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Table of Abbreviations



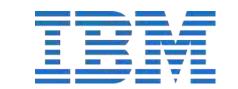
Abbreviation	Explanation
Al	Artificial Intelligence
AMER	America
APAC	Asia-Pacific
AWS	Amazon Web Services
Bn	Billion
CAGR	Compound Annual Growth Rate
CapEx	Capital Expenditure
CARG	Compound Annual Growth Rate
CEO	Chief Executive Officier
CFO	Cash flow from Operations
CRAC	Computer Room Air Conditioners
D&A	Depreciation and Amortization
DCF	Discounted Cash Flow
EBIT	Earnings Before Interest and Tax
EBITDA	Earnings Before Interest, Tax, Depreciation, and Amortization
ECX Fabric	Equinix Cloud Exchange Fabric
EMEA	Europe, Middle East, and Africa
EPS	Earnings Per Share
EU	European Union
EV	Enterprise Value
FCF	Free Cash Flow
FY	Fiscal Year
GDP	Gross Domestic Product
HHI	Herfindahl-Hirschman index

Abbreviation	Explanation
HR	Human Resources
laaS	Infrastructure as a Service
IBM	International Business Machines Corporation
IoT	Internet of Things
M&A	Mergers and Acquisitions
MM	Million
NPV	Net Present Value
OCP	OpenShift Container Platform
PaaS	Platform as a Service
PE	Price to Earnings
PP&E	Property, Plant, and Equipment
PTI	Payment to Income Ratio
R&D	Research and Development
REIT	Real Estate Investment Trust
ROI	Return on Investment
SaaS	Software as a Service
SG&A	Selling, General & Administrative
STEM	Science, technology, engineering, and mathematics
T	Total
TCO	Total Cost of Ownership
TV	Terminal Value
U.S	United States
USD	U.S Dollar
WACC	Weighted Average Cost of Capital



Executive Summary

Should IBM acquire Equinix?



IBM should <u>not</u> acquire...











- A leading digital infrastructure company, focusing on 3 main segments: digital infrastructure, interconnection, and data center service
- Combining two large entities like IBM and Equinix could result in a near-monopoly, which could impede long-term innovation due to the lack of competition



- The first pure-play data center REIT in Asia with a diverse and high-quality portfolio of data center assets in key international data center hubs.
- Keppel DC REIT's expertise in selecting high-potential data centers can significantly boost IBM's digital infrastructure and hybrid cloud service development

aluation



- Equinix has a market cap of ~\$80.5 Bn
- Need a huge debt load to make a deal of this size feasible risk of credit rating downgrade
- Would be the largest transaction that IBM has done to date





- Keppel DC REIT has a market cap of ~\$2.198 Bn
- Team analysis suggests a 30% premium to current share price \$1.2
- Keppel DC REIT presents IBM with the opportunity to establish itself
 as a significant player in Asian markets, including China,
 Ireland, and Malaysia, by providing access to numerous potential
 data centers in these locations

rgumen



- Reduced sales and profitability following the merger could arise from IBM and Equinix's shared services
- Equinix and IBM's data centers are **overlapping in significant areas** such as the US, UK, and Australia

Argument



- Keppel's proven data center selection skills, evident in their rising financial income, promise to boost IBM's digital and cloud services.
- **Keppel's acquisition complements IBM's strategy** by preventing monopolization, reducing service overlap, and encouraging innovation.

Executive Summary



Global Industry Overview

The world embraces significant technological innovations in 2024 to cope with economic and societal changes



2023 Highlights



The tech industry is booming, with growth expected to be driven by enterprises spending hugely on software and IT services—particularly artificial intelligence, cloud computing, and cybersecurity technology



World economic growth slowed from 3.5 percent in 2022 to 3% in 2023. Inflation continues to decelerate, from 9.2% in 2022 on a year-over-year basis, to 5.9% in 2023 and 4.8% in 2024



Businesses are striving for a balance between globalization and self-reliance in the stage of disruptions from geopolitical unrest, supply chain volatility, raw material shortages, and new regulations and policies

2024 Outlook by global geography



Asia Pacific

Asia Pacific (APAC) will have the fastest regional tech spend growth with 5.7% in 2024 due to the escalating adoption of software and IT services, fast R&D investment growth and Economic growth

North America

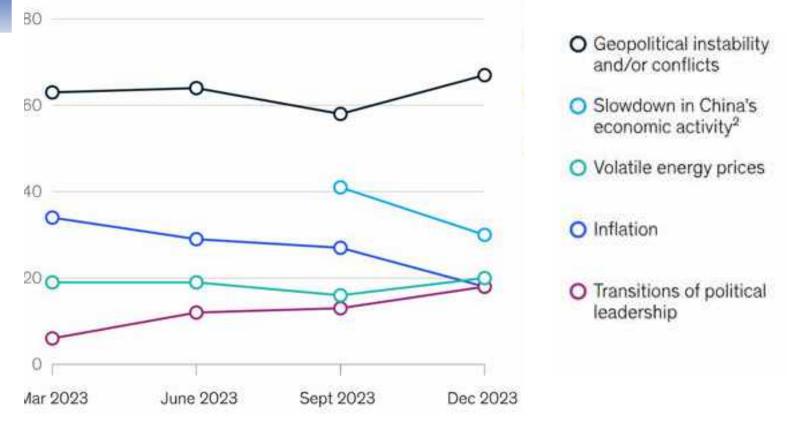
North America tech spend will grow at 5.5%, helped by the digital economy. Financial services and healthcare will see the fastest tech spend growth in 2024



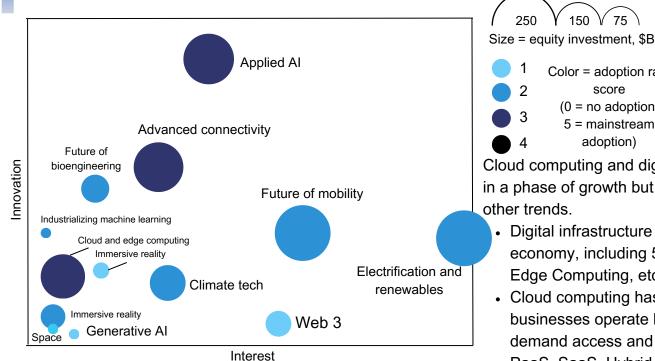
Europe

Europe will grow 5.1% thanks to the the recovery of real incomes and improved business confidence, along with the fall of inflation in 2023 suggests increased investment and competitiveness in 2024

Potential risks to global economic growth



The potential growth area for businesses



Cloud computing and digital infrastructure appear to be in a phase of growth but not as mature as some of the other trends.

Color = adoption rate

(0 = no adoption;

- Digital infrastructure is the backbone of the modern economy, including 5G and Beyond, Data Centers, Edge Computing, etc.
- Cloud computing has revolutionized the way businesses operate by offering scalable, ondemand access and connectivity, including laaS, PaaS, SaaS, Hybrid and Multi-cloud Environments

Source: (McKinsey&Co, 2023), (Statista, 2023), (FORRESTER, 2024)

Executive Summary

Industry Analysis Company **Overview**

Financial Overview **Feasibility Analysis**

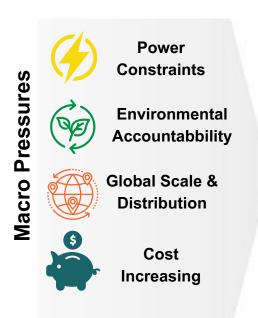
Alternative Solution

Digital Infrastructure & Data Center Overview

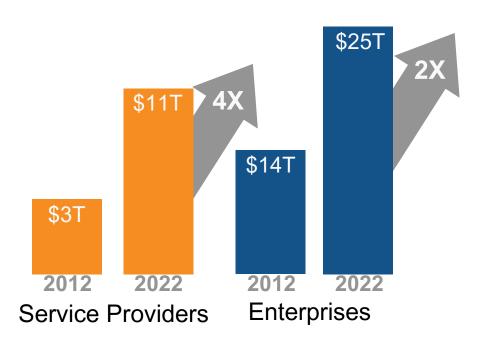
The digital economy is now racing to power their future with digitalization, emphasizing on digital infrastructure and data centers



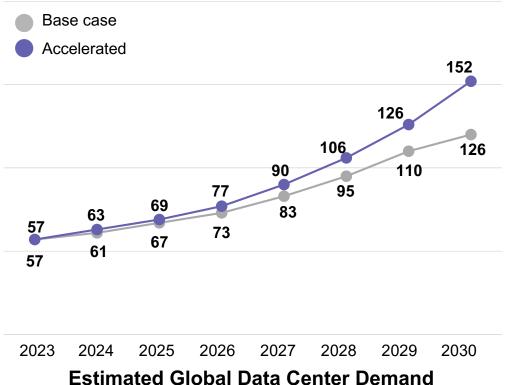
Digital Infrastructure appears to be one of the highest priorities

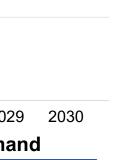


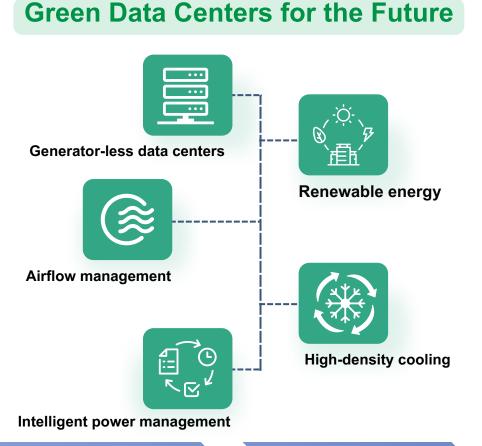




Data centers are the backbone of the digital infrastructure, therefore demand increases by times

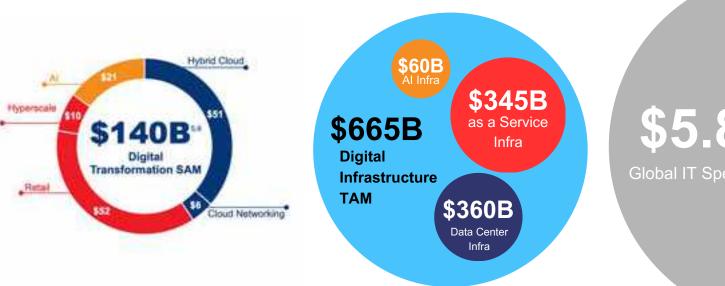






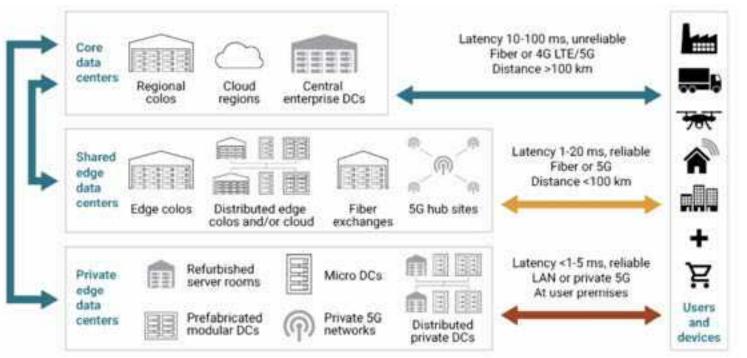
To take a further look, how will this market grow by 2026?

Worldwide Spending Technology Segment & Subsegment, 2021-2026



According to the World Bank, the digital economy makes up more than 15% of the global GPD and has grown 2.5 times times makes up over the previous ten years than the GDP of the physical world

Four main types of data centers that connect everything



Source: (Equinix, 2023), (Uptime Institute Intelligence, 2021), (Statista, 2022)

Executive Summary

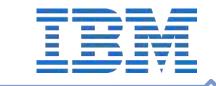
Industry Analysis Company **Overview**

Financial Overview **Feasibility Analysis**

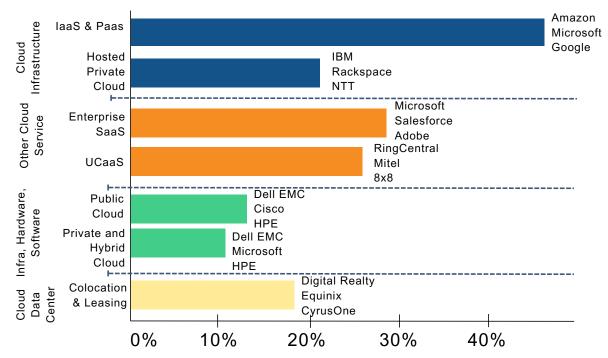
Alternative Solution

Cloud & Hybrid Cloud Overview

2024 is expected to be a pivotal year for cloud computing, marking a significant shift towards widespread adoption and maturation across industries and sectors



Businesses and countries are racing to the Cloud





fiscal year 2023 on information technology (IT), and \$17 billion went to cloud services specifically

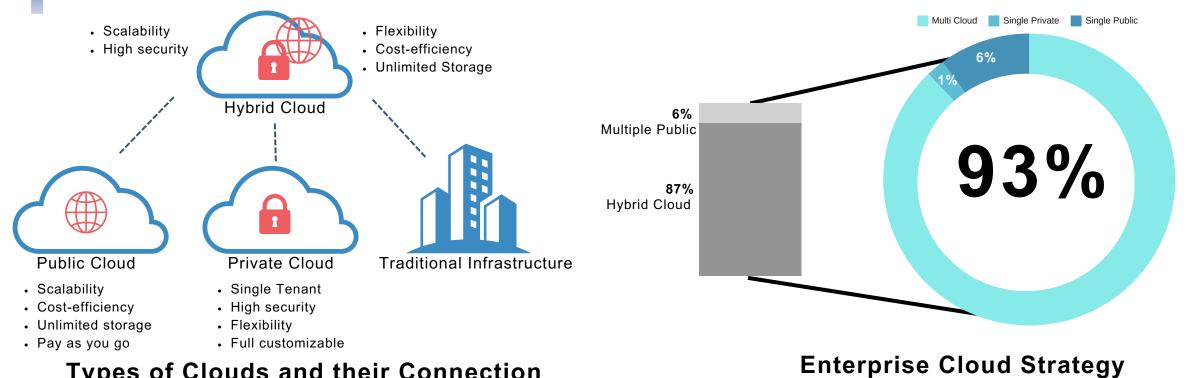


Over \$100 billion in

services grew by 18% in the third quarter of 2023 amounting to a spend of US \$9.2 billion

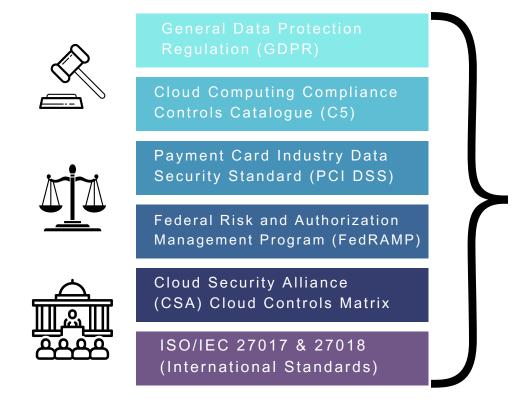
Cloud Markets Growth and Segments Leader

Buniesses have different Clouds preferences: Public, Private or Hybrid



Hybird cloud is now is on the rise **Hybrid Cloud Market** Size, by components, 2020-2030 18.7% CAGR 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030

Coupled with the race, there has to be some rules to follow



Types of Clouds and their Connection

Souce: (Kinsta, 2023), (IDC, 2023), (Statista, 2024)

Executive Summary

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Alternative Solution





IBM Overview

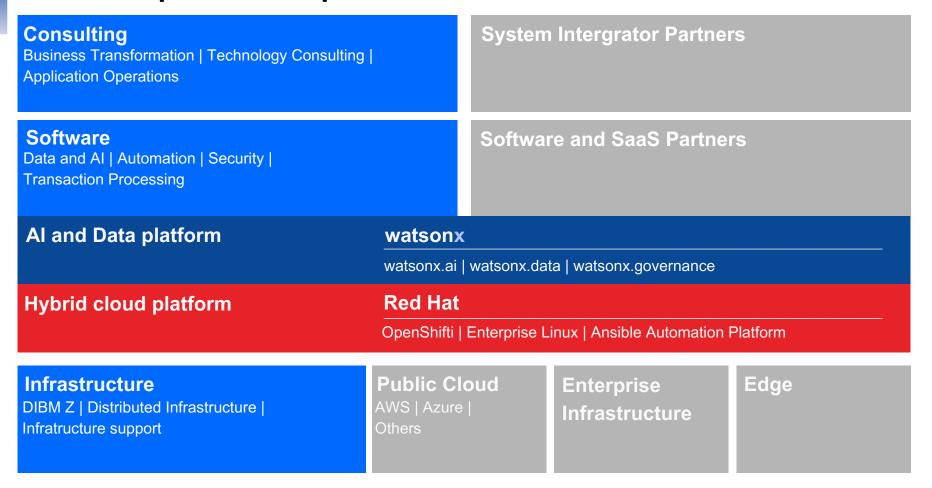
IBM is the global leader in digital infrastructure, cloud services and AI, serving clients in more than 175 countries



A Comprehensive Look at IBM

- IBM (International Business Machines Corporation) is a global technology company operates in more than 175 countries around the world headquartered in New York, USA
- The company's revenue is diversified across multiple segments, including Software,
 Infrastructure, Consulting, Financing + Other
- IBM aligns to a platform-centric model, focused on **hybrid cloud and Al**, innovation in **software and infrastructure** while pursued strategic acquisitions and divestitures
- IBM central in providing client value through a combination of technology and business expertise, expanded their partner ecosystem, simplified go-to-market model
- "IBM is dedicated to leveraging the latest technologies to drive innovation and create value for our clients worldwide." Arvind Krishna, Chairman and CEO of IBM

A diverse portfolio of products and services

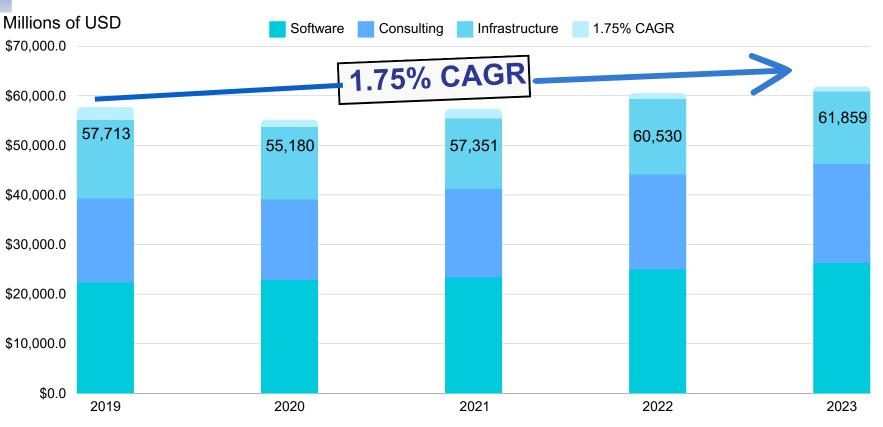


Comparative Analysis - Who are IBM's competitors?





Financial Revenue Per Year by segments



Source: (IBM Annual report, 2022), (Bloomberg, 2024)

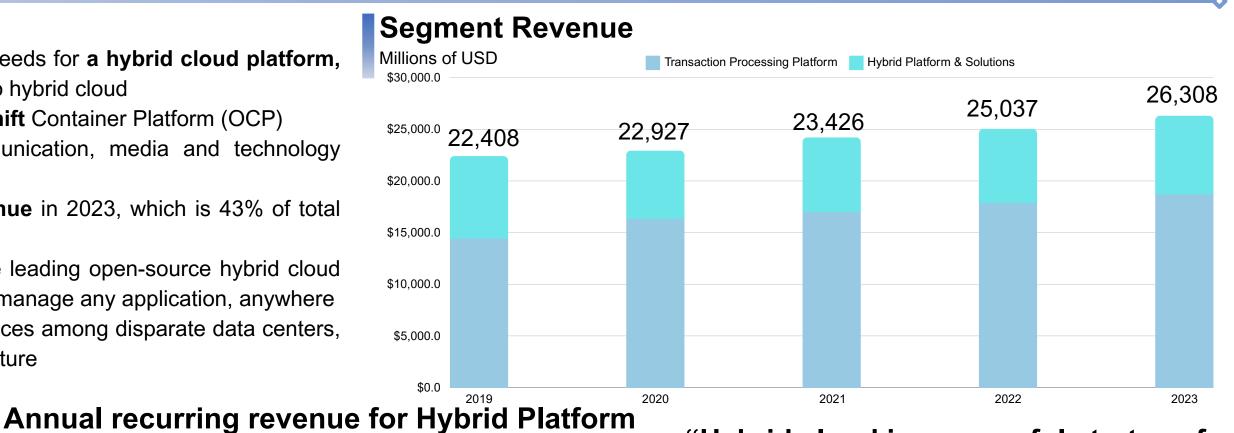
IBM Overview | Software (1/2)

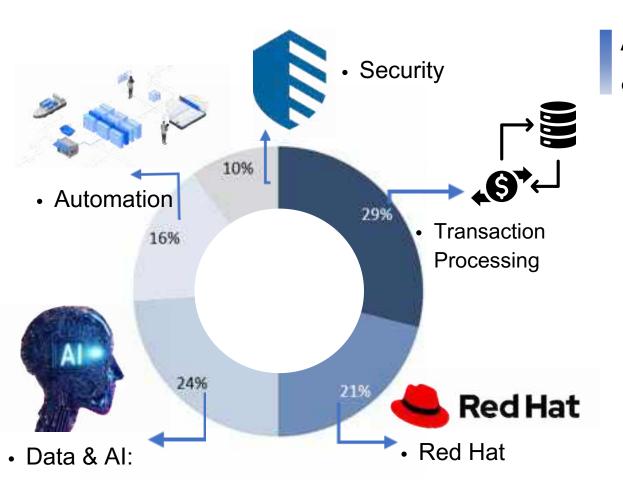
IBM software segments provides solutions that address client needs on their journey to hybrid cloud

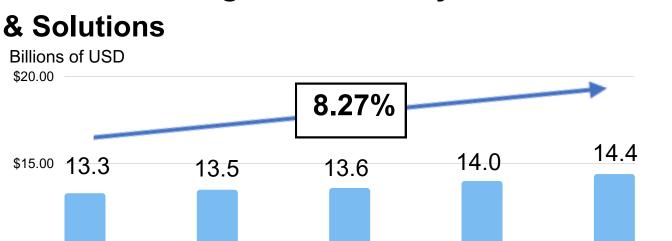


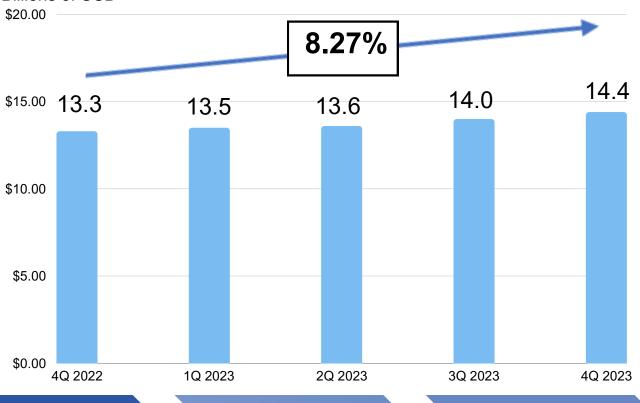
Segment Overview

- Software provides software solutions that address client needs for a hybrid cloud platform, data and AI, automation, and security on their journey to hybrid cloud
- IBM Software's growing portfolio runs on Red Hat OpenShift Container Platform (OCP)
- One hundred percent of commercial banks, telecommunication, media and technology companies in the Fortune Global 500 rely on Red Hat
- Software is the segment that generate the highest revenue in 2023, which is 43% of total revenue
- Red Hat, reported in IBM Software segment, delivers the leading open-source hybrid cloud platform and enables clients to build, secure, operate and manage any application, anywhere
- A hybrid cloud strategy can enable seamless data services among disparate data centers, co-locations, edge locations and the public cloud infrastructure

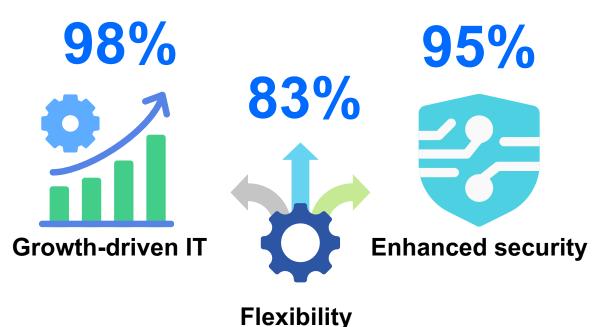








"Hybrid cloud is a powerful strategy for business transformation and innovation."



Source: (IBM Annual report, 2022), (Bloomberg, 2024)

Executive Summary

Industry **Analysis** Company **Overview**

Financial Overview **Feasibility Analysis**

Alternative Solution

IBM Overview | Software (2/2)

IBM has been investing to both extend and expand hybrid cloud and AI capabilities in Software



Software attributes

"Modernize" Accelerate, integrate and manage agile IT landscapes from the data center to the edge.

"Automate" Improve productivity with AI workflows that help people learn, detect, decide and act 66%

Acceleration in development cycles using IBM and Red Hat solutions together

Reduction in processing time by leveraging hyperautomation to boost productivity

60%

"Data-driven"

Collect, organize and analyze data to infuse Al to shape future outcomes

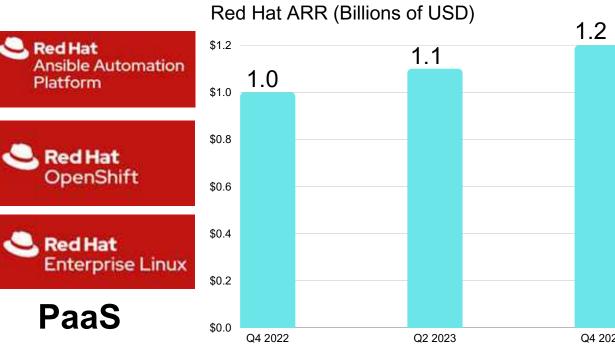
Align, protect, and manage threats to your business proactively

"Secure"

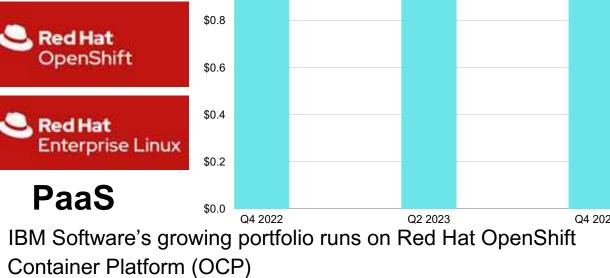
Footprint reduction in infrastructure, lowering 6% capex and opex through application modernization and hybrid cloud optimization

"write once, deploy anywhere"

 Red Hat collaborates with a broad ecosystem of partners and communities comprised of millions of developers ORACLE



Red Hat Main Driver of IBM Software Sales

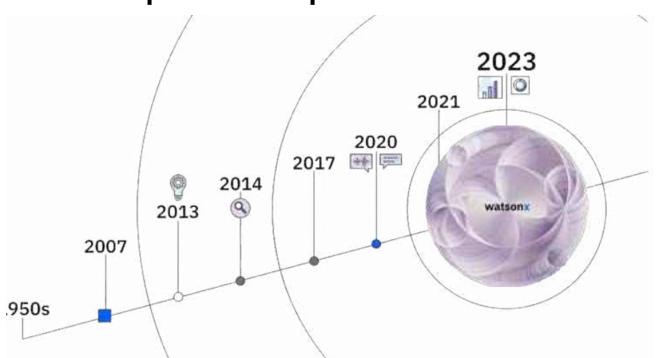


Q4 2023

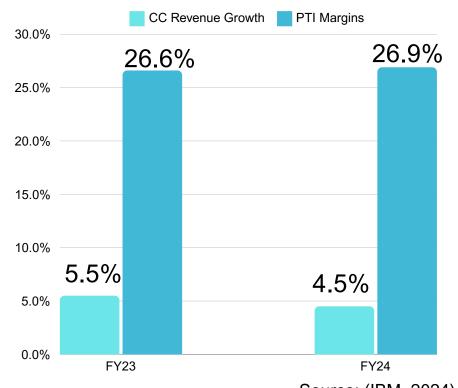
salesforce

NOKIA

The Watsonx platform captures Al share leadership with a comprehensive platform



Estimated growth and PTI margins for the FY2024



IBM's Software business is well positioned with meaningful exposure to Security and Automation, as well as open-source and Kubernetes technology with RedHat and **OpenShift**

Source: (IBM, 2024), (J.PMorgan, 2023)

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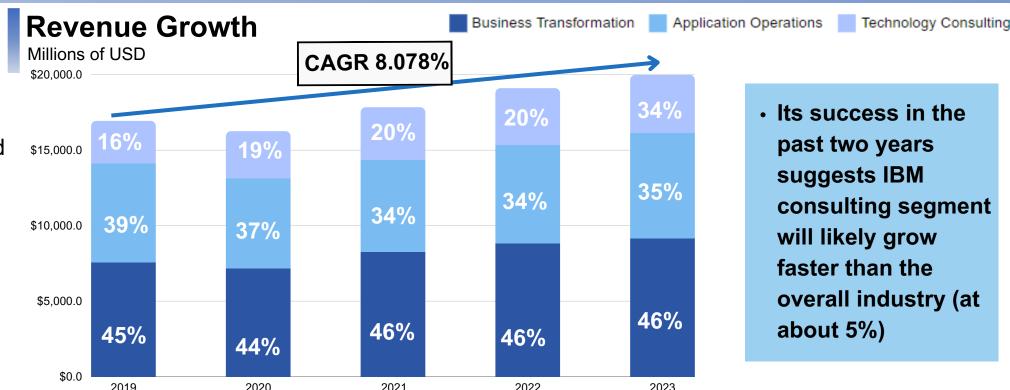
Alternative Solution

IBM Overview | Consulting

Consulting is one of the strongest growing segments in IBM with a great source of expertise and captital

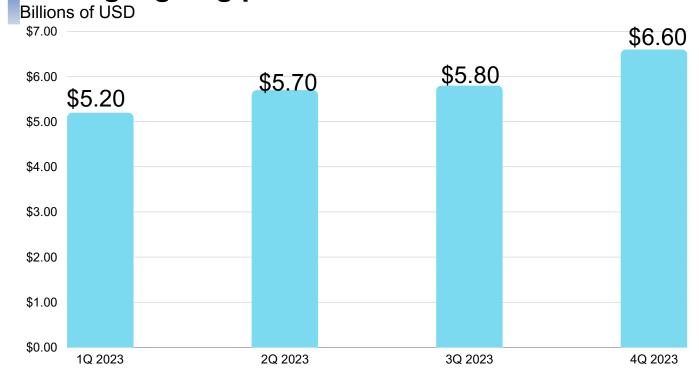
Segment Overview

- Consulting designs, builds and operates technology and business processes based hybrid cloud and Al technologies
- IBM is the only technology company with a consulting business at scale
- IBM strategic partnerships now make up over 40% of Consulting revenue and delivered double-digit growth in both, signings and revenue for the full year
- It comprises three business areas Business Transformation, Technology **Consulting and Application Operations**
- · Consulting revenue increased 6% adjusted for currency with growth across all lines of business, with backlog is up 8%
- IBM Consulting has strengthened its commitment to be a trusted partner for digital transformation and expanded its use of the IBM Garage



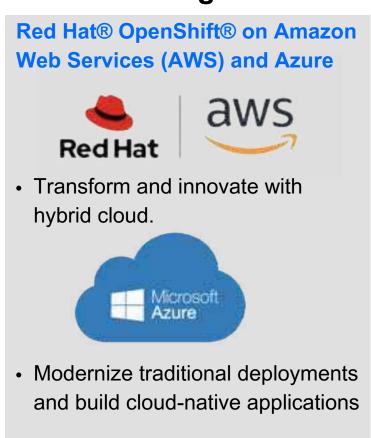
 Its success in the past two years suggests IBM consulting segment will likely grow faster than the overall industry (at about 5%)

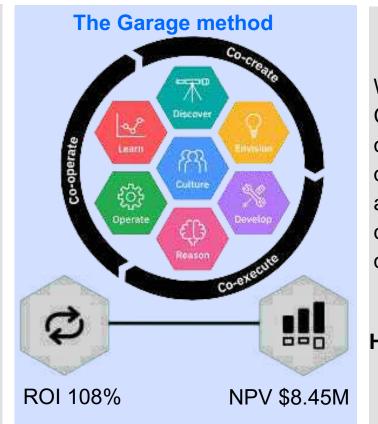
Strong signing performance

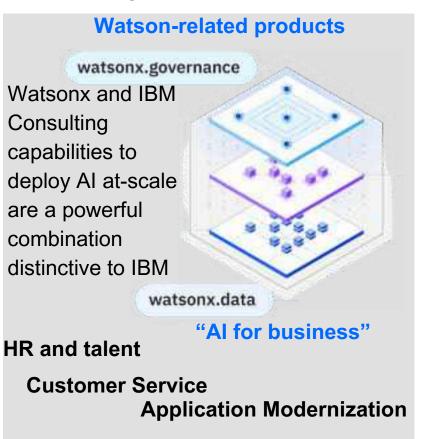


 Consulting signings was approximately 2/3 of IB book of Alrelated business, in the fourth quarter 2023 with Book-to-bill ratio >1.15 for the year

IBM Consulting is the leading market system integrator with hybrid cloud and Al







Source: (IBM, 2024), (Bloomberg, 2024), (CNBC, 2022)

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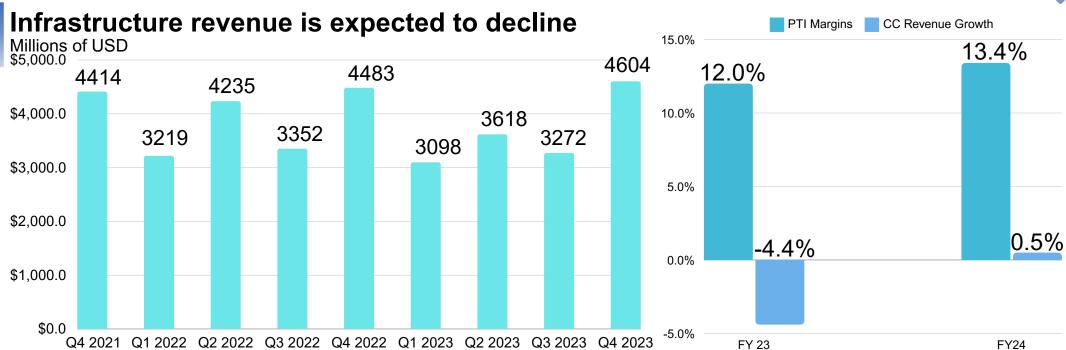
IBM Overview | Infrastructure

zSystems remains an enduring platform, driving customers' adoption

Segment Overview

- Infrastructure is optimized for infusing Al into mission-critical transactions and tightly integrated with IBM Software including Red Hat for accelerated hybrid cloud benefits
- Infrastructure comprises two business areas Hybrid Infrastructure and Infrastructure Support
- Forty-five of the world's top 50 banks are running on IBM zSystems.
- The z16 program incorporates a number of key innovations, including cloud-native development for hybrid cloud and embedded AI at scale
- Total infrastructure FY revenue was down 4% y/y, reflecting lower demand from the product cycle

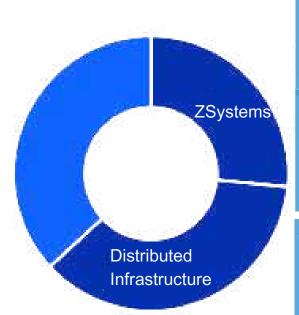
LinuxONE



Q4 2021 Q1 2022 Q2 2022 Q3 2022 Q4 2022 Q1 2023 Q2 2023 Q3 2023 Q4 2023 FY 23

Infrastructure profitability fluctuates on product-refresh cycles, with margins slipping when a new mainframe is released and then improving in subsequent years

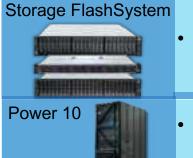
IBM is well positioned in the growing hybrid cloud infrastructure market





Can unlock lower 5-year total cost of ownership (TCO) with IBM z16 in the hybrid cloud

LinuxONE offers a sustainable and cyber-resilient platform for hybrid cloud and Al applications, which can also help reduce TCO through workload consolidation



Help customers modernize and scale on-premises and in the cloud with secure hybrid cloud and trusted Al automation and insights

Provide enterprise clients with a secure environment that balances mission-critical and modernization applications to deliver a frictionless hybrid cloud experience

IBM Cloud Deployment - Data Center Map



Source: (IBM Annual report, 2024), (Bloomberg, 2024)

Alternative Solution

IBM's Strategic Direction

IBM believes hybrid cloud and AI are the two most transformative technological shifts that are happening in the world today



IBM platform-centric hybrid cloud and Al strategy



IBM introduced IBM Cloud Paks, help leverage Red Hat's technologies



IBM expands its Hybrid Cloud Portfolio, includes offerings for containerization, Kubernetes management,

and multicloud deployment



IBM with Watson. its core platform that enables clients to train. tune, validate, and deploy AI models

2019

IBM acquired of Red Hat for \$34 Bn, aimed at strengthening its position in the hybrid cloud market

IBM announces seperation of Kyndryl, which allows IBM to focus on higher-value cloud and AI services

IBM launches IBM Quantum Experience for developers

IBM **Quantum**

A broad variety of strategic partnerships and strategic acquisitions help IBM to deliver end-to-end solutions and drives sustainable growth

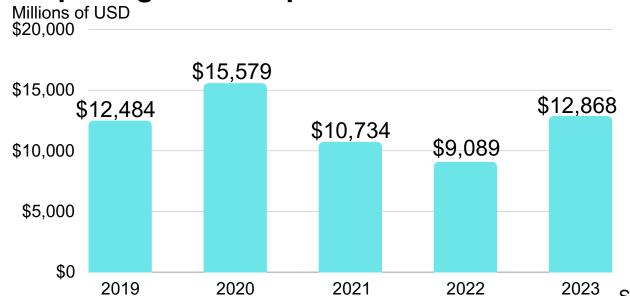




kyndryl



Strong free Cash flow in 2023 will lead to more strategic acquisitions to expand global footprint

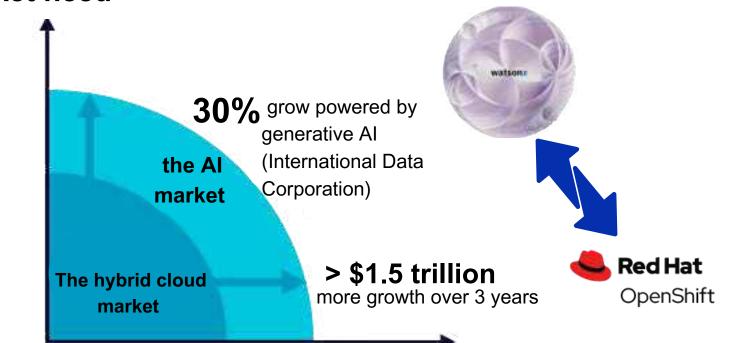




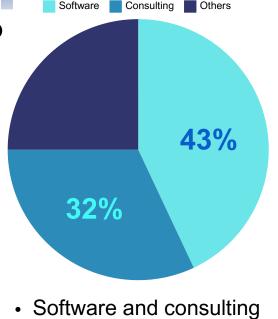
 2019's \$34 billion takeover of Red Hat and the \$4.6 billion purchase of Apptio were IBM's largest transactions

Source: (IBM, 2023), (J.P. Morgan research, 2022)

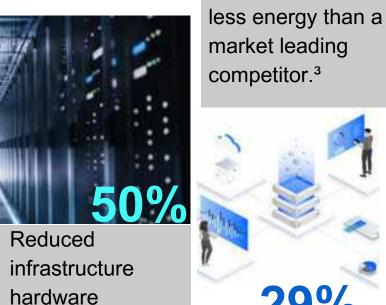
IBM's hybrid cloud and AI strategy addresses an enormous market need



Digital transformation driven by customers' needs



account for over 70% of sale refelct high demand



and licensing costs.

market leading competitor.3

29%

increase in data team efficiency

Source: (IBM Annual report, 2024), (Bloomberg, 2024)

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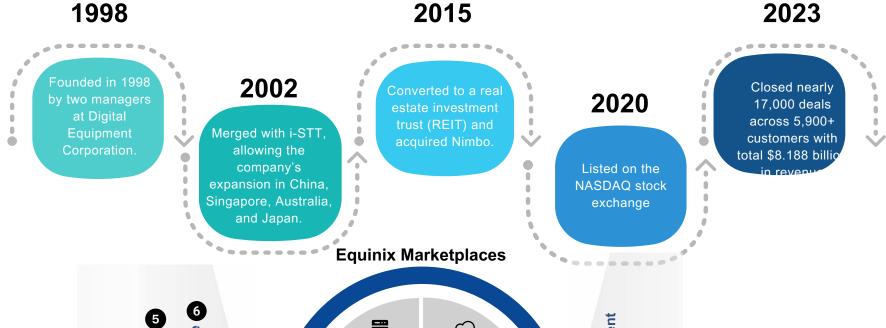
Equinix Overview (1/2)

As the world's largest data center and colocation provider, Equinix enables the interconnected digital infrastructure that powers the digital global economy

A Comprehensive Look at Equinix

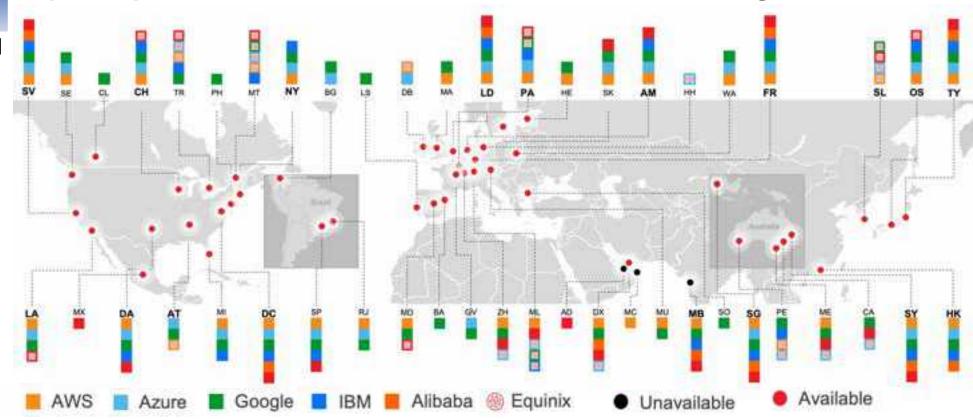
- Equinix is the world's digital infrastructure company, founded as a vendor-neutral multitenant data center provider where competing networks could securely connect and share data traffic
- Equinix focuses on 3 main segments: digital infrastructure, interconnection and data center services
- In 2023, Equinix has 250 data centers close to clouds and networks for optimal hybrid architectures and access to the world's largest industry ecosystem powered by 456,000+ interconnections

Equinix has been growing significantly over time...



...with a strong portfolio

Equinix presents at all corners of the world, with the giants...



... and continues expanding routes to seize opportunities.



HPE aWS
GreenLake aWS
Azure cisco

Coogle Cloud Dell
Introduces

Note to be a cooperation of the cooperation

Alliances

MARKET LEADER

Source: (CNBC, 2022), (IDC, 2023), (Equinix, 2023)

Full-service Motion

Self-Service

Equinix Overview (2/2)

PLACES

Equinix is heading the right and substantial path, resulting in impressive growth and achievement



Equinix aims to bridge to world together with the RIGHT...

Equinix Fabric 250 Data Centers **Equinix Digital** 29M+ Global Sq. Ft. Infrastructure **>99.9999%** Uptime Record Services 96% Renewable Energy **Digital Strategy Expertise**

"2023 was another strong year for Equinix—we delivered more than \$8 billion of revenues, achieving an amazing 21 years of consecutive quarterly revenue growth, all while driving AFFO per share performance above the top end of our long-term expectations."

PARTNERS

Charles Meyers, CEO and President, Equinix

Data Center

of the Future

POSSIBILITIES

A rating for CDP Climate Change

High **Traditional** Infrastructure



















Co-locate in hubs for direct

Low

Emission

on Equinix Platform

Source: (Equinix, 2023), (Statista, 2022), (Bloomberg, 2023)

Company

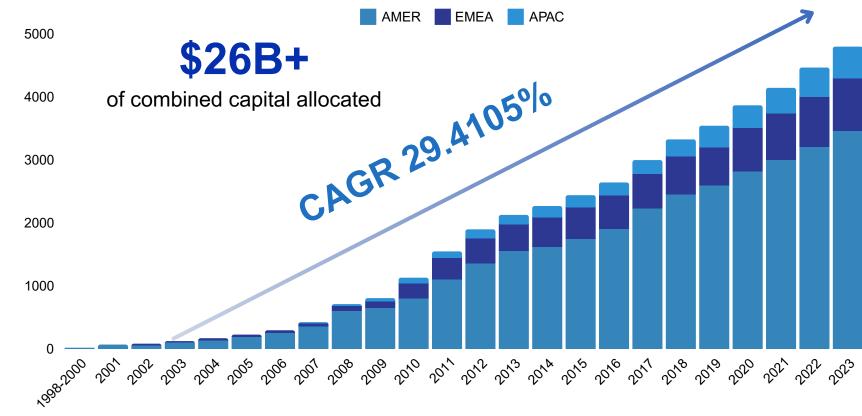
Feasibility Analysis

Alternative Solution

Conclusion

Doing the RIGHT things leads in the RIGHT results

25 Years of Revenue Growth in \$ millions



Global Footprint



260 data centers



71 global markets



20

Global Customer



Telecommunication carriers



Global enterprise ecosystems



Digital media and content providers

Mobile and other network services providers



Cloud and IT services providers



Financial services companies

Transformed infrastructure

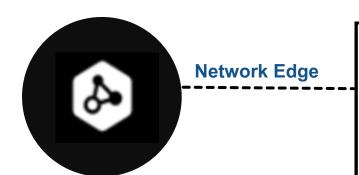
Equinix | Digital Infrastructure

Equinix has established itself as the digital backbone facilitating with diverse and advanced solutions needed in today's digital economy



Segment Overview

- Equinix helps businesses stay relevant in today's rapidly growing digital economy by keeping up with the shift in global demand for digital services
- Equinix offers professional services to deploy, monitor, manage, and optimize IT infrastructure.
 - Services include remote hands, installations, troubleshooting, reporting, storage and data protection
 - Network services provide high-speed connectivity within and between Equinix facilities globally. Solutions include cross connects, metro connect, and more.
 - Security services include DDoS protection, firewalls, secure access controls, and more to protect critical infrastructure



- Allows deployment of networking devices and technology closer to endusers and digital ecosystems
- Includes Network Edge Virtual Services for virtualized networking functions like virtual routers, firewalls, load balancers, etc.
- Provides deployment of dedicated physical networking devices like SD-WAN edge, firewalls, and more within Equinix IBX facilities.



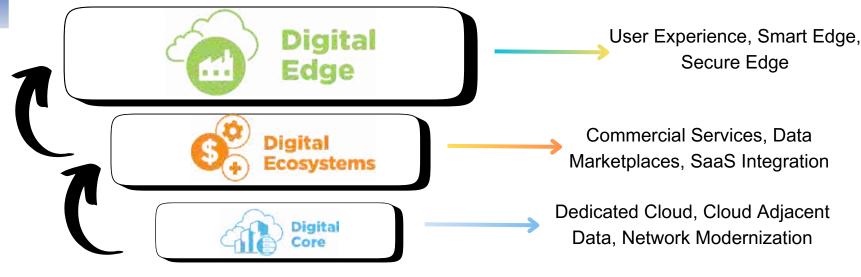
- Equinix Metal is a bare-metal cloud offering high-performance, dedicated servers on demand with global deployment flexibility.
- Provides an automated, interconnected bare metal alternative to public and private cloud infrastructure.
- Metal servers can be provisioned in software-defined configurations across Equinix's footprint.



- Precision Time provides accurate time services synced to national atomic clocks and UTC sources.
- Offers Precision Time as a Service (PTaaS) with ultra-accurate time delivery over secure network paths.
- Critical for financial services firms, gaming, telco, media and other industries requiring nanosecond time accuracy.

Source: (Equinix, 2023), (Statista, 2023), (Yahoo Finance, 2023)

The components of digital infrastructure

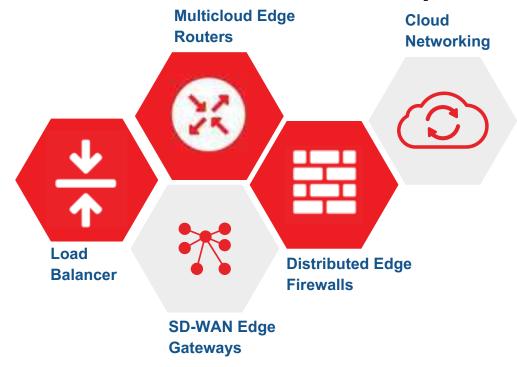


10-year
Deployment
Growth

44% / countries
59% / 3-region

3% / single-metros
46% / multi-metros

How things connected to each other at Equinix Platform



Equinix | Interconnection

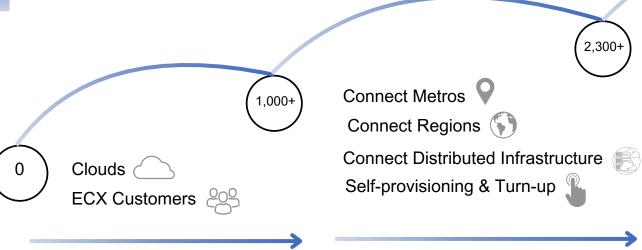
Equinix's interconnection services provide a secure, private, and high-performance way for globally

Segment Overview

- Equinix helps businesses stay relevant in today's rapidly growing digital economy by keeping up with the shift in global demand for digital services
- Equinix's industry-leading global interconnection franchise continues to perform with over 462,000 total interconnections deployed on its platform. In Q4 2023, interconnection revenues climbed up 10% year-over-year, and the company added an incremental 4,300 organic interconnections in the quarter



The 10-year Evolution of Cloud Services



Equinix Cloud Exchange 2014 - 2017

Equinix Cloud Exchange Fabric 2017 - 2020

Source: (Equinix Investor Presentation, 2023), (Statista, 2023), (Yahoo Finance, 2023)

10,000-Discovery Edge Services Integration **Network Orchestration** Connect to Everyone in an IBX **Equinix Fabric**

2020 - Now

Network Growth

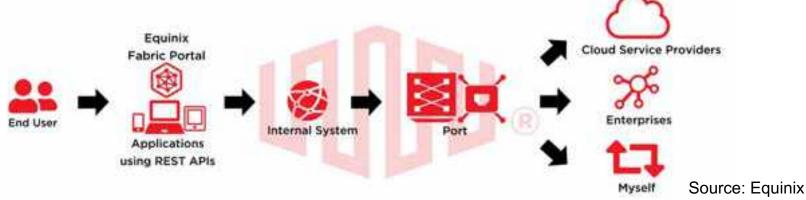
Types	Y/Y Growth
Network & Cloud	7%
Network & Content	33%
Network & Enterprise	10%
Network & Financial	23%

Service Growth

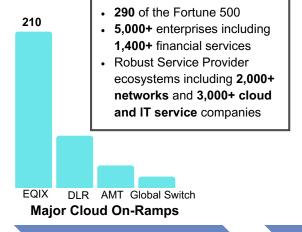
Types	Y/Y Growth
Network & Cloud	35%
Network & Content	7%
Network & Enterprise	11%
Network & Financial	54%

Vertical View of Connectivity Growth

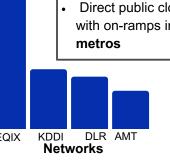
A brief overview of how Equinix Fabric works



How Equinix Interconnection compares with others?



40%+ of the hyperscale 10,000+ cloud on-ramp nodes in Equinix metros Direct public cloud access with on-ramps in nearly 50



· Leading carrier-neutral platform with over 2x as many network customers as our next closest

10 of 10 largest telecom providers

Leading provider for cable landing station providers

Alternative Feasibility Solution Analysis

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Executive Summary

DLR CYXT

Customers

2,000+

Equinix | Data Center Services

Equinix provides enterprises with a globally distributed platform for mission-critical infrastructure deployment and a foundation for a greener future

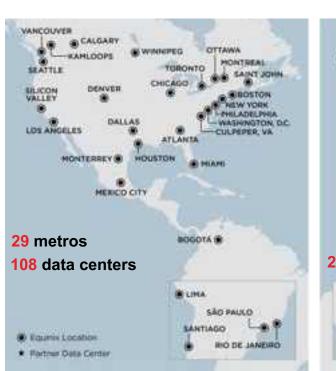


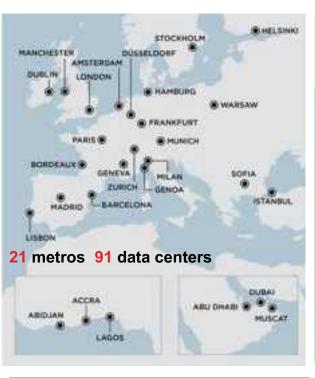
Segment Overview

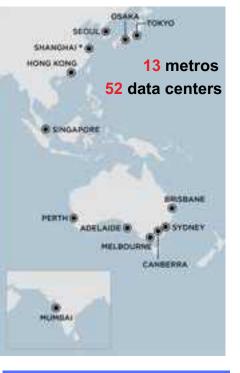
- Equinix helps businesses stay relevant in today's rapidly growing digital economy by keeping up with the shift in global demand for digital services
- Equinix operates over 200 data centers globally providing colocation, security, and managed infrastructure services. Colocation options range from cabinets to cages and suites. Facilities provide redundant power, cooling, and physical security
- Three main categories: IBX Data Centers, IBX Smart View, xScale Data Centers

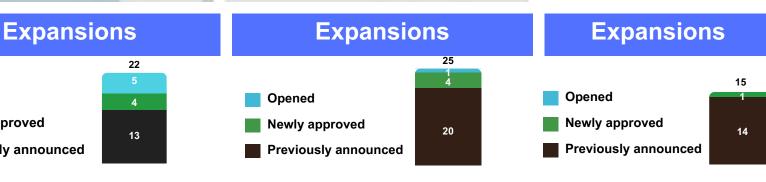
TOP 10 Real Estate Investment Trust

Where can we find Equinix data centers? Where-ever we want!



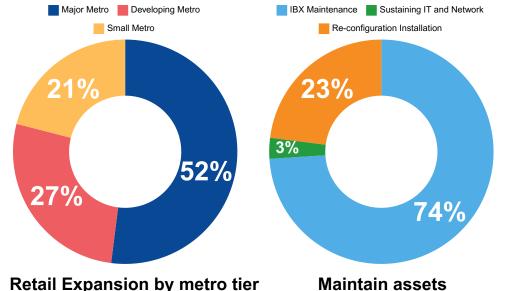






Data Center Services or IBX is Equinix's most important R&D focus

Targeting ~\$3B of CAPEX per year FY23 – FY27 to expand and maintain Equinix's platform



IT investment

- Customer initiatives
- Efficiency and scaling projects

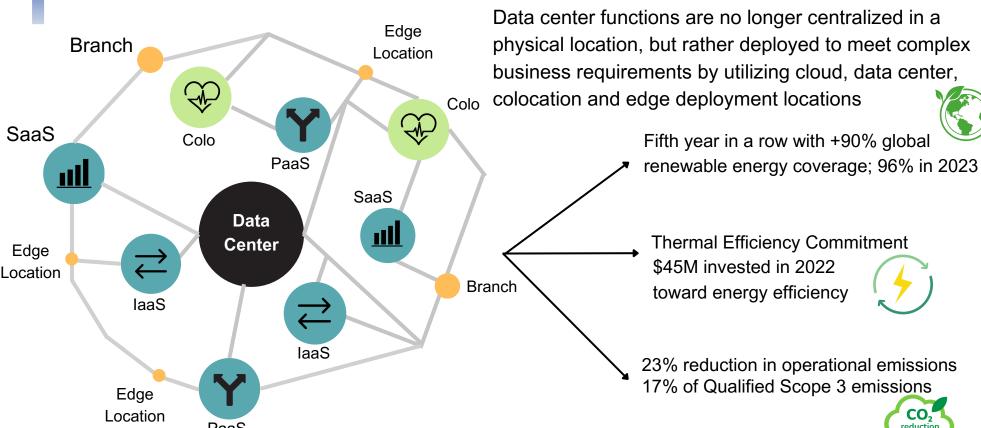
Digital Services investment

- New product development
- Enhancements to existing products

Supports new bookings

CAPEX to support installation of new customers

The Data Center of the Future – No longer limited by walls



Executive Summary

Opened

Newly approved

Previously announced

Industry **Analysis**

Company **Overview**

Financial Overview

Feasibility Analysis

Alternative Solution

Source: (Equinix Q3 2023 Results Presentation, 2023), Seeking Alpha (2024)

Equinix | Strategic Decision

Equinix bridges the digital world by investing, researching and developing in AI, clouds, and sustainable solutions



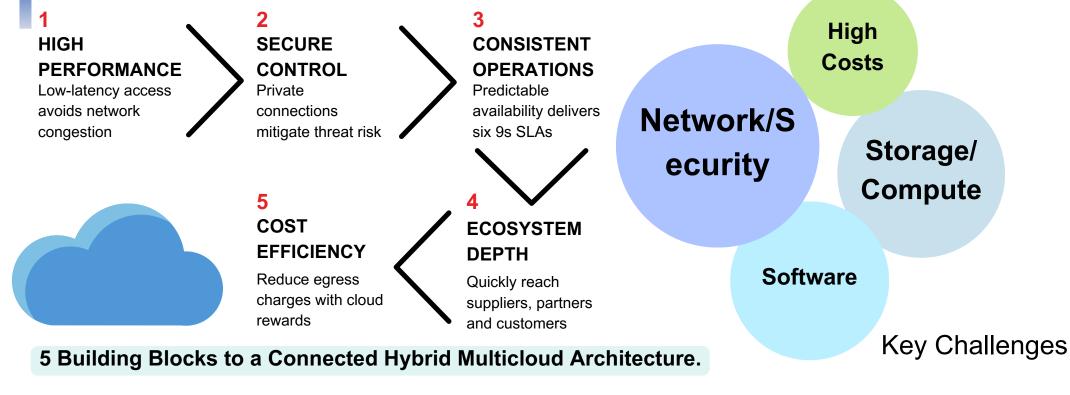
Geographically Expansion: Equinix's Strategic Asian Footprint Expansion

- In Asia-Pacific, Equinix currently has 51 data centers in 13 key metros across Australia, China, Hong Kong, India, Japan, Malaysia, Indonesia Korea and Singapore.
- Over the next two years, Equinix is investing over \$350 million in 10 new data centers across **Asia-Pacific**



Expected to register CAGR of 12.1% during the period of 2022 to 2027 fuelled by deep internet penetration, public cloud services and higher predicted Internet of Things (IoT) growth

Internally Expansion: Journey in Chasing the Cloud



Source: (Equinix, 2023), (Statista, 2023), (Seeking Alpha, 2022)

Future Expansion: Partner for AI data center infrastructure



Equinix provides colocation, interconnection, security, and management services via its global data center facilities



NVIDIA

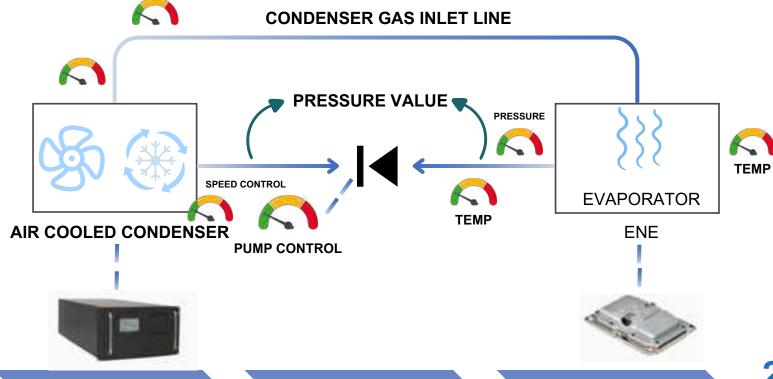
Private Al

Nvidia DGX systems, powered by Nvidia Al Enterprise software, provide the core infrastructure for Al development and training

Keep data private Reduce your regulatory risk **Optimize your costs and performance**

Equinix is at the heart of addressing industry trends and problems

R&D in Advancing Liquid Cooling Technologies



Feasibility Analysis

Alternative Solution

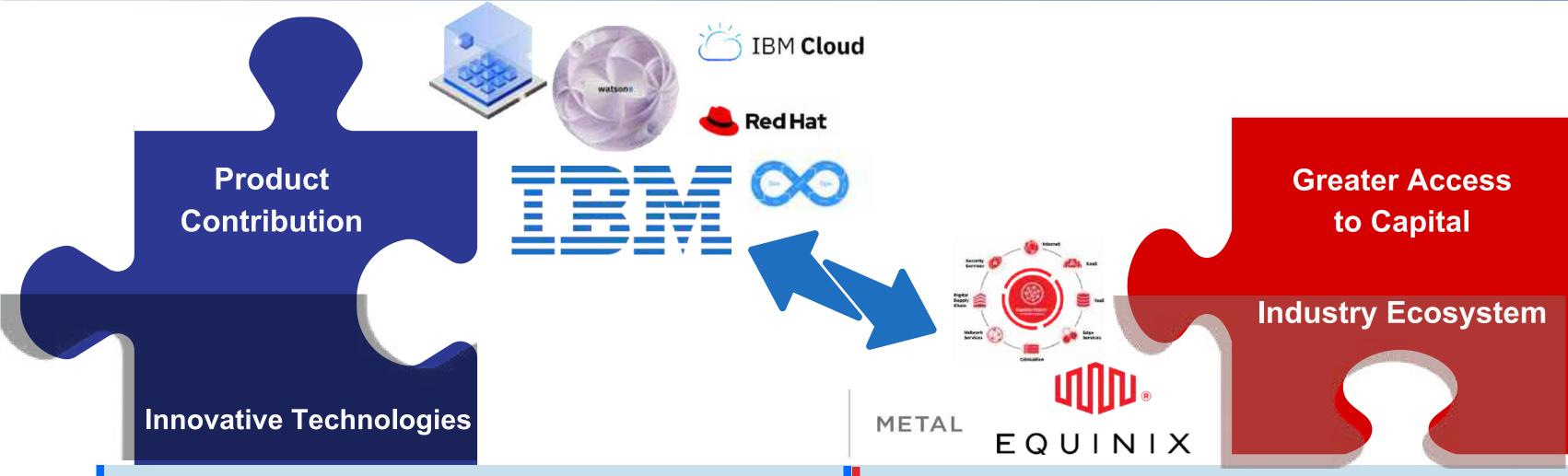
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Strategic Fit Between IBM and Equinix

The combined company provides a wide range of opportunities for complemented products and makes them leaders in the market





- Access to Equinix's data center infrastructure allows IBM to scale its cloud services more efficiently to meet growing customer demand with high reliability, availability and flexibility
- Equinix's global presence enables IBM to penetrate new markets and industries where Equinix has established a strong foothold
- IBM can leverage its edge computing technologies to support Al-driven applications, IoT devices, and real-time analytics
- IBM gain the world's largest industry ecosystems of cloud providers, helping drive strategic partnerships and co-innovation initiatives

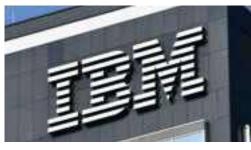
- IBM's financial strength could provide Equinix with additional capital to invest in expanding its data center infrastructure and interconnection services
- IBM's cloud platforms and Watson AI can enable Equinix to take advantage of innovative technologies and services, such as AI, IoT to modernize its data center infrastructure
- IBM's robust security solutions can help bolster Equinix's security posture and compliance capabilities

Strategic Fit Between IBM and Equinix

Equinix's Data Centers and Interconnection match well with IBM Cloud Platform



Equinix can support IBM's hybrid cloud and AI through Equinix's ecosystem





Summary

- IBM can offer clients enhanced connectivity options between their onpremises infrastructure and IBM Cloud with Equinix's connectivity solutions
- IBM can have immediate access to Equinix's extensive data center infrastructure, enabling it to expand its footprint
- Equinix's focus on technological innovation and ecosystem collaboration complements IBM's commitment to maintaining a leading edge in innovation
- The capabilities and focuses of both companies complement each other effectively

Overview

World's infrastructure provider

The world's largest industry ecosystems

Global reach: 6 continents, with data center facilities in 71 metros across 32 countries

IBM can leveraging ecosystems of partners on an interconnected platform to tap into new capabilities that enable them to scale

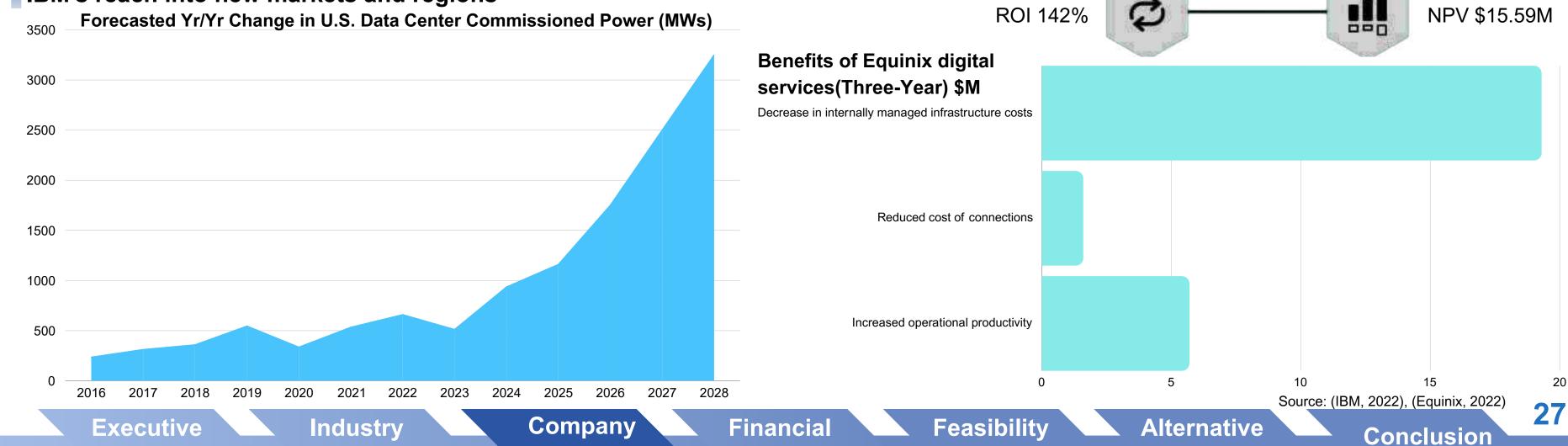
Analysis

Solution





Analysis



Overview

Strategic Fit Between IBM and Equinix

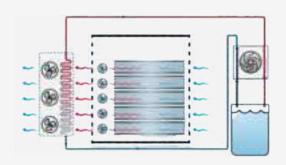
IBM Cloud and AI efficiently support Equinix's Data Center Innovations



Equinix supports next-generation liquid cooling technologies for cloud, Al and digital infrastructure

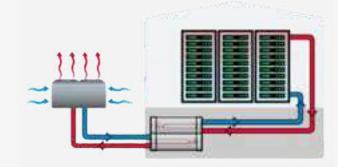
Rear-door heat exchangers

- Energy Efficiency: save up to 50% on the overall data center operation
- Heat Removal: can reduce 48% of the waste heat
- Less Space Requirement: utilizes available spaces
- Flexibility: easier to install compared to CRAC units with under-floor air distribution
- Low maintenance: be cleaned once in a while to remove the dirt on the air-side of the coils



Direct-to-chip

- · Higher Performance: more efficient than traditional air cooling methods
- Energy Savings: requires less energy to power fans and air conditioning units.
- Increased Reliability and Longer Lifespan: extend the lifespan of electronic components and reduce thermal-related failures.
- Potential for Liquid Cooling Innovations: are continuously evolving



Risk Mitigation



Improved Data Center Sustainability

High-Density Computing Support



Enhanced Performance and Reliability

Source: (IBM, 2022), (Equinix, 2022)

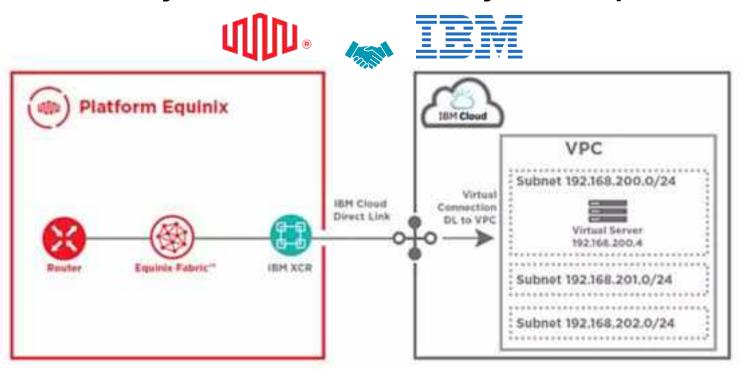
Industry **Analysis**

Feasibility Analysis

Alternative Solution

Conclusion

IBM collaborates with Equinix to deliver applicationcentric hybrid cloud connectivity to enterprises



The integration of Equinix Fabric and IBM Cloud Direct Link is a crucial element for seeking a comprehensive cloud networking topology with a mix of Equinix Platform, Red Hat OpenShift and **IBM Cloud Satellite**



Al at the metro edge



IBM Cloud Pak for Data



Interconnection



Cloud Pak for Multi-Cloud Management

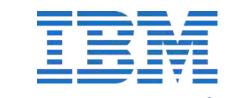


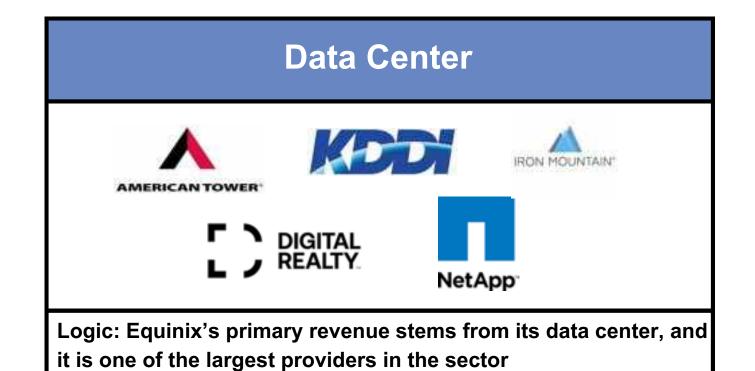
And more!



Equinix Potential Peer Groups

The peer group for Equinix encompasses data centers, interconnection, and digital service









Interconnection

CenturyLink

DIGITALBRIDGE

Cyxtera

Logic: one of Equinix's main sources of revenue, high growth potential with rising demand for global network connectivity

Equinix is categorized as a REIT due to its business model, which involves significant real estate holdings. However, in normal operation, it provides cloud services, and its real estate is mostly used for locating data centers => We select its peer group based on its normal operation

Source: (Bloomberg, 2023)

Comparable Company Selection

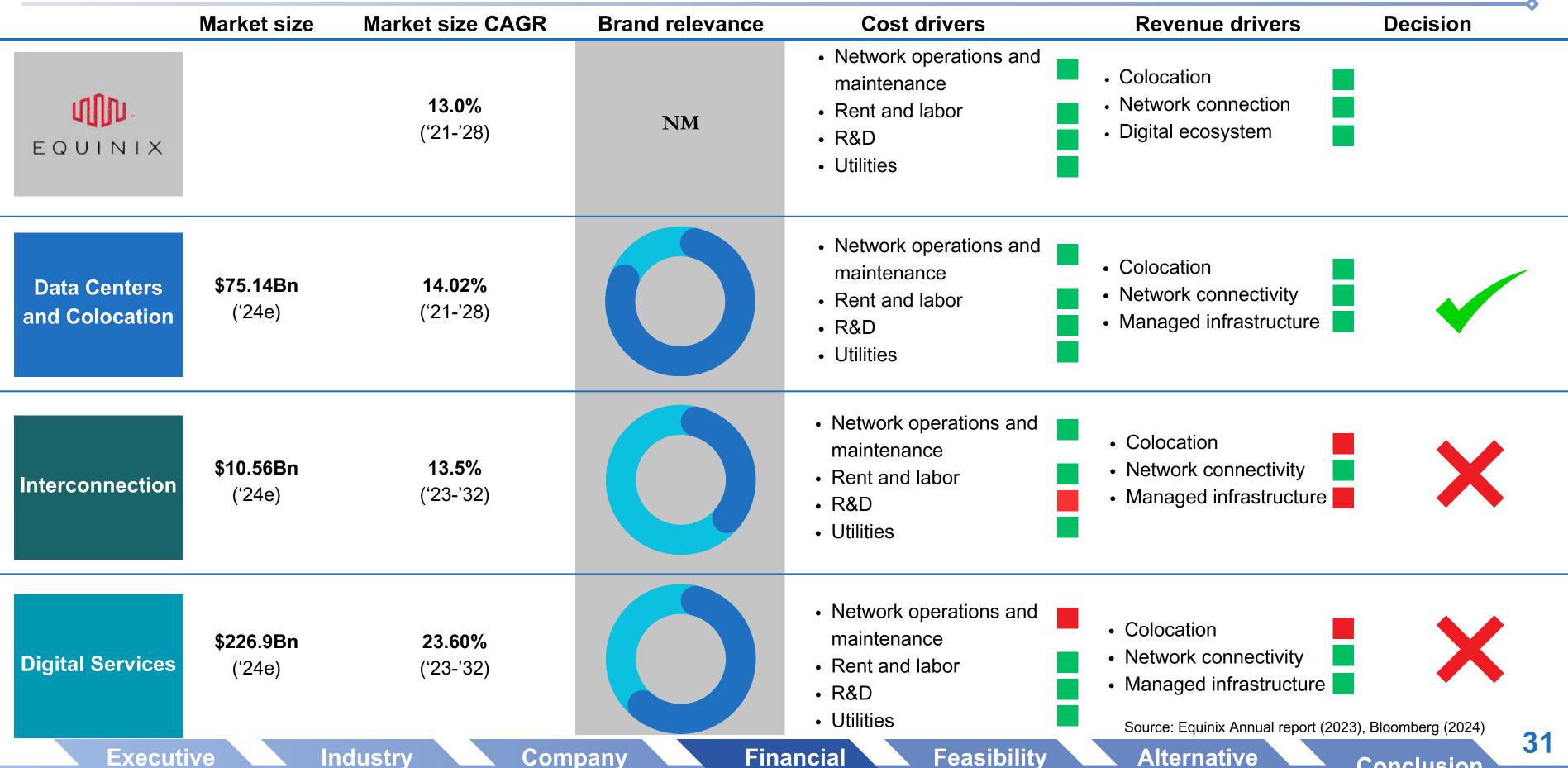
Summary

Selection of Equinix's peer group was determined via examining comparable companies' relevance to Equinix's brand as well as revenue and cost drivers

Overview

Analysis





Overview

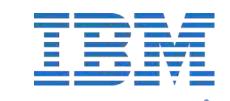
Analysis

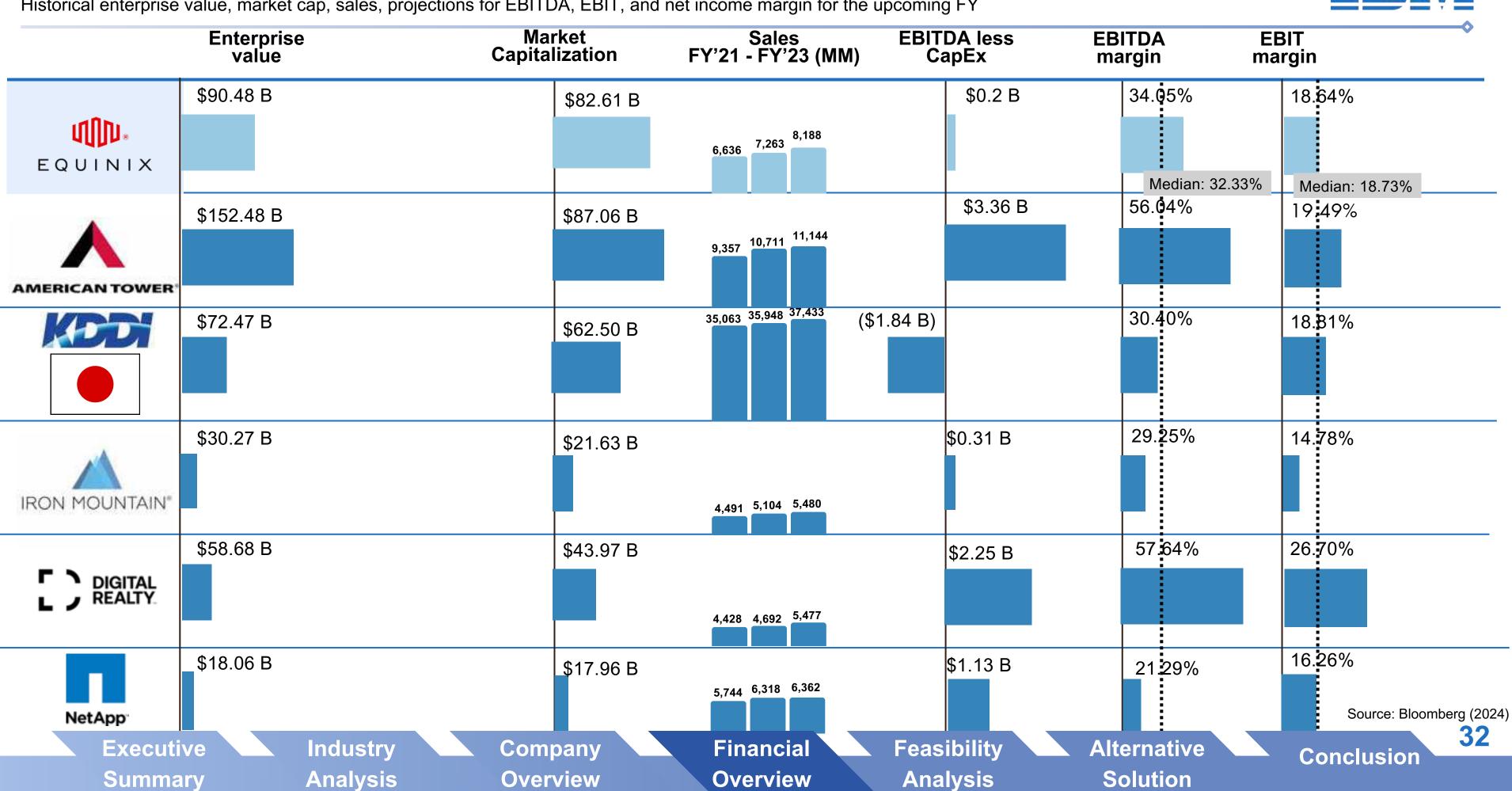
Conclusion

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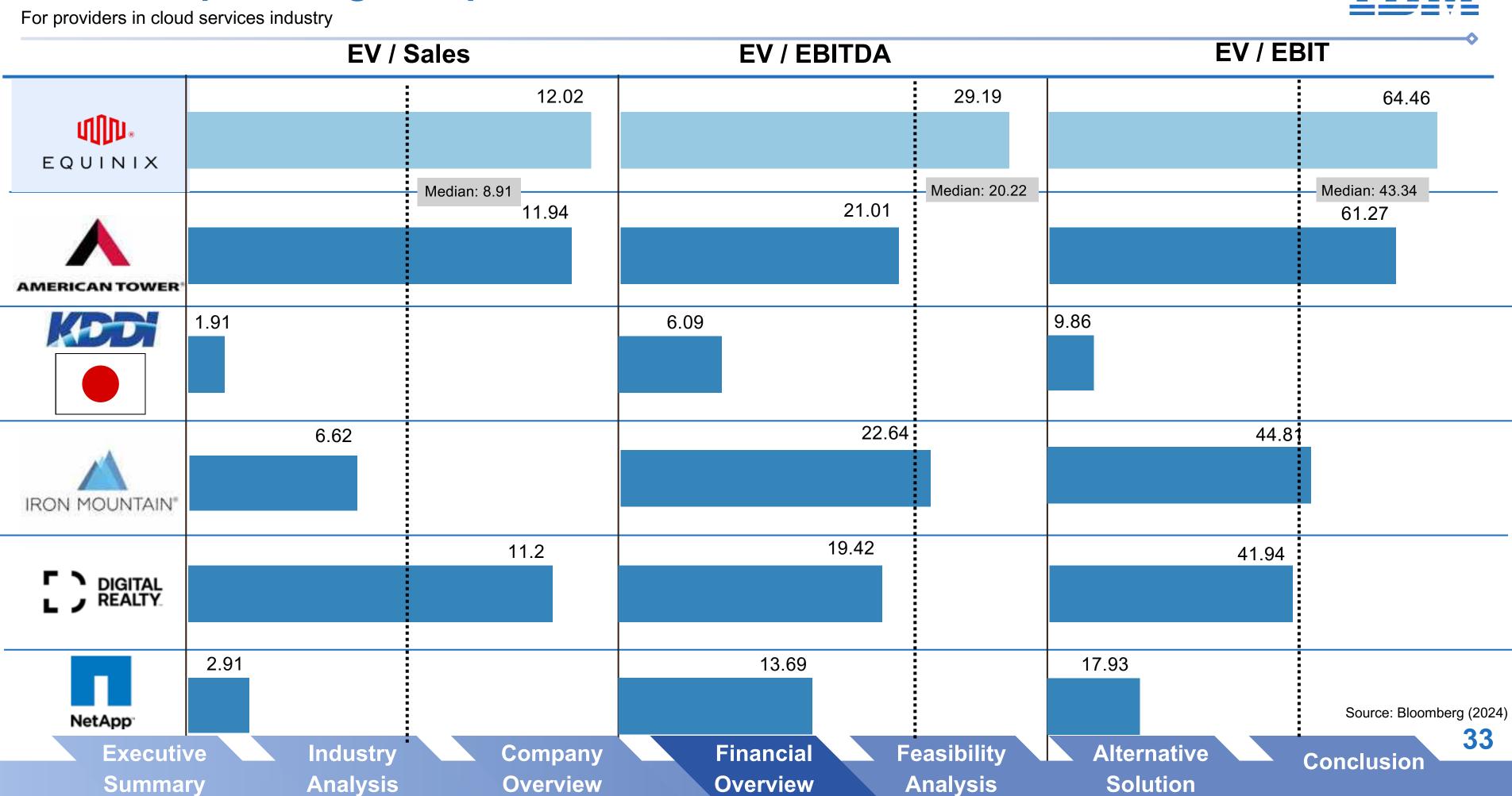
Peer Group Statistical Analysis

Historical enterprise value, market cap, sales, projections for EBITDA, EBIT, and net income margin for the upcoming FY





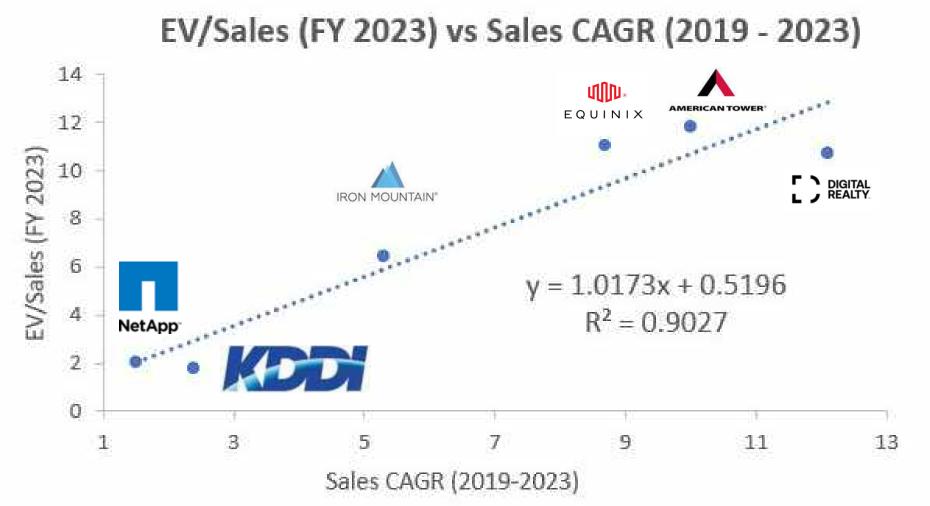
Peer Group Trading Multiples

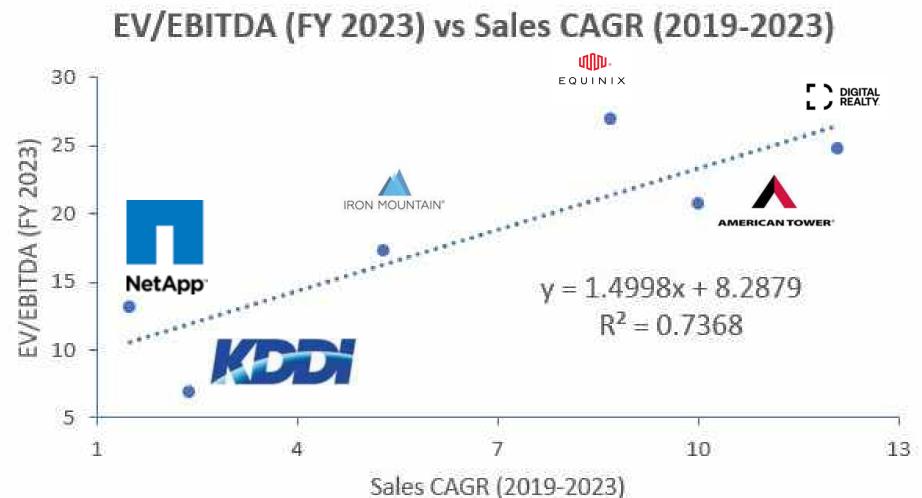


EV/ Sales & EV/EBITDA CAGR

Among its 4 peers, Equinix 's CAGR is higher than only Oracle, yet it has the highest EV/Sales and EV/EBITDA







Key Takeaways

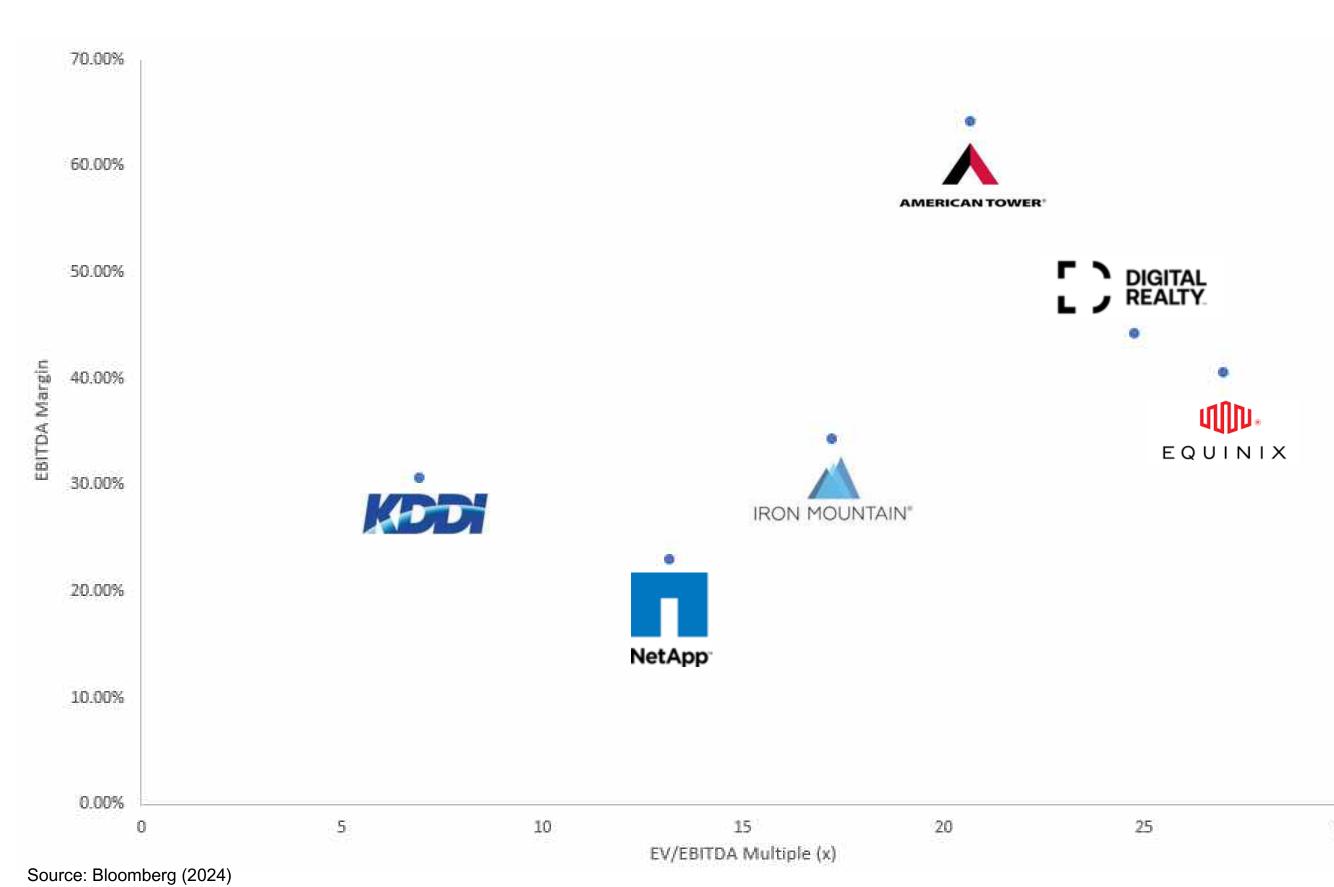
- EV/EBITDA < 10 is considered healthy or undervalued, slightly larger than 10 is acceptable, yet Equinix's EV/EBITDA is 26.97, which is 170% higher than the healthy standard
- Average EV/EBITDA for REIT industry is 19.8x, 36% lower than Equinix's EV/EBITDA
- EV/Sales smaller than 3, or slightly larger than 3, is considered healthy
- Average EV/sales for IT industry is 3.51, and average EV/Sales for REIT industry is 11.74
- Equinix's EV/Sales is 244% larger than that of IT industry, 2.8% larger than the average EV/Sales of REIT industry, and 302% higher than the healthy standard
- Equinix has the highest EV/Sales and EV/EBITDA comparing to its peers, given its EV/EBITDA and EV/Sales are significantly larger than its industry's ratio. However, the statistic shows that its CAGR is lowest among the 5 firms. This may show that Equinix is extremely overvalued

 Source: Bloomberg (2024)

EV/EBITDA 2023 vs 2023 EBITDA Margin

EV/EBITDA Multiples vs. EBITDA Margin for Equinix's peer group





Equinix

- Equinix has the highest EV/EBITDA multiple among the listed companies at 26.97x, with an EBITDA margin of 40.56%
- Indicating this is the most expensive among these companies in terms of how the market values its earnings; its strong EBITDA Margin also reflects a solid business model

American Tower

• With an EV/EBITDA multiple of 20.68x and an EBITDA margin of 64.26%, American Tower appears to be valued at a premium. Its highest EBITDA margin within the group indicates strong operational efficiency and profitability.

Iron Mountain

- Meta has an EV/EBITDA multiple of 17.21x and an EBITDA margin of 34.42%%
- This could suggest that it is less expensive relative to its earnings before interest, taxes, depreciation, and amortization

NetApp

 NetApp has an EV/EBITDA multiple of 13.15x and an EBITDA margin of 23.03%, the second lowest EV/EBITDA ratio among the group, which could mean it is undervalued or that the market has lower growth expectations for it

Digital Realty

- With an EV/EBITDA multiple of 24.77x and an EBITDA margin of 44.23%, Digital Realty appears to be valued higher than its peers
- The second-highest EBITDA margin in the group indicates strong profitability, which could justify the higher valuation

KDDI

- Amazon has an EV/EBITDA multiple of 6.94x and an EBITDA margin of 30.72%. This suggests that it is the least expensive of these companies, potentially offering a value play
- Its reasonable EBITDA margin suggests decent operational efficiency but possibly less focus on the high-margin data center operations

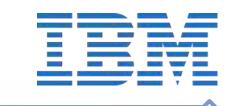
Precedent Digital Infrastructure Analysis

Analysis

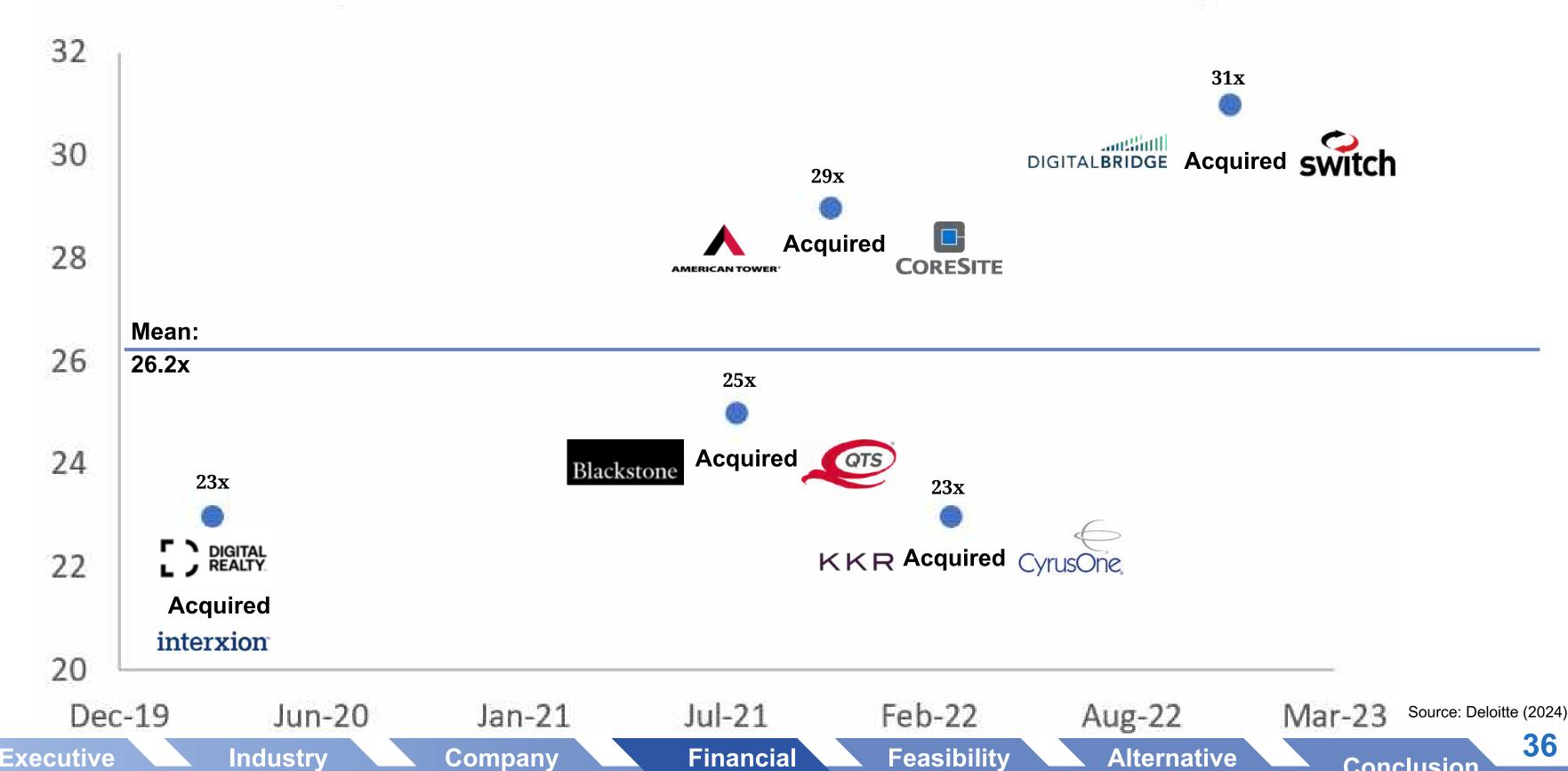
Summary

Overview

Digital infrastructure M&A activity has been slowly trending upward, fetching larger and larger multiples



Past Digital Infrastructure Transaction EBITDA Multiple



Overview

Analysis

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Solution



Financial Performance Forecasts

Business segments and total revenue breakdown through 2028

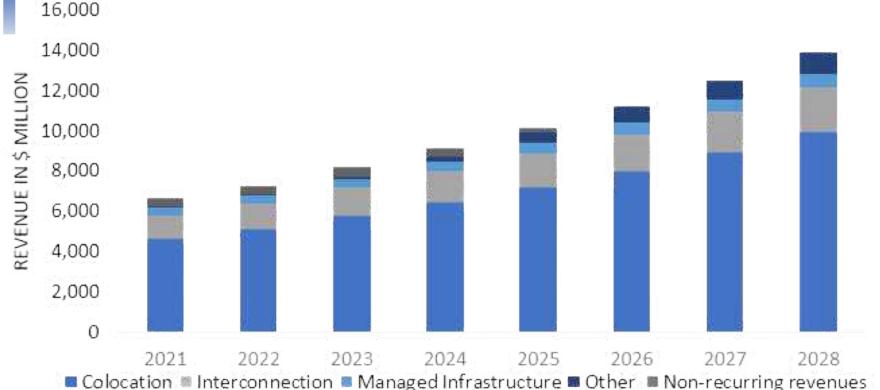


Equinix's revenue projections - assumption (base)

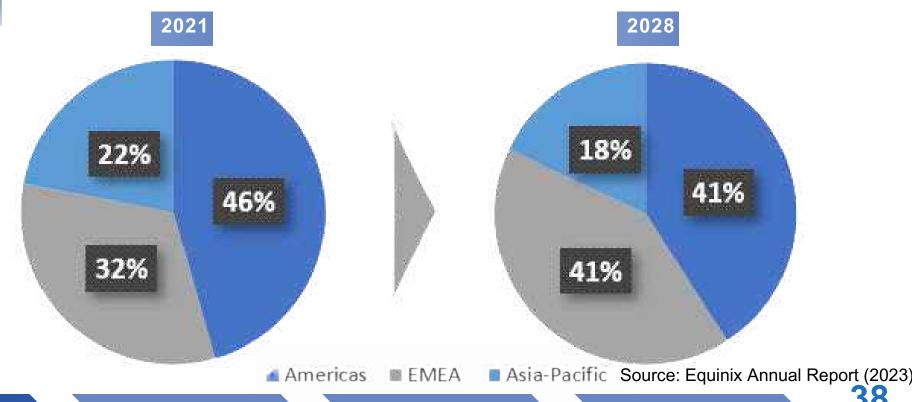
- Over the course of the projected years (through FY28), revenue is expected to grow consistently, as indicated by the CARG of 11.1%
- The expenses are also increasing but appear to be growing at a slower rate than EBIT
- The revenue contribution from different segments shows diversification in the company's business, with Colocation and Interconnection being significant contributors.
- By 2028, there is a reduction in the Asia-Pacific's revenue share, indicating the competitive challenges company will face in this region, while the EMEA's revenue substantially increases and catch up with same level of revenue contribution's Americas

16,000 14,000 11.1% CAGR 12,000 10,000 8,796 8,491 8,000 8,094 7,641 6,000 7,157 6,077 4,000 5,691 2,000 3,132 2021 2022 2023 2024 2025 2026 2027 2028 ■ EBIT (million) ■ Expenses (million)

Revenue projections by segment '21-'28



Revenue projections by geography '21-'28



Executive Summary

Industry **Analysis** Company **Overview**

Financial Overview **Feasibility Analysis**

Revenue projections

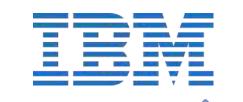
Alternative Solution

Conclusion

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Equinix Discounted Cash Flow (1/2)

Equinix's valuation and FCF projections



In \$000's	2023	2024	2025	2026	2027	2028
	12/30/2023	12/30/2024	12/30/2025	12/30/2026	12/30/2027	12/30/2028
Income before income taxes	1,124,230					
		1,247,895	1,385,164	1,537,532	1,706,660	1,894,393
Interest expense	402,022	442,224	486,447	535,091	588,600	647,460
EBIT	1,526,252	1,694,140	1,880,495	2,087,350	2,316,958	2,571,823
Depreciation	1,636,075	1,816,043	2,015,808	2,237,547	2,483,677	2,756,882
Stock-based compensation	407,536	452,365	502,125	557,359	618,668	686,722
Amortization of intangible asset	209,063	232,060	257,587	285,921	317,372	352,283
Amortization of debt issuance costs and debt discounts and						
premiums	18,718	20,777	23,062	25,599	28,415	31,541
Provision for credit loss allowance	14,835	16,467	18,278	20,289	22,521	24,998
Loss on asset sales	5,046	5,601	6,217	6,901	7,660	8,503
Loss on Debt extinguishment	35	39	43	48	53	59
Other items	41,722	46,311	51,406	57,060	63,337	70,304
Cash paid for taxes	(152,988)	(169,817)	(188,497)	(209,231)	(232,247)	(257,794)
CapEx	(2,781,018)	(3,086,930)	(3,426,492)	(3,803,406)	(4,221,781)	(4,686,177)
Change in working capital	(75,323)	(83,609)	(92,805)	(103,014)	(114,346)	(126,924)
Unlevered FCF	849,953	943,448	1,047,227	1,162,422	1,290,288	1,432,220
Present value of Unlevered FCF	849,953	883,957	919,322	956,102	994,353	1,034,135

Terminal Value (in thousands)		
Free cash flow	1,034,135.00	
Perpetual growth rate	3.70%	
WACC	7.37%	
Terminal Value	21,735,067.68	

- Perpetual growth rate is inflation rate
- Stock-based compensation, provision for credit loss allowance, loss on asset sales, and loss on debt extinguishment are treated as an expense for FCF valuation
- Values enclosed in parenthesis indicate amounts subtracted from the FCF computation

Source: Equinix Annual Report (2023), Bloomberg (2024)

Equinix Discounted Cash Flow (2/2)

Calculation of the weighted average cost of capital (WACC) and DCF sensitivity analysis



Cost Of Equity		
Beta	0.08	
Risk free rate	1.98%	
Equity risk premium	6.0%	
Cost Of Equity	7.818%	

Cost Of Debt	
Average interest rate	2.30%
Interest Expense	402,022
Total Debt	17,460,000
Tax Rate	13.81%
After Tax Cost Of Debt	1.98%

WACC	
Cost of equity	0.0782
Cost of Debt	1.98%
Effective tax rate	13.81%
WACC	6.73%

Source: Equinix Annual Report (2023), Bloomberg (2024)

Perpetuity and Exit EBITDA Multiple Approach

Exit EBITDA Multiple Approach		
Terminal year EBITDA	5,681	
Terminal value EBITDA multiple	29.300x	
Terminal value	166,453	
Present value of terminal value	120,171	
Present value of stage 1 cash flows	5,638	
Enterpirse value	125,808	
Implied TV perpetual growth rate	5.77%	

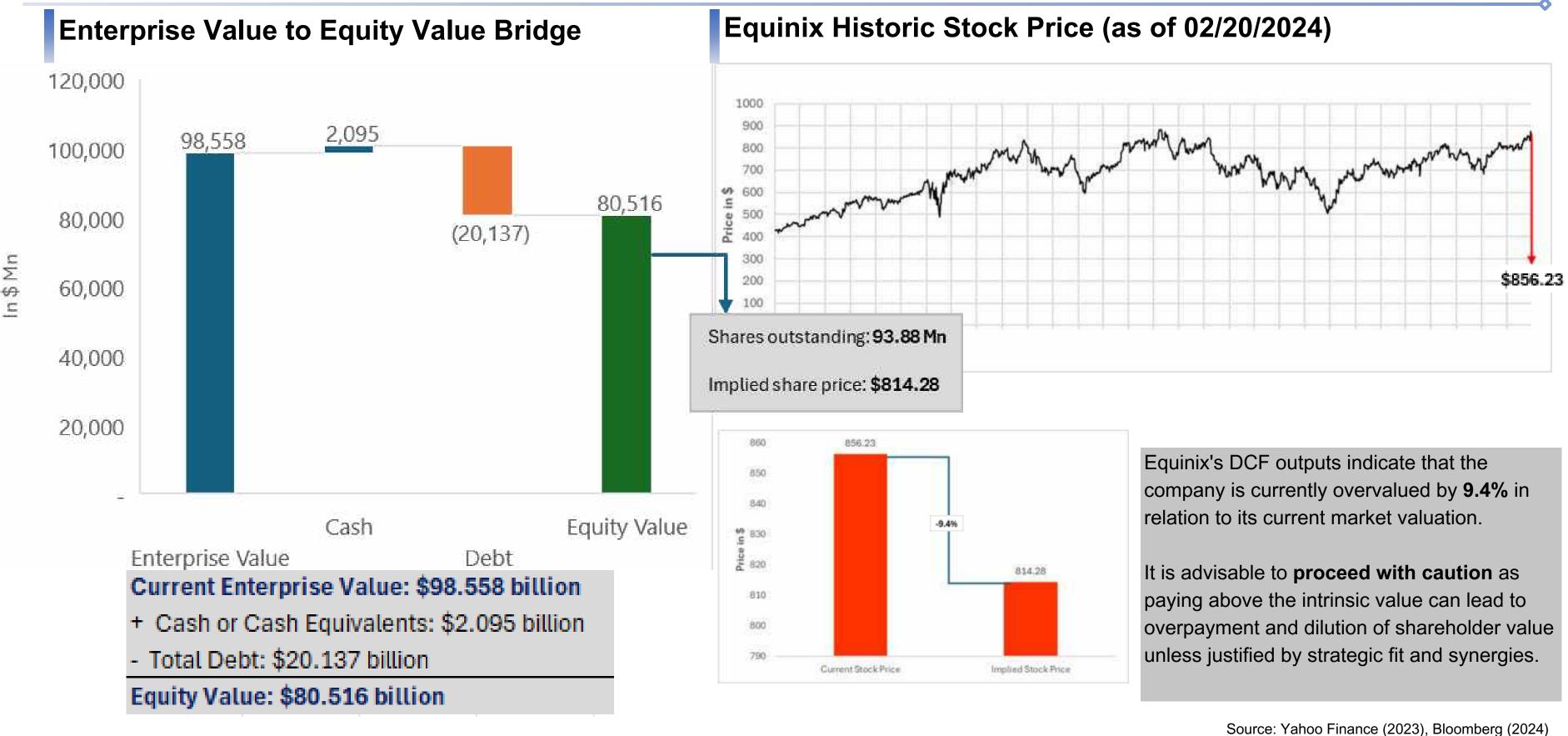
Perpetuity Approach		
FCF in Last Forecast Period	1,432	
FCF t+1	1,590	
Long term growth rate (g)	5.77%	
Terminal value	165,085	
Present value of terminal value	119,183	
Present value of stage 1 cash flows	5,638	
Enterprise value	124,820	
Implied TV exit EBITDA multiple	29.300x	

- The Weighted Average Cost of Capital (WACC) represents return to lenders and shareholders
- WACC of 6.73% represents the required rate of return (discount rate) necessary for DCF analysis
- This also represents the fact that the company must pay investors an average of \$0.0673 for every \$1.00 received in funding

Equinix Fair Enterprise Value Determination

Enterprise value to equity value bridge and compare intrinsic value vs. actual price







Potential Synergies Overview

Enterprise value to equity value bridge and compare intrinsic value vs. actual price

V	F		▼	

	Possible Synergies	Duration	Reasoning
Cost Synergies	 Operation efficiency R&D Infrastructure and facility Global expansion 	1-10 years	More streamlined operation, assembled workforce, economies of scale, advantage of Equinix's footprint globally, use of patents and license
Revenue Synergies	 Cross-selling opportunities Improved service offerings R&D Global expansion 	3-8 years	Equinix's large customer base of enterprises and strong presence in key markets around the world

Post Merger

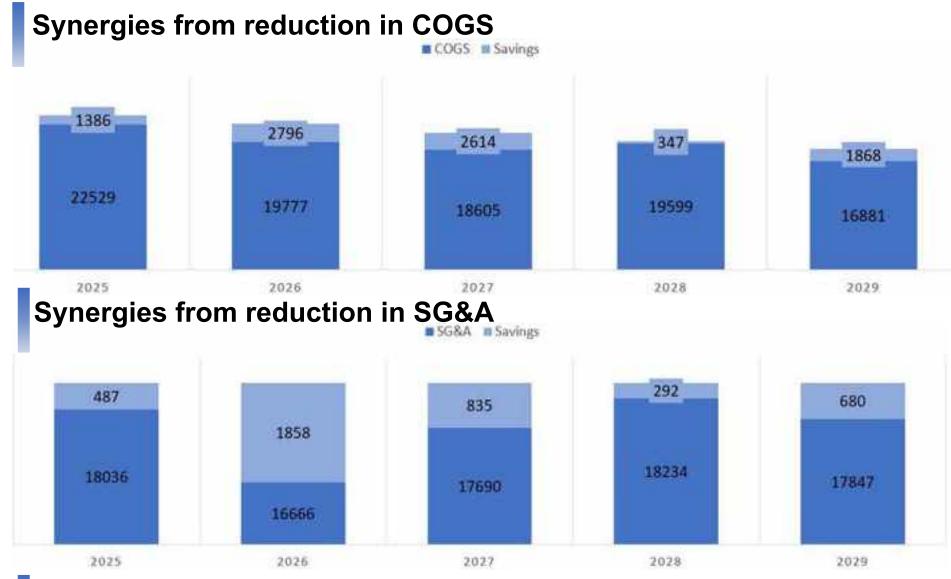
- IBM expands its footprint more to APAC and EMEA countries that Equinix has already owned its data center
- + APAC countries: Malaysia, Indonesia
- + EMEA countries: Switzerland, UAE, Ghana, Finland, Ireland, Nigeria, Oman, Poland, Portugal, South Africa, Sweden, Turkey
 - Broader range of services portfolio, particularly in cloud and data center service
 - Integration of Equinix's interconnection and data center technologies with IBM's cloud offerings leading to more robust and efficient services

Source: IBM (2023), Equinix (2023), Bloomberg (2024)

Quantified Synergies - COGS, SG&A, CapEx

As an integrated company, Equinix will experience cost saving synergies amounting to a NPV of \$11,877 mm





Cost of Goods Sold

Economies of scale arise in larger volume purchase and production, increase in bargaining power due to the expanded scale of the entity

<u>NPV</u>

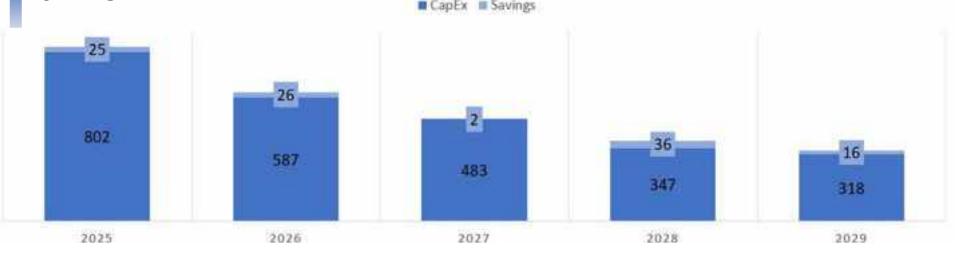
\$8187.9

MM

Selling, General and administrative expense
Elimination of overlapping workforce,
espeicially in administrative role, streamline
operation, leading to faster processing time and
lower labor cost

NPV \$3598 MM

Synergies from reduction in CapEx



Capital Expenditures

Benefits from Equinix's characteristics as a REIT, which include available real estate worldwide, possibility of consolidating offices and data centers where there is geographical overlap, more efficient allocation of resources, such as equipment

<u>NPV</u> \$91

MM

Source: Equinix Annual Report (2023), Bloomberg (2024)

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Quantified Synergies - OpEx, R&D

Maximizing cost synergies: IBM's acquisition of Softlayer as a blueprint for future tech mergers



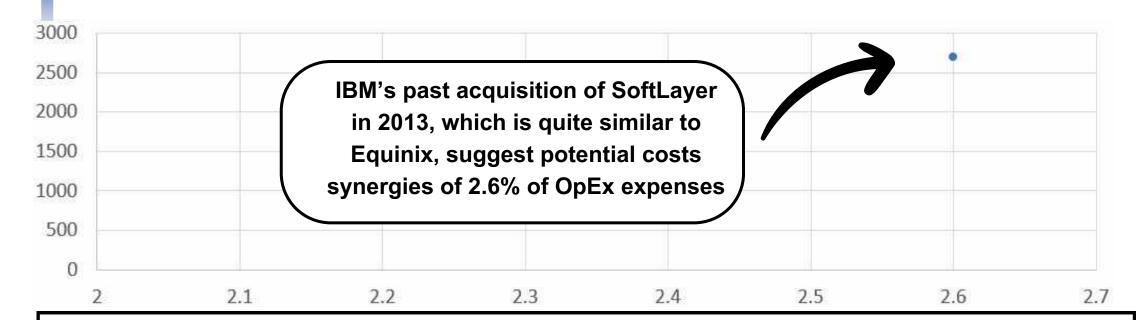


Research and Development

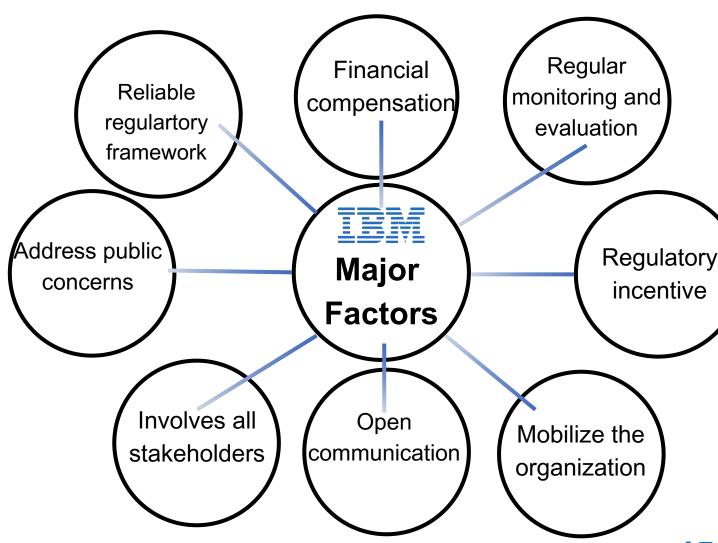
Accelerate the time-to-market for new technologies and services, shared knowledge and expertise, access to larger intellectual property portfolio, elimination of redundant efforts, enhance R&D facility

NPV \$1287.9 MM

IBM acquisition of SoftLayer in the past suggest postitive cost synergies



Achieving cost synergies



- Among IBM's precedent acquisitions, **SoftLayer is most like Equinix**. Both operate within the data center and cloud service industry
- The cost synergies of 2.6% of operating expense estimate suggests that IBM could save at least 2690 MM in 5 years if it acquires Equinix (Bear Case)

Source: IBM Annual Report (2023), Equinix Annual Report (2023), Bloomberg (2024)

Executive Summary

Industry Analysis

Company Overview

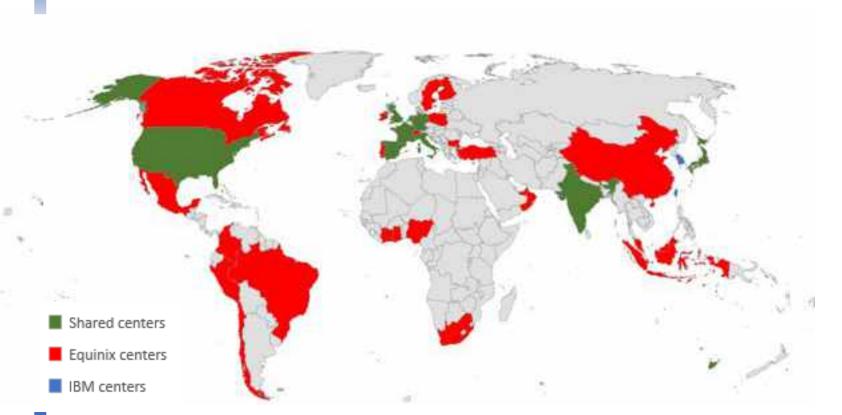
Financial Overview

Feasibility Analysis Alternative Solution

Compare Revenue Synergies to Standalone Combining operations allows for more latency capabilities and agility as well as revenue boost



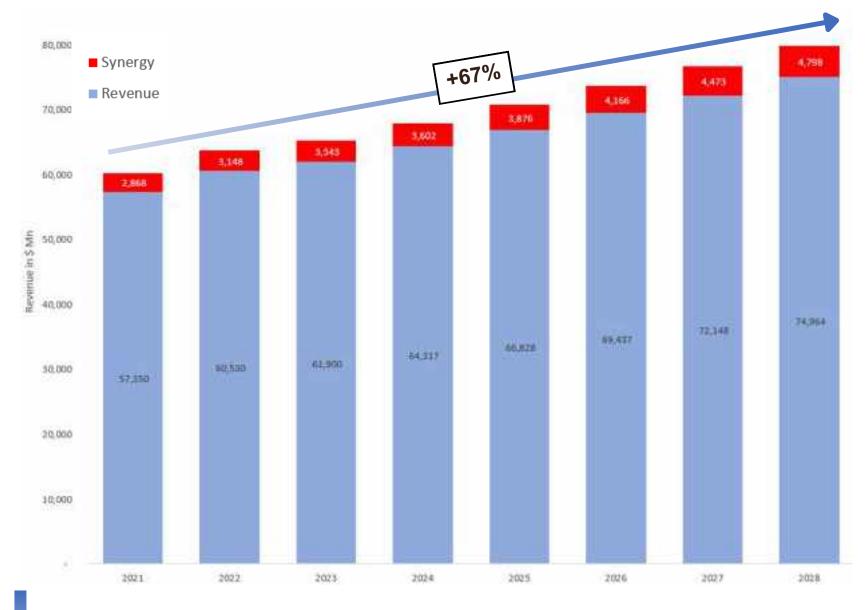
Global Data Centers and Network Locations



Market Growth of Equinix in %



Synergies from increase in IBM Revenues



Revenues

- · Accelerated revenue growth through a premier customer base
- A major factor is Equinix's data center network transnational
- ~80% revenue spike in the acquisition year
- +3 global data center locations globally, contributing to the revenue spike

Source: IBM Annual Report (2023), Equinix Annual Report (2023), Bloomberg (2024)

Financial Overview

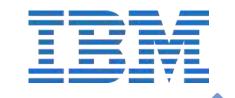
Overview

Feasibility Analysis

Alternative Solution

Revenue Synergies from Economies of Scale

Maximizing revenue growth through acquisition and integration with Equinix





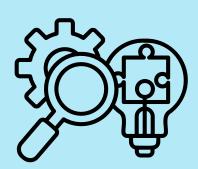
Cross-selling opportunities

- Equinix has a large customer base of enterprises using its data center and interconnection services. Through a strategic partnership, IBM could offer its cloud services, such as IBM Cloud, IBM Watson, or Red Hat OpenShift, to these customers
- Both companies receive the benefits of combining Equinix's reliable infrastructure with IBM's advanced cloud solutions, thus more opportunity for revenue growth



Joint R&D

- IBM and Equinix could collaborate to develop a new hybrid cloud solution tailored to the needs of enterprises. Equinix's data centers could serve as a strategic location for deploying IBM's cloud services, providing low-latency, high-performance connectivity
- The two companies would be able to create a bundled offering that includes IBM's cloud services and Equinix's interconnection services, attracting clients looking for secure hybrid cloud solutions



Improved service offerings

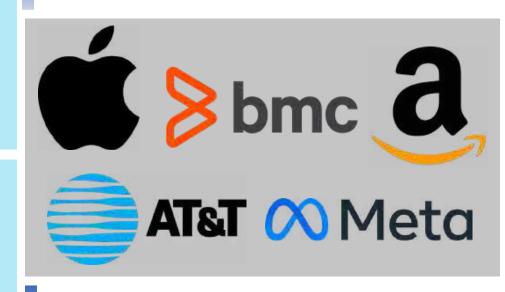
- Equinix's interconnection services, such as Equinix Cloud Exchange Fabric (ECX Fabric), could enhance the performance and reliability of IBM's cloud services
- IBM could use ECX Fabric to provide direct and secure connections between its cloud data centers and customer environments hosted in Equinix data centers
- This improved connectivity could make IBM's cloud services more attractive to customers with highperformance requirements



Global Expansion

• Equinix has a strong presence in key markets around the world, including major cities in North America, Europe, and Asia-Pacific. By partnering with Equinix, IBM could quickly expand its reach into these markets, where Equinix's data centers are already established.





Joint Operations

Equinix's Offerings



IBM's **Services**











Source: IBM (2023), Equinix (2023), Bloomberg (2024)



IBM's Past Acquisition

An acquisition of EQUINIX would be an extreme outliers in terms of IBM's acquisition price range. Also, EQUINIX is considered as an overvalued company







*Key statistical information on the acquisition deals made by IBM from 2001 to 2023 (from 39 disclosed companies among 190 acquired companies)

2020

Source: Wikipedia (2024)

2012

\$1,000

\$500

\$-

Key insights from IBM's past acquisitions

Focused Industry

- Software and Technology:
- Consulting and Business Services: database software, identity management, enterprise storage, business intelligence, content management software
- Healthcare and Life Sciences
- Other specialized industries

Company size & Stage of company

- Size: Midsize to large companies
- Stage of companies: well-established in their respective fields with a developed product or service line

CONCLUSION

- Strategic fit: Equinix expands IBM's digital infrastructure footprint and strengthens Hybrid Cloud Strategy.
- Equinix has well-established services
- HOWEVER, Equinix doesn't align with IBM's acquisition price range. It's overvalued at over \$80 billion enterprise value, significantly higher than Red Hat's acquisition price of \$34 billion. Additionally, Equinix's current stock price of over \$900, suggesting an overvalued stock.

Eiberlink

\$330

2014

\$1,000

bluewolf

\$200

2016

2018

2022

2024

Antitrust Regulation

IBM's acquisition of Equinix, significantly raising HHI, will likely prompt the Federal Trade Commission (FTC)

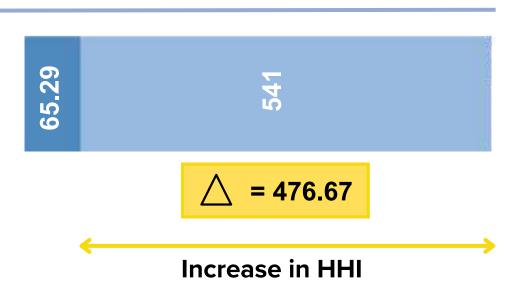


Concentration analysis

Herfindahl-Hirschman index for selected US markets

Market position context:

- IBM's laaS Market Share: 8.08%
- Equinix's Data Center Colocation Share: 15.2%
- We believe there is a strong connection between laaS Growth & Data Center Expansion



Three major US Antitrust laws currently prevent the development of monopolies

- The Hart-Scott-Rodino Antitrust Improvements Act of 1976: states that acquisitions involving companies of a certain size cannot be completed until certain information is provided to the federal government and a specified waiting period has elapsed
- The Clayton Act of 1914: makes it illegal for one company to purchase the stock of another company if their combination results in reduced competition within the industry at large
- The Sherman Act of 1890: prohibits new business combinations and stock purchases that lead to the creation of a monopoly

The HHI

$$HHI = \sum_{i=1}^N (MS_i)^2$$

The HHI is a common measure of market concentration and is used to determine market competitiveness, often pre- and post M&A transactions.

Conclusion

The following acquisition increases the HHI of IBM by 476.67 points, far exceeding the 200point threshold for regulatory concern. This substantial rise in market concentration is likely to prompt rigorous antitrust scrutiny.

Source: IBM Annual Report (2023), Investopedia (2024)

Executive Industry Summary **Analysis**

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Alternative Solution

IBM Downgrade Risk Post-Equinix Acquisition

IBM faces massive downgrade risk in almost every acquisition debt financing scenario





100% Debt	
Pro Forma Moody's-adjusted EBITDA Breakdo	own
FY	2023
Reported pro-forma pre-tax income	10,300
Add back interest expense	900
Add back D&A	2,800
Reported pro-forma EBITDA	14,000
Stock-based compensation adjustment	1,100
Workforce rebalancing adjustment	400
Corporate (gains)/charges adjustment	(100)
Adjusted pro-forma EBITDA	15,400

Moody's-adjusted Debt Breakdown FY	2023
Total unadjusted debt	112,600
100% debt financing of Equinix	80,500
Debt financing adjustment	(12,000)
Total adjusted pro forma debt	181,100
Moody's adjusted pro-forma debt to EBITDA	11.8x

DOWNGRADE to Caa1

IBM's credit rating

If IBM were to acquire Equinix at the below levels of debt, the company would be at risk of being downgraded by Moody's and S&P Global

50% Debt	
Pro Forma Moody's-adjusted EBITDA Break	down
FY	2023
Reported pro-forma pre-tax income	10,300
Add back interest expense	900
Add back D&A	2,800
Reported pro-forma EBITDA	14,000
Stock-based compensation adjustment	1,100
Workforce rebalancing adjustment	400
Corporate (gains)/charges adjustment	(100)
Adjusted pro-forma EBITDA	15,400

FY	2023
Total unadjusted debt	112,600
100% debt financing of Equinix	40,250
Debt financing adjustment	(12,000)
Total adjusted pro forma debt	140,850
Moody's adjusted pro-forma debt to EBITDA	

DOWNGRADE to B1

Moody's	3.8x
S&P Global	3.5x

25% Debt	
Pro Forma Moody's-adjusted EBITDA Breakd	own
FY	2023
Reported pro-forma pre-tax income	10,300
Add back interest expense	900
Add back D&A	2,800
Reported pro-forma EBITDA	14,000
Stock-based compensation adjustment	1,100
Workforce rebalancing adjustment	400
Corporate (gains)/charges adjustment	(100)
Adjusted pro-forma EBITDA	15,400

FY Total unadjusted debt	2023 112,600
100% debt financing of Equinix	20,125
Debt financing adjustment	(12,000)
Total adjusted pro forma debt	120,725

DOWNGRADE to Ba3

Source: IBM Annual Report (2023)

Financing Scenario Analysis

After analyzing three different structures for this acquisition, none are feasible or logical

Debt Financing

- By financing this acquisition with 100% debt using 20-year notes market, there would be substantial impacts on IBM's financial leverage
- IBM's Adjusted Debt/EBITDA ratio could increase significantly by 8.3x, potentially leading to a downgrade in their credit rating to Caa1
- Due to these, debt financing may not be a feasible option for IBM

√ No impact on shareholder dilution & receive tax benefits

- √ The cost of debt financing could be cheaper than equity financing
- ✓ IBM, as a market leader in the tech industry, has strong negotiating power with lenders, potentially securing favorable loan terms

☑ A downgrade in credit rating

- ☑ High leverage for acquiring a business that may not yield proportionate returns
- ☑ Increased default risk, potentially concerning investors across both debt and equity sectors

Equity Financing

- To finance this acquisition with 100% equity, IBM would have to issue over 419 million shares resulting in a 0.56% dilutive effect to pro forma EPS
- Cloud services providers have an average cost of equity of 9.5% vs the total market average of 8.48%
- For existing shareholders, dilution reduces their ownership percentage in the company, which might not be favorable
- √ Credit rating is not affected