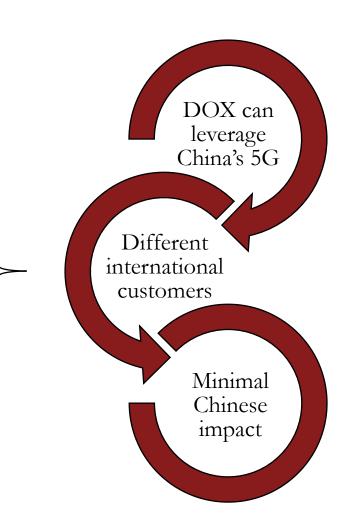


Possible Chinese Restrictions



Chinese 5G is **3-4 times faster** then that of the US and is the most advanced in the world

DOX has three offices in China alone and **11 more in surrounding countries** in the APAC region The US, UK, and Australia have **proposed bans** on Huawei and ZTE in their countries

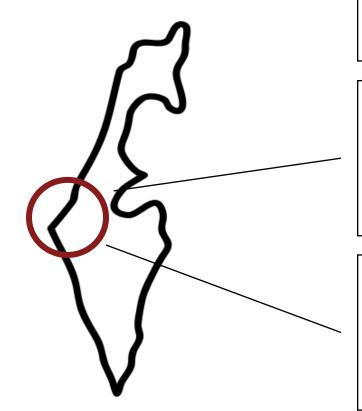


Source(s): Barclays 2Q23 Report

Geopolitical Threats



Hamas Conflict



DOX Management Response

Even though DOX is now headquartered in Missouri, it was originally founded in Israel, potentially putting them and their customers at risk

"With revenue from customers in Israel comprising less than 0.5% of total revenue, and the vast majority of our employees outside of Israel, we currently do not expect these events to materially adversely affect our business,"

– Management Statement, October 12th, 2023

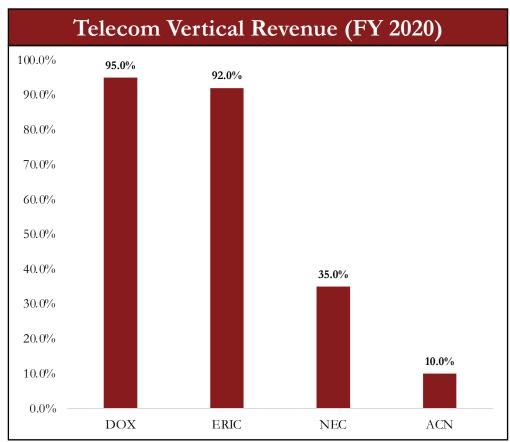
"Taking advantage of the weakness of the currency, as we've seen now in the Israeli shekel, which means we **can improve the effective rate of our hedging** for the latter part of '24 and mainly for 2025, which, of course, we are doing as we speak,"

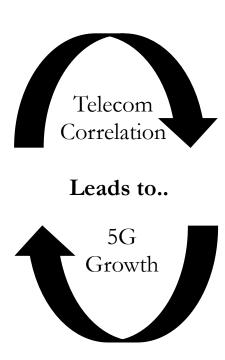
– Tamar Rapaport-Dagim in Q4 2023 Earnings Call

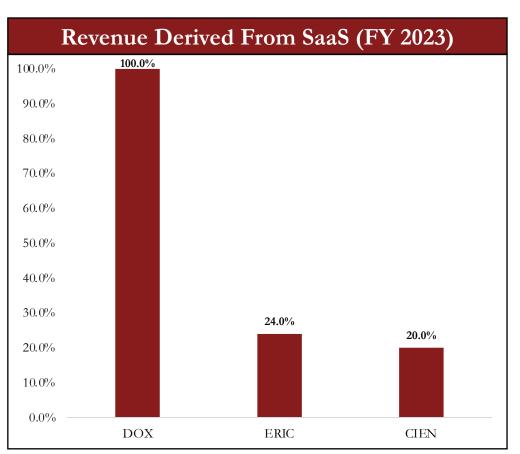


The "5G Choice"





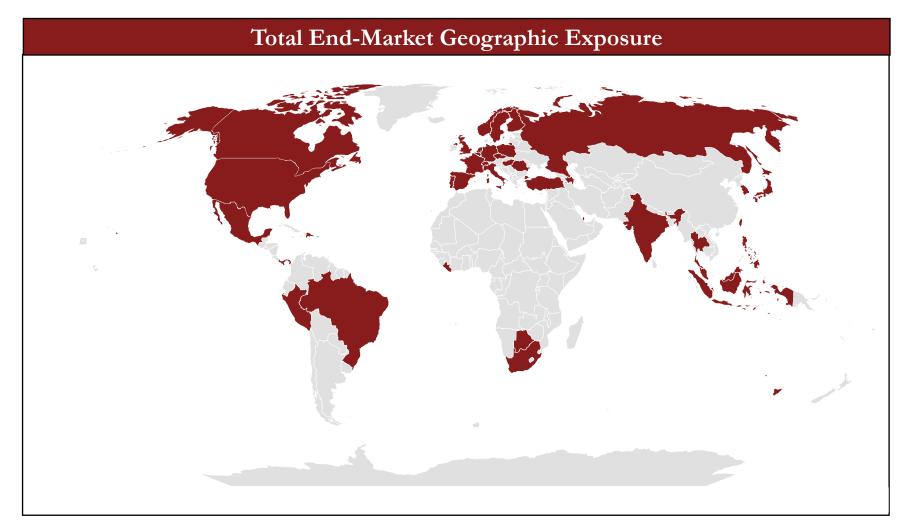


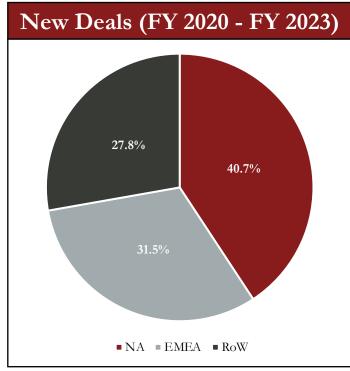


Source(s): Omdia, Company Fillings

Geographic Outreach







While overall geographic distribution is skewed to NA, the latest deals have been **evenly split**

Source(s): DOX 20-F

Competitors Can't Compete



	a mdocs	PEGA	ORACLE°	accenture	ERICSSON
5G Products					
Customizable Offerings					
Telecom- Focused					
Diversified Products					

DOX sets itself apart by utilizing its diversified product portfolio in the telecom vertical (demonstrated via the 14.0% IT telecom market share in FY 2022), while outpacing big players such as Accenture via **cross-selling and partnerships**

Source(s): Company Websites

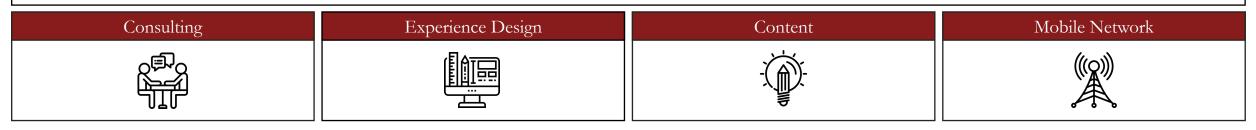
Diversified Offerings



Product Portfolio

Commerce & Care Monetization Service and Network Automation Network Deployment & Optimization Catalog Management Subscription & Content Management

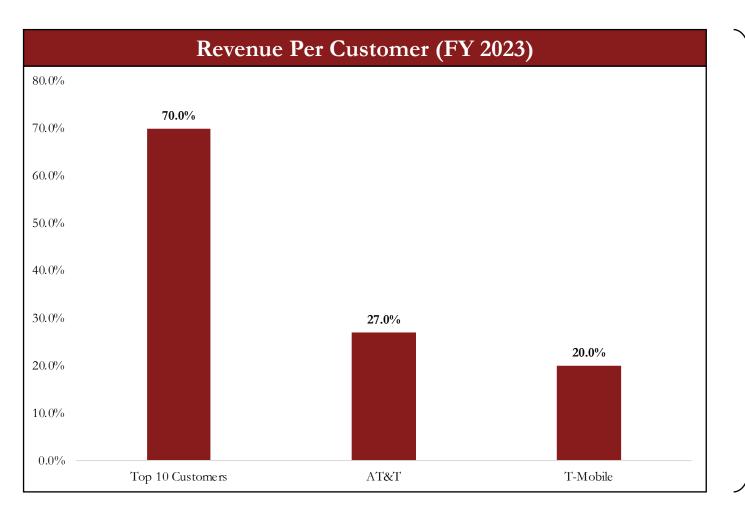
Services Portfolio



Source(s): DOX 2022 Annual Report

Government Contracts





DOX derives **the majority** of its revenue from backlog with **multi-year contracts**



DOX captures **47.0%** of revenue from reputable companies like **AT&T & T-Mobile**

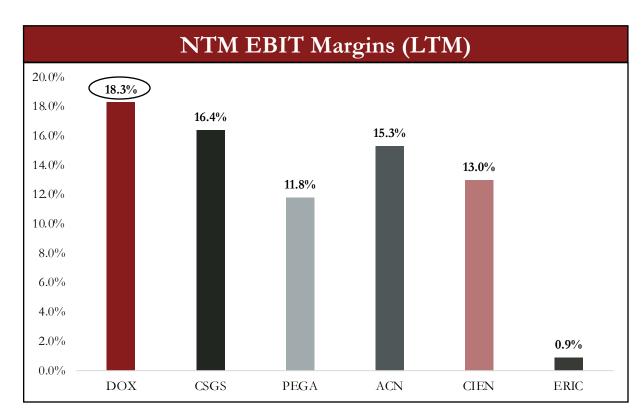


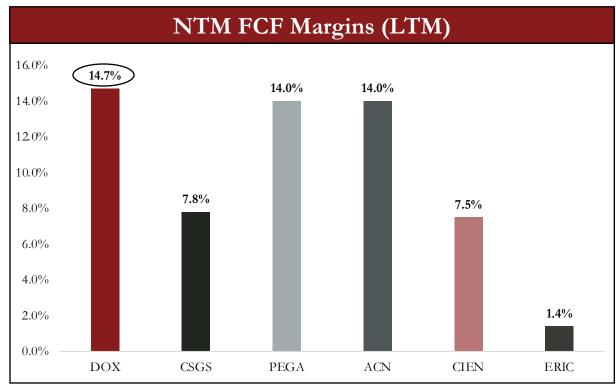
This **ensures DOX's safeguard** from the absence of government contracts

Source(s): DOX 20-F

Higher Margin Focus



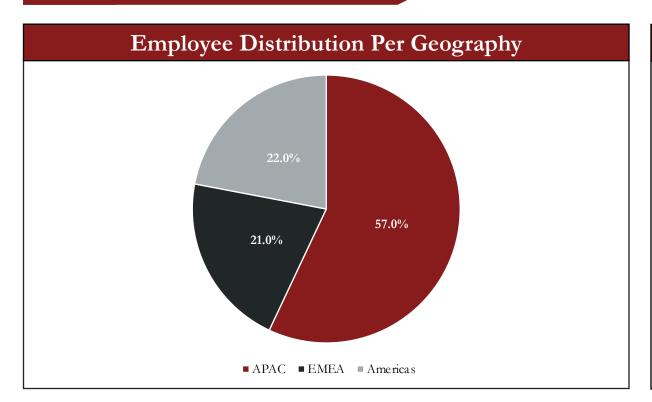


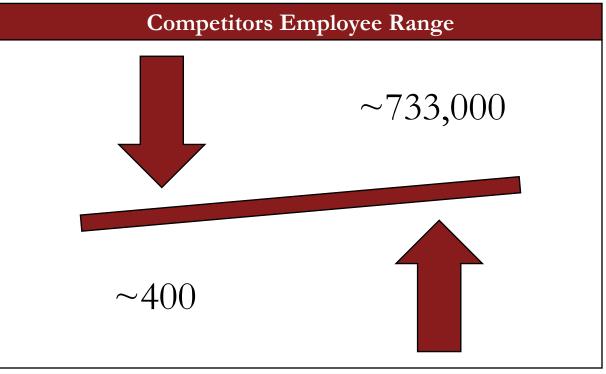


Despite DOX having a lower gross margin compared to some peers in the SaaS sector, the examination of EBIT and FCF margins indicates that **DOX operates with exceptional efficiency and financial performance**

Employee Costs



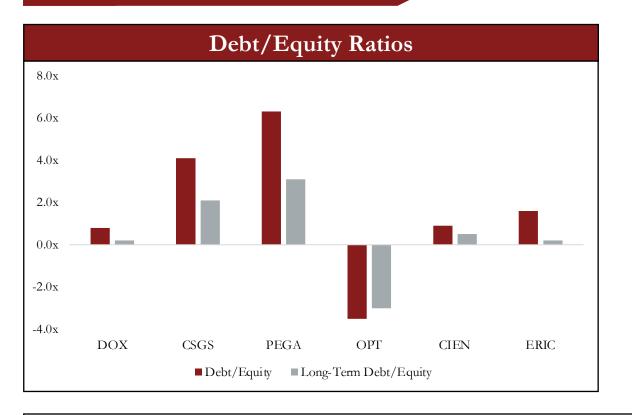


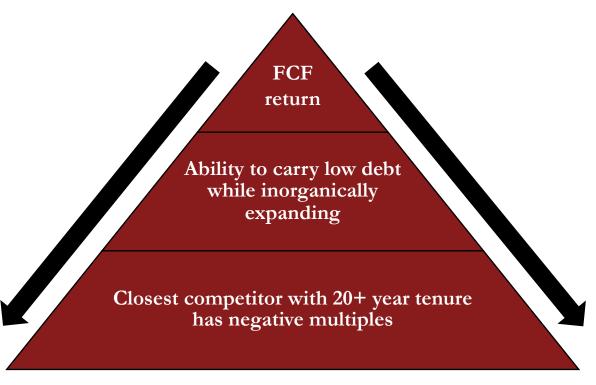


DOX currently **employs** ~ **30,000 employees**, while being neither on the high end nor the low end in comparison to competitors, though with wage inflation, DOX would not be severely affected in comparison to competitors like ACN and CTSH **which employ hundreds of thousands more.** DOX also hired during 2020, further instilling their **resilient business model**

Capital Structure







DOX has one of **the most stable balance sheets** in comparison to their peers in the BSS/OSS and network provider industries, showing how even though it might capture less revenue than some peers, **DOX can operate more efficiently** than them in terms of taking on debt, all while **returning the majority of FCF** back to investors

Management

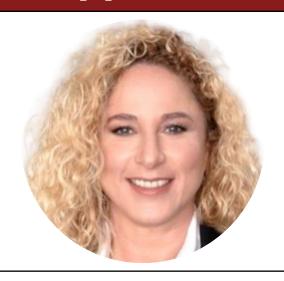


Shuky Sheffer – President & CEO

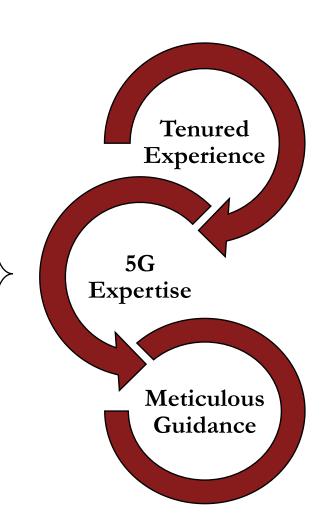


Shuky has worked in leadership roles at DOX from 1982 - 2009, while also having C-Suite positions at Retalix from 2009 - 2013

Tamar Rapoport – CFO & COO



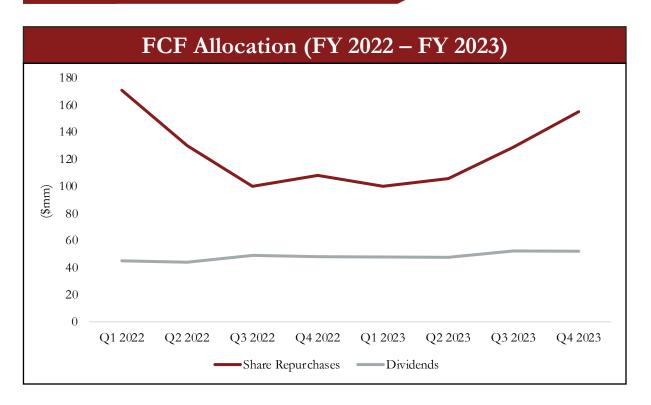
Tamar originally began working at DOX in 2004 as the Vice President of Finance, becoming the CFO in 2007, and then the COO in 2018

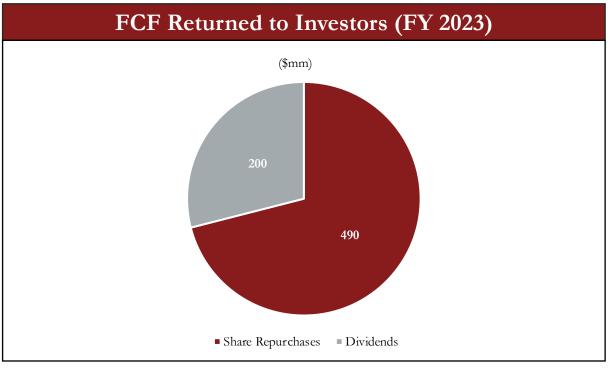


Source(s): DOX Website

Cashflow Allocation



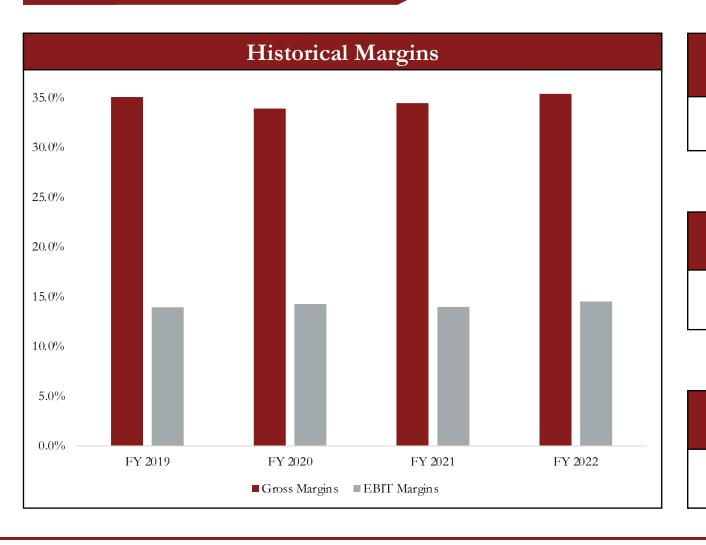




DOX has superb FCF allocation, consistently returning the **majority back to investors** over the past 2 years while continuing to grow inorganically. **In Q1 2024**, DOX closed the acquisition of ProCom and Astadia, while also **joining AWS's private network**

Cost Saving Initiatives





Reduced Cost of Revenue by ~1.5% in FY 22

Mainly attributable to automation, divestiture of OpenMarket, and changes in acquisition liabilities



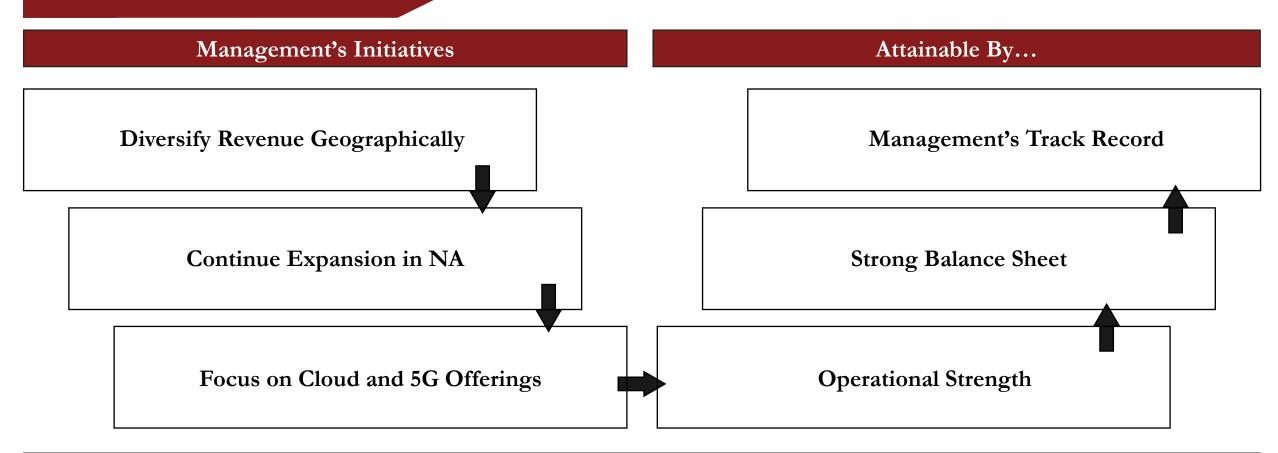
Steady gross margin of ~35.0% and EBIT margin of ~14.0%

Disciplined ROIC

12.2% ROIC, well above average and median compared to competitors

Long-Term Plans





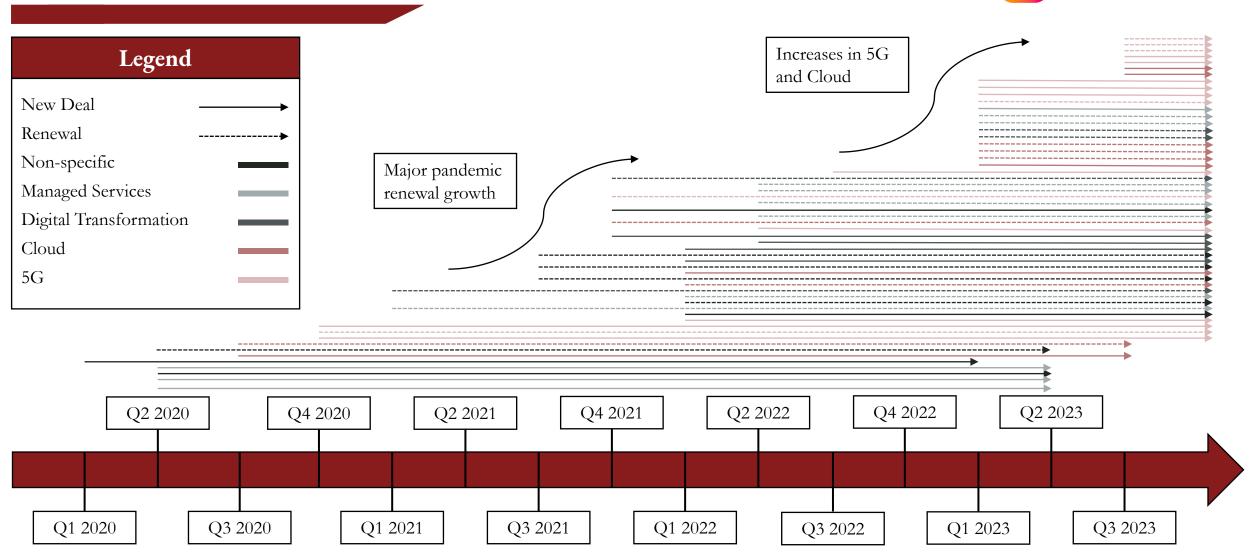
"Further highlighting the long-term diversification of our business, while we continue to expand our business in North America," – Q4 2023 Earnings Call

Source(s): 3Q23 Earnings Call



Partnerships & Deals

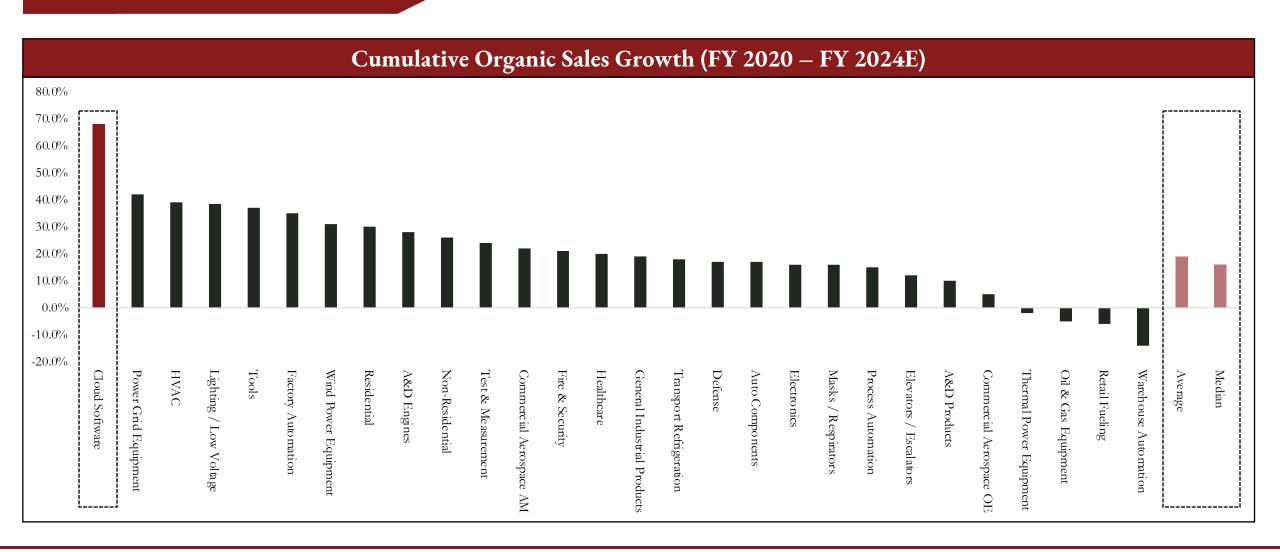




Source(s): DOX Earnings Calls, DOX 20-F's

Cloud Demand

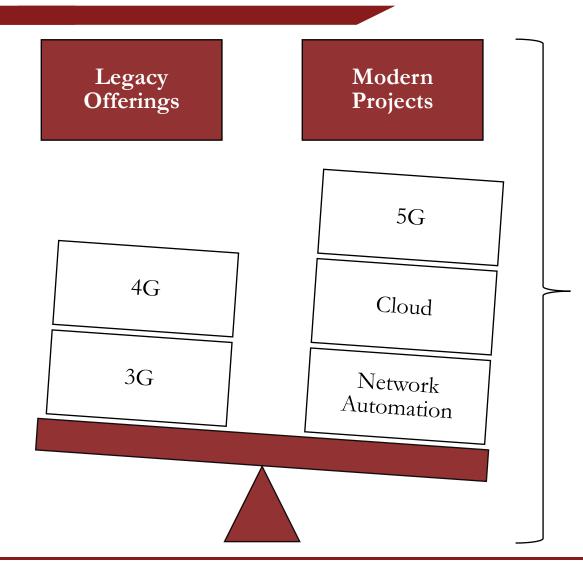




Source(s): IBIS World

Legacy Offerings



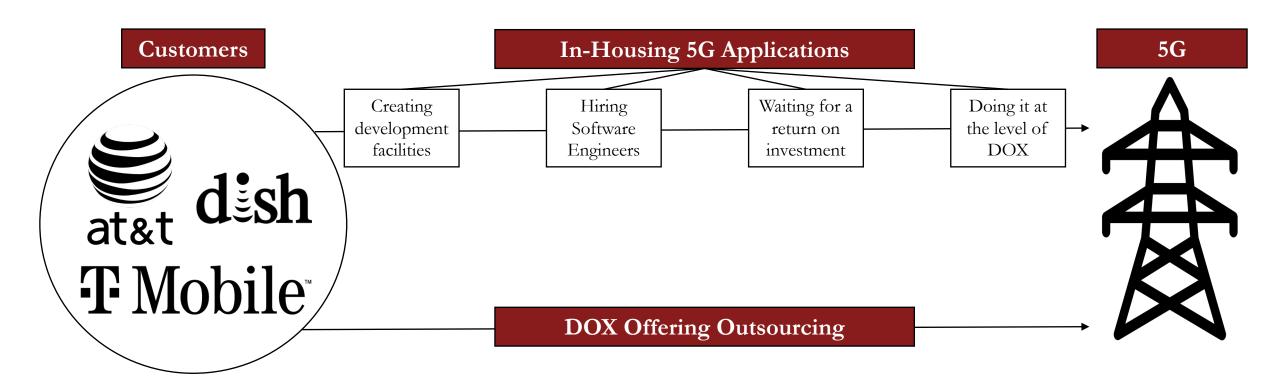


More Products	Modernization	Pricing Power
DOX is investing billions into new services that will allow customers to operate at maximum efficiency and meet all its demands	In an innovation reliant industry, it is crucial that DOX stays up to date with the newest technology to retain customers and attract new ones	The implementation of new products will make DOX's customers more reliant on their services, in turn increasing its pricing power and profitability

Source(s): 4Q23 Earnings Call

Lack of 5G In-Housing





Source(s): Company Websites

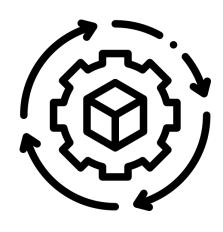
Cybersecurity



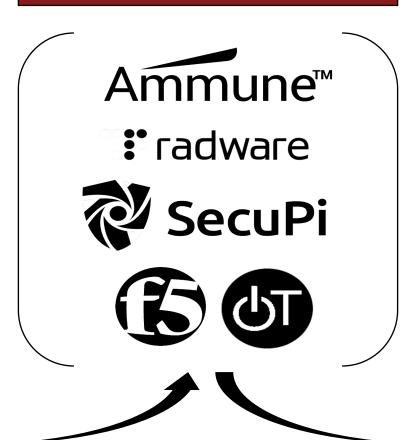
Complimentary Product Universe

Security Partnerships

Spotless Track Record



Cross-selling is **extremely intuitive** considering the large amount of cloudnative clients DOX serves





DOX stands out with **no reported** incidents of hacking or product insecurity in its history



Source(s): DOX 2022 Annual Report

"Shine Bright Like A Diamond"





Risks & Mitigants



Low International Demand

5G is the network of the future, countries will need to adopt it sooner rather then later

DOX's customers are already making moves to expand internationally

Losing Market Share to Big Competitors

Managed services renewal rate nearly 100.0%

One of the few companies to specialize in 5G as it continues to focus on M&A

Short Term Losses in Legacy Offerings Necessary evil of investing in 5G to new trends accommodate end market needs

Only player to encompass 5G and **induce partnerships** to cover expensive verticals

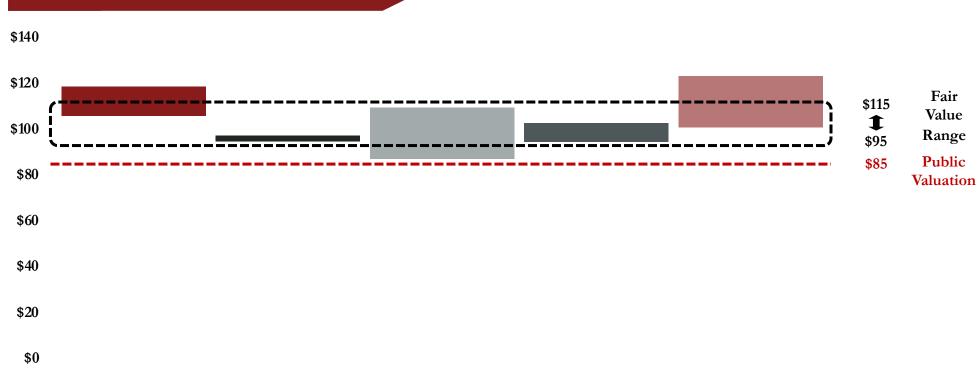
Football Field Valuation

DCF

8.0%

9.0%





DDM	EV/NTM Revenue	EV/NTM EBITDA	Price/NTM Revenue
8.0%	2.0x	12.0x	2.3x
8.5%	2.5x	13.0x	2.8x

- **DCF Valuation:** The range represents the DCF base case using a WACC of 8.0% 9.0% (Bloomberg at **8.7%**)
 - **DDM Valuation:** The range represents the DDM Cost of Equity of 8.0% 9.0% (Bloomberg at **8.3%**)
- 3 EV/NTM Revenue Multiple: The range is the average 2.0x -2.5x spread of multiples for publicly traded peers
- 4 EV/NTM EBITDA Multiple:
 The range is the average 12.0x 13.0x spread of multiples for
 publicly traded peers
- Price/NTM Revenue
 Multiple: The range is the
 average 2.3x 2.8x spread of
 multiples for publicly traded
 peers

Comparable Companies



All numbers displaced in \$mm (exc	rept per share data)										
Ticker	Name	Share Price	EV	Market Cap	SBC	SBC % of Rev	Rule of 40	P / NTM Rev	EV / NTM Rev	EV / NTM EBITDA	EV / NTM FCF
DOX	AMDOCS LTD	\$82.79	\$10,164.46	\$9,854.16	\$71.37	1.5%	17.8%	2.0x	2.0x	9.2x	13.7x
BSS & OSS & CRM											
CSGS	CSG SYSTEMS INTL INC	\$49.89	\$1,985.85	\$1,480.29	\$19.02	1.6%	4.5%	1.3x	1.8x	8.2x	22.8x
PEGA	PEGASYSTEMS INC	\$52.46	\$3,872.58	\$4,383.34	\$120.33	8.9%	15.5%	3.2x	2.8x	20.1x	20.1x
CRM	SALESFORCE INC	\$230.35	\$231,637.23	\$224,130.55	\$2,707.38	8.0%	25.2%	6.4x	6.7x	18.2x	29.3x
ORCL	ORACLE CORP	\$116.21	\$407,077.21	\$318,342.89	\$2,576.79	5.1%	25.9%	5.9x	7.6x	15.3x	37.1x
System Integration & Provid	lers of IT Services										
ACN	ACCENTURE PLC-CL A	\$333.34	\$198,383.96	\$221,833.31	\$1,327.28	2.1%	17.7%	3.3x	3.0x	15.9x	21.3x
CTSH	COGNIZANT TECH SOLUTIONS-A	\$70.12	\$33,014.74	\$35,159.05	\$169.00	0.9%	10.5%	1.8x	1.7x	10.0x	15.6x
DXC	DXC TECHNOLOGY CO	\$23.33	\$8,324.85	\$4,517.70	\$85.32	0.6%	3.0%	0.3x	0.6x	4.1x	10.7x
TCS	TATA CONSULTANCY SVCS LTD	\$45.72	\$160,750.89	\$167,284.75	\$0.00	0.0%	18.8%	5.8x	5.5x	20.9x	30.2x
WPRO	WIPRO LTD	\$5.69	\$27,140.83	\$29,722.66	\$32.16	0.3%	12.8%	2.7x	2.5x	13.4x	17.5x
Network Providers											
CIEN	CIENA CORP	\$45.31	\$6,525.88	\$6,698.74	\$83.05	2.0%	10.6%	1.5x	1.5x	9.9x	20.0x
ERIC	ERICSSON (LM) TEL-SP ADR	\$5.01	\$182,853.90	\$16,821.33	\$0.00	0.0%	-1.9%	0.1x	0.7x	7.5x	47.3x
Average		\$98.38	\$106,144.89	\$93,707.05	\$600.71	2.6%	14.6%	3.1x	3.0x	12.4x	19.7x
Median		\$52.59	\$30,077.79	\$24,529.13	\$92.59	1.5%	15.2%	2.4x	2.2x	11.6x	19.5x

DDM Valuation



All numbers displayed in \$mm (except for per share data)

Assumptions	
Current Dividends Per Share	\$1.70
Cost of Equity	8.4%

Cost of Equity					
Risk Free Rate	4.2%				
Equity Risk Premium	5.9%				
Beta	0.7				
Cost of Equity	8.4%				

	Dividend Growth Rate(s)	
Stage 1		12.0%
Stage 2		6.5%

Intrinsic Value				
Stage 1 Dividends NPV	\$11.08			
Stage 2 Dividends TV	\$111.56			
Stage 2 Dividends PV	\$74.50			
Equity Value Per Share	\$85.58			

Upside (Downside)	
Current Share Price	\$92.67
Intrinsic Value	\$85.58
Upside (Downside) %	-7.6%

Stage 1 Dividends	Entry	2024	2025	2026	2027	2028
Dividends Per Share	\$1.70	\$1.90	\$2.13	\$2.39	\$2.67	\$3.00
Cost of Equity	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
Present Value of Dividends	\$1.70	\$1.76	\$1.81	\$1.87	\$1.94	\$2.00

Stage 2 Growth Rate

		6.4%	6.5%	6.5%	6.6%	6.6%
ity	8.2%	\$90.32	\$92.59	\$94.98	\$97.53	\$100.22
3du	8.2%	\$92.94	\$95.35	\$97.90	\$100.61	\$103.49
of E	8.1%	\$95.71	\$98.27	\$100.99	\$103.89	\$106.97
ost	8.1%	\$98.65	\$101.38	\$104.29	\$107.38	\$110.69
ŭ	8.0%	\$101.77	\$104.69	\$107.80	\$111.12	\$114.67

Stage 2 Growth Rate

		6.4%	6.5%	6.5%	6.6%	6.6%
ity	8.2%	-2.2%	0.3%	2.9%	5.6%	8.6%
nbį	8.2%	0.7%	3.3%	6.0%	9.0%	12.1%
of E	8.1%	3.7%	6.4%	9.4%	12.5%	15.9%
ost (8.1%	6.8%	9.8%	13.0%	16.3%	19.9%
ŏ	8.0%	10.2%	13.4%	16.8%	20.3%	24.2%

DCF Valuation



All numbers displayed in \$mm (except for per share data)

Assumptions					
Tax Rate	15.3%				
Discount Rate	8.2%				
Perpetual Growth Rate	2.5%				
EV/EBITDA Multiple	10.50x				
Transaction Date	1/29/2024				
Fiscal Year End	9/30/2024				
Current Price	\$92.51				
Diluted Shares Outstanding	119.22				
Debt & Other LT Liabilities	\$807.31				
Cash & Investments	\$520.08				
Preferred Equity	\$0.00				

Intrinsic Value	
Enterprise Value	\$13,154.38
Plus: Cash	\$520.08
Less: Debt	\$807.31
Less: Preferred Equity	\$0.00
Equity Value	\$12,867.15
Equity Value Per Share	\$107.93

Upside (Downside)
Current Share Price	\$92.51
Intrinsic Value	\$107.93
Upside (Downside) %	16.7%

Discounted Cash Flow	Entry	2024	2025	2026	2027	2028	Exit
Date	1/29/2024	9/30/2024	9/30/2025	9/30/2026	9/30/2027	9/30/2028	9/30/2028
Year Fraction		0.67	1.00	1.00	1.00	1.00	
EBIT		\$886.11	\$1,067.60	\$1,123.39	\$1,199.71	\$1,277.86	
Less: Cash Taxes		\$135.57	\$163.34	\$171.88	\$183.56	\$195.51	
Plus: D&A		\$213.90	\$230.11	\$248.25	\$252.99	\$257.82	
EBITDA		\$964.43	\$1,134.37	\$1,199.76	\$1,269.14	\$1,340.17	
Less: CapEx		(\$588.22)	(\$632.81)	(\$682.68)	(\$695.72)	(\$709.01)	
Plus: NWC Investment		\$137.73	\$144.86	\$157.63	\$167.78	\$180.39	
Adjusted Free Cash Flow		\$513.94	\$646.41	\$674.71	\$741.20	\$811.55	\$14,336.85
Transaction Cash Flow		\$344.06	\$646.41	\$674.71	\$741.20	\$811.55	\$14,336.85

EV/EBITDA Multiple

		9.5x	10.0x	10.5x	11.0x	11.5x
	8.4%	\$101.39	\$103.43	\$105.46	\$107.49	\$109.53
\circ	8.2%	\$104.16	\$106.21	\$108.26	\$110.32	\$112.37
AC	7.9%	\$107.15	\$109.22	\$111.29	\$113.36	\$115.43
\geqslant	7.7%	\$110.39	\$112.48	\$114.57	\$116.66	\$118.76
	7.4%	\$113.93	\$116.04	\$118.15	\$120.26	\$122.37

EV/EBITDA Multiple

		9.5x	10.0x	10.5x	11.0x	11.5x
	8.4%	9.6%	11.8%	14.0%	16.2%	18.4%
Ö	8.2%	12.6%	14.8%	17.0%	19.2%	21.5%
WACC	7.9%	15.8%	18.1%	20.3%	22.5%	24.8%
≽	7.7%	19.3%	21.6%	23.8%	26.1%	28.4%
	7.4%	23.2%	25.4%	27.7%	30.0%	32.3%

MAIF vs. Consensus



MAIF vs. Consensus (\$mm)	FY 2024E	FY 2025E	FY 2026E	
MAIF Revenue	\$5,347.46	\$5,752.85	\$6,206.20	
Consensus Revenue	\$5,050.10	\$5,379.10	\$5,762.30	
Difference %	5.9%	6.9%	7.7%	

MAIF vs. Consensus (\$mm)	FY 2024E	FY 2025E	FY 2026E
MAIF Gross Profit Margin	36.1%	37.4%	37.6%
Consensus Gross Profit Margin	36.1%	36.2%	36.2%
Difference %	0.0%	3.2%	3.9%
MAIF Operating Margin	16.6%	18.6%	18.1%
Consensus Operating Margin	18.1%	18.2%	18.4%
Difference %	-8.4%	2.0%	-1.6%
MAIF Net Income Margin	14.4%	16.8%	16.9%
Consensus Net Income	15.1%	15.1%	15.3%
Difference %	4.7%	11.5%	10.5%
MAIF Free Cash Flow	8.9%	11.4%	11.5%
Consensus Free Cash Flow	14.9%	15.2%	14.6%
Difference %	40.1%	-25.3%	-21.2%

MAIF Revenue Commentary (Total Backlog / Backlog Conversion)

In the base case, DOX will be **roughly in line with the top range of their guidance** with less material international expansion but **consistent growth in their largest geographic segment**, which will allow them to win over new customers, but not as many as would be realized with a more successful international expansion

MAIF Operating Expenses Commentary (As a % of Revenue)

- Cost of Revenue: In the base case, DOX will have a relatively successful expansion, slightly offset by reduced investments in legacy systems in North America but will cause a decrease in cost or revenue along with new revenue streams.
- Research & Development: In the base case, DOX will decrease their R&D due to existing developments taking the market, with little need to increase due to strong end-market demand in the US and overseas
- Selling, General, and Administrative: DOX becomes more efficient in its operations by lowering headcount and wage expenses concerning revenue
- Amortization of Purchased Intangible Assets: In the base case, DOX gradually decreases its amortization expense due to an increase in efficiency of synergizing tangible goodwill

MAIF Purchase of Property and Equipment Commentary (CapEx)

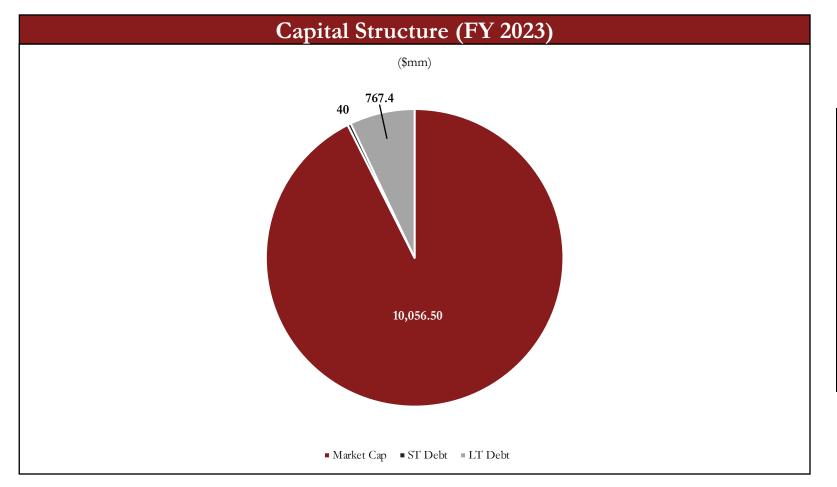
To take into account the large expansion into international markets, geographies, and industries, coupled with the integration of new technology verticals such as 5G and cloud-native partnerships, we estimated ~5 times (11% revenue) the amount of CapEx given the acquisitive nature of the firm but the simple inability to project out future RFPs and alliances

Source(s): DOX Model.vF (Deck Visuals) 42

Appendix

MAIF WACC

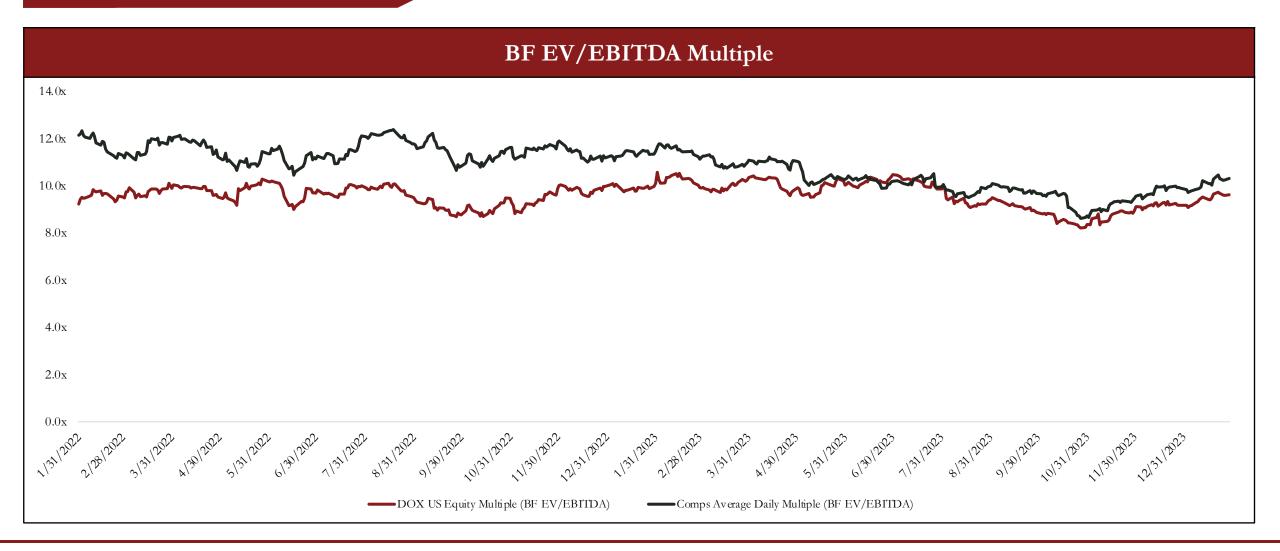




WACC Calculations	
Cost of Equity	8.41%
Risk Free Rate	4.2%
Equity Risk Premium	5.9%
Beta	0.70
Cost of Debt	6.3%
Weight of Equity	93.2%
Weight of Debt	6.8%
1- Tax Rate	84.7%
WACC	8.2%

Long-Term Multiple





Bull MAIF vs. Consensus



MAIF vs. Consensus (\$mm)	FY 2024E	FY 2025E	FY 2026E	
MAIF Revenue	\$5,509.62	\$6,123.95	\$6,615.9	
Consensus Revenue	\$5,050.10	\$5,379.10	\$5,762.30	
Difference %	9.1%	13.8%	14.8%	

MAIF vs. Consensus (\$mm)	FY 2024E	FY 2025E	FY 2026E
MAIF Gross Profit Margin	36.8%	38.8%	38.9%
Consensus Gross Profit Margin	36.1%	36.2%	36.2%
Difference %	1.8%	7.1%	7.5%
MAIF Operating Margin	17.3%	20.1%	19.6%
Consensus Operating Margin	18.1%	18.2%	18.4%
Difference %	4.3%	10.6%	6.5%
MAIF Net Income Margin	15.2%	18.6%	18.6%
Consensus Net Income	15.1%	15.1%	15.3%
Difference %	0.8%	23.1%	21.8%
MAIF Free Cash Flow	10.5%	13.8%	13.2%
Consensus Free Cash Flow	14.9%	15.2%	14.6%
Difference %	-29.8%	-9.0%	-9.4%

MAIF Revenue Commentary (Total Backlog / Backlog Conversion)

In the bull case, we are assuming that DOX's international expansion matched with their excellent cross-selling opportunities will guide them to dominate even more market share and cause less of their TAM to go to generalists like ORCL, CTSH, and CAN -- there will also be a continued dominance over low code applications programs like PEGA's, driving more demand for traditional more customizable software

MAIF Operating Expenses Commentary (As a % of Revenue)

- Cost of Revenue: In the bull case, DOX will successfully reduce the cost of revenue with 5G investments not slowing in 2024, along with a successful expansion combined with increased cross-selling from existing customers
- Research & Development: In the bull case, DOX will leverage existing products at a very effective rate in the US and overseas with no need to increase due to new revenue streams coming in
- Selling, General, and Administrative: DOX will be unable to automate as much as anticipated, requiring increased spending on labor and their respective wages
- Amortization of Purchased Intangible Assets: In the bull case, if DOX increases spending on tangible goodwill this will further offset amortization expenses over time

MAIF Purchase of Property and Equipment Commentary (CapEx)

To take into account the large expansion into international markets, geographies, and industries, coupled with the integration of new technology verticals such as 5G and cloud-native partnerships, we estimated ~5 times (11% revenue) the amount of CapEx given the acquisitive nature of the firm but the simple inability to project out future RFPs and alliances

Bear MAIF vs. Consensus



MAIF vs. Consensus (\$mm)	FY 2024E	FY 2025E	FY 2026E	
MAIF Revenue	\$5,155.78	\$5,351.81	\$5,250.83	
Consensus Revenue	\$5,050.10	\$5,379.10	\$5,762.30	
Difference %	2.1%	-0.5%	-8.9%	

MAIF vs. Consensus (\$mm)	FY 2024E	FY 2025E	FY 2026E
MAIF Gross Profit Margin	34.9%	34.9%	35.4%
Consensus Gross Profit Margin	36.1%	36.2%	36.2%
Difference %	-3.2%	-3.5%	-2.3%
MAIF Operating Margin	14.8%	14.8%	14.5%
Consensus Operating Margin	18.1%	18.2%	18.4%
Difference %	-18.3%	-18.8%	-21.1%
MAIF Net Income Margin	12.5%	12.8%	12.8%
Consensus Net Income	15.1%	15.1%	15.3%
Difference %	-17.0%	-15.0%	-16.4%
MAIF Free Cash Flow	6.2%	6.5%	5.0%
Consensus Free Cash Flow	14.9%	15.2%	14.6%
Difference %	-58.1%	-57.0%	-66.0%

MAIF Revenue Commentary (Total Backlog / Backlog Conversion)

In the bear case, DOX will grow at the bottom range of their guidance, which will be attributable to telecoms decreasing their investments in legacy systems driving less demand -- given this lower range, DOX will expand to more markets but with a lower success rate

MAIF Operating Expenses Commentary (As a % of Revenue)

- Cost of Revenue: In the bear case, DOX's expansion internationally will not be as effective as it could be and will cause them to incur expenses related to software suppliers
- Research & Development: In the bear case, DOX will increase R&D due to decreased investments in legacy systems and will cause them to implement new products
- Selling, General, and Administrative: DOX becomes more efficient in its operations by lowering headcount and wage expenses concerning revenue
- Amortization of Purchased Intangible Assets: The bear case would occur if DOX decreases the number of acquisitions of tangible goodwill, which would not offset their amortization costs

MAIF Purchase of Property and Equipment Commentary (CapEx)

To take into account the large expansion into international markets, geographies, and industries, coupled with the integration of new technology verticals such as 5G and cloud-native partnerships, we estimated ~5 times (11% revenue) the amount of CapEx given the acquisitive nature of the firm but the simple inability to project out future RFPs and alliances

Debt Information



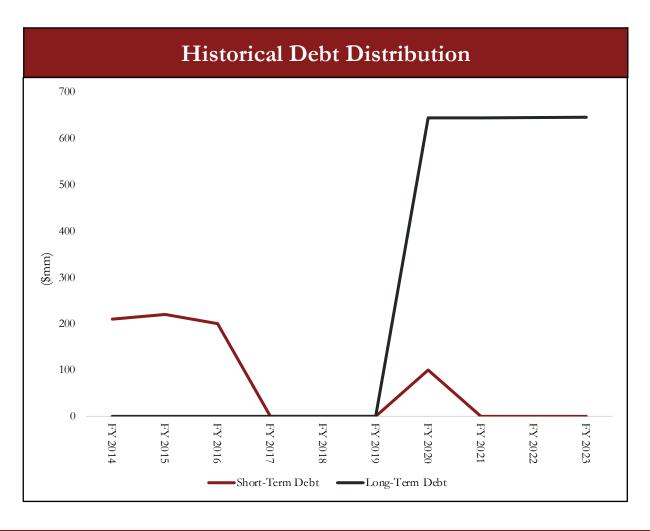
All numbers displayed in \$mm (expect for bps)

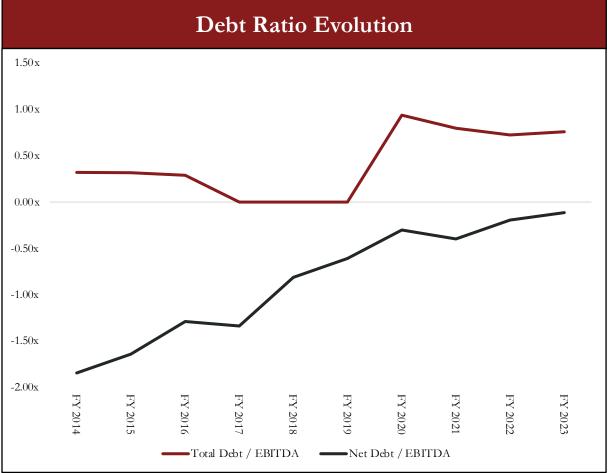
Type	Amount	Limit	CSA	Floating Coupon	Floating Reference	Fixed Coupon	Issuance Date	Maturity Date
Revolver A	0.00	240.00	10.0 bps	137.5 bps	TSFR1M	0.0%	12/20/2011	3/19/2026
Revolver B	0.00	260.00	10.0 bps	137.5 bps	TSFR1M	0.0%	12/20/2011	3/19/2026
Revolver C	0.00	0.00	10.0 bps	137.5 bps	TSFR1M	0.0%	12/20/2011	3/19/2026
Senior Unsecured Loan	650.00	0.00	0.0 bps	0.0 bps	N/A	2.5%	6/15/2020	6/15/2030
Total	650.00							

Source(s): DOX Model.vF (Debt Schedule)

Credit & Liquidity

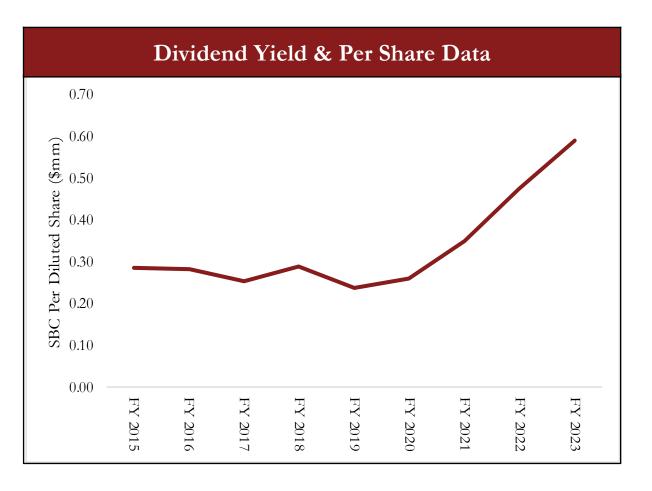


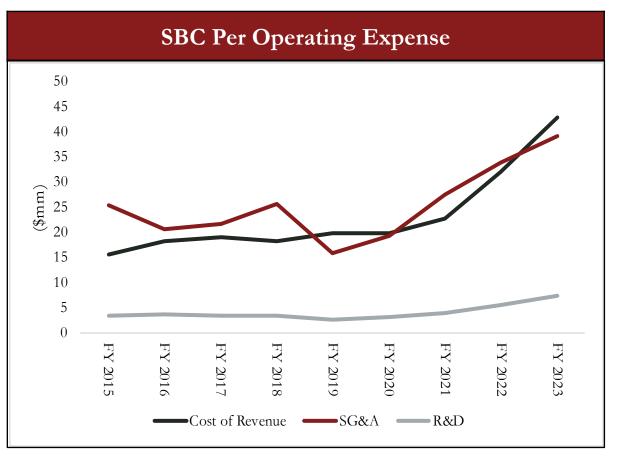




Share-Based Compensation

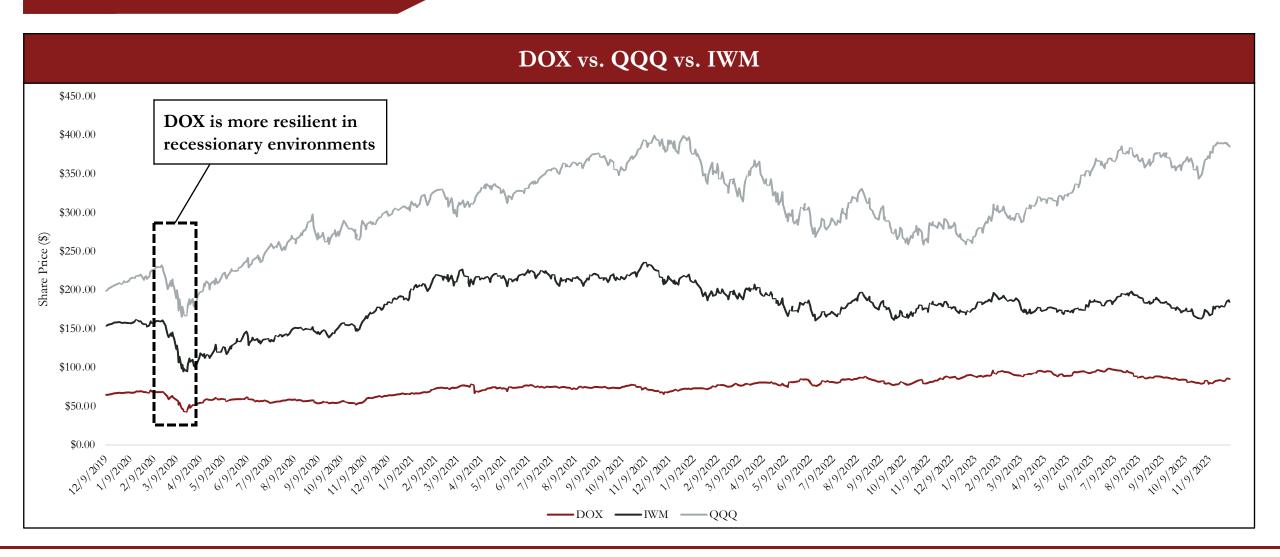






Benchmarks

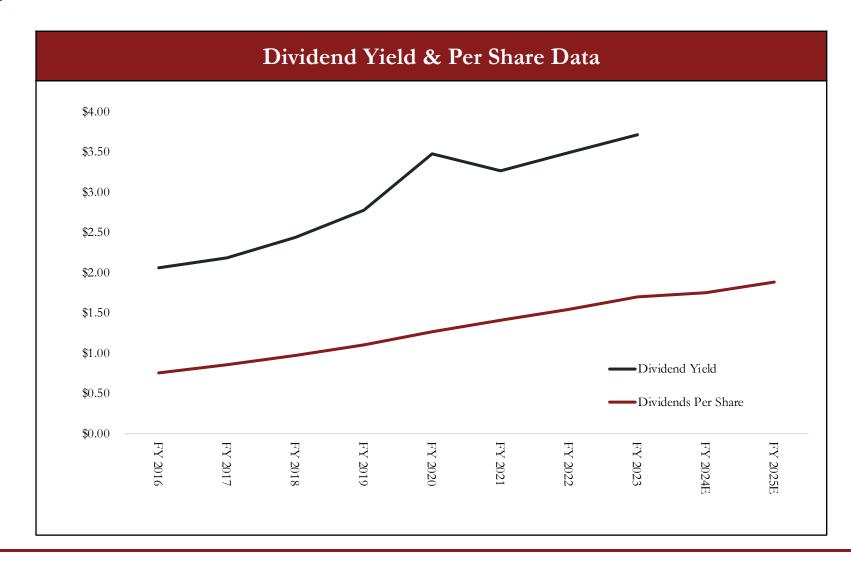




Dividends



Date		Yield
12/29/2023	1.74	1.9797
9/29/2023	1.7	2.0121
6/30/2023	1.66	1.6793
3/31/2023	1.62	1.687
12/30/2022	1.58	1.7382
9/30/2022	1.545	1.9446
6/30/2022	1.51	1.8125
3/31/2022	1.475	1.7942
12/31/2021	1.44	1.9241
9/30/2021	1.4075	1.8591
6/30/2021	1.375	1.7774
3/31/2021	1.3425	1.9138
12/31/2020	1.31	1.8469
9/30/2020	1.2675	2.2078
6/30/2020	1.225	2.0122
3/31/2020	1.1825	2.1512
12/31/2019	1.14	1.5792
9/30/2019	1.105	1.6715
6/28/2019	1.07	1.7233
3/29/2019	1.035	1.9128
12/31/2018	1	1.7071
9/28/2018	0.97	1.4701
6/29/2018	0.94	1.4202
3/30/2018	0.91	1.3639
12/29/2017	0.88	1.3439
9/29/2017	0.855	1.3293
6/30/2017	0.83	1.2876
3/31/2017	0.805	1.3199
12/30/2016	0.78	1.3391
9/30/2016	0.755	1.3051
6/30/2016	0.73	1.2647
3/31/2016	0.705	1.1668
12/31/2015	0.68	1.2461
9/30/2015	0.665	1.1691
6/30/2015	0.65	1.1907
3/31/2015	0.635	1.1673
12/31/2014	0.62	1.3289
9/30/2014	0.595	1.2969
6/30/2014	0.57	1.2303
3/31/2014	0.545	1.1731



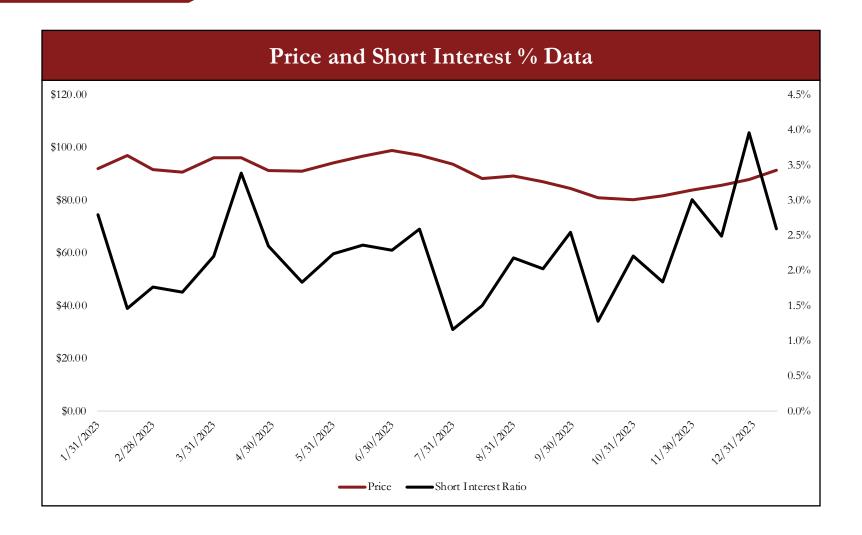
Shareholders



Holder Name	Portfolio Name	Position	% Out % Portfolio Institution Type		Country
FMR LLC		15,331,306	13.11	0.00 Investment Advisor	United States
Janus Henderson Group PLC	JANUS HENDERSON GROUP PLC	6,736,311	5.76	0.37 Investment Advisor	United Kingdom
Pzena Investment Management LLC	PZENA INVESTMENT MANAGEMENT LLC	4,043,887	3.46	1.46 Investment Advisor	United States
Beutel Goodman & Co Ltd	BEUTEL, GOODMAN & COMPANY LTD	4,040,134	3.46	2.01 Investment Advisor	Canada
BlackRock Inc	<u></u>	3,803,495	3.25	0.00 Investment Advisor	United States
Nordea Bank Abp		3,431,648	2.94	0.00 Investment Advisor	Sweden
LSV Asset Management	LSV ASSET MANAGEMENT	3,099,482	2.65	0.61 Investment Advisor	United States
Schroders PLC		2,923,322	2.50	0.00 Investment Advisor	United Kingdom
Invesco Ltd		2,629,346	2.25	0.00 Investment Advisor	United States
Allspring Global Investments Holdi	ALLSPRING GLOBAL INVESTMENTS HOLDINGS LLC	2,522,127	2.16	0.37 Investment Advisor	United States
Parnassus Investments	PARNASSUS INVEST	2,384,250	2.04	0.49 Investment Advisor	United States
Massachusetts Financial Services C	MASSACHUSETTS FINANCIAL SERVICES	2,341,757	2.00	0.07 Investment Advisor	United States
American Century Cos Inc	AMERICAN CENTURY COMPANIES INC	1,980,219	1.69	0.13 Investment Advisor	United States
Dimensional Fund Advisors LP	DIMENSIONAL FUND ADVISORS LP	1,912,921	1.64	0.05 Investment Advisor	United States
Clal Insuranœ Enterprises Holding	CLAL INSURANCE ENTERPRISE HOLDINGS LTD	1,883,478	1.61	2.21 Insuranæ Company	Israel
AllianœBernstein LP	ALLIANCEBERNSTEIN LP	1,662,504	1.42	0.06 Brokerage	United States
Morgan Stanley		1,653,299	1.41	0.00 Brokerage	United States
State Street Corp		1,602,990	1.37	0.00 Investment Advisor	United States
Vanguard Group Inc/The		1,437,085	1.23	0.00 Investment Advisor	United States
Wellington Management Group LLP	WELLINGTON MANAGEMENT GROUP LLP	1,289,317	1.10	0.02 Investment Advisor	United States
FIL Ltd		1,255,852	1.07	0.00 Investment Advisor	Bermuda
Norges Bank	NORGES BANK	1,242,353	1.06	0.03 Bank	Norway
SEI Investments Co		1,212,318	1.04	0.00 Investment Advisor	United States
Bank of America Corp	BANK OF AMERICA CORP	1,203,035	1.03	0.01 Bank	United States
Principal Financial Group Inc	PRINCIPAL FINANCIAL GROUP INC	1,173,713	1.00	0.07 Investment Advisor	United States
Geode Capital Management LLC	GEODE CAPITAL MANAGEMENT LLC	1,151,250	0.98	0.01 Investment Advisor	United States
Brandes Investment Partners LP	BRANDES INVESTMENT PARTNERS LP	1,148,342	0.98	1.89 Investment Advisor	United States
Acadian Asset Management LLC	ACADIAN ASSET MANAGEMENT LLC	1,147,499	0.98	0.40 Investment Advisor	United States
Arrowstreet Capital LP	ARROWSTREET CAPITAL LIMITED PARTNERSHIP	1,128,640	0.97	0.12 Hedge Fund Manager	United States
Grace Partners of DuPage LP		1,004,035	0.86	0.00 Investment Advisor	United States

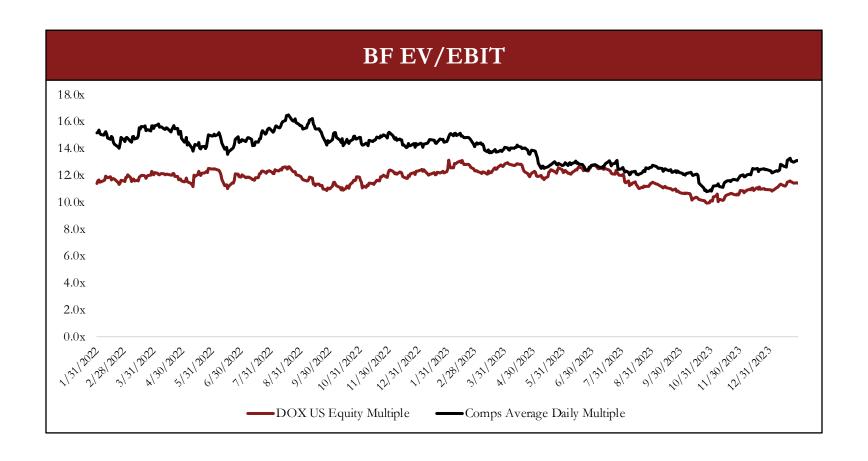
Short Interest Ratio





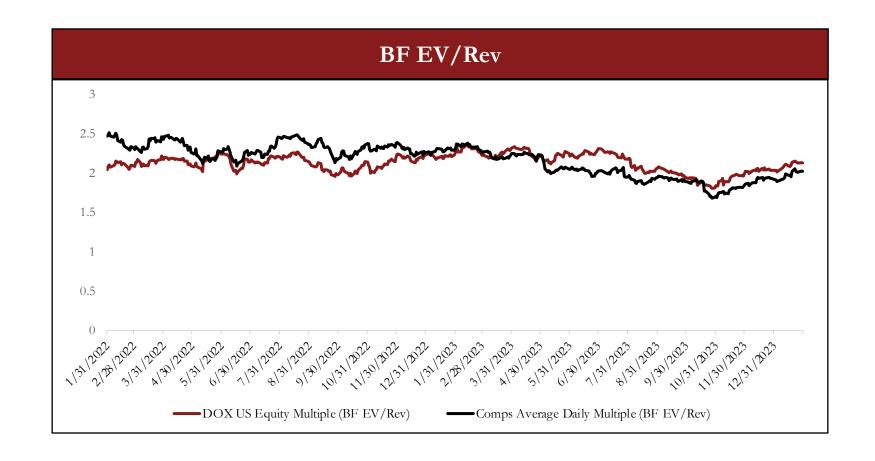
EV/EBIT Multiple





EV/Revenue Multiple





Suppliers









Joined AWS Private Wireless to enable CSP's to access new innovations Microsoft-Oracle partnership to integrate DOX applications on Azure

Enabling CSPs to deploy DOX solutions on Google Cloud's Anthos

Source(s): Company Fillings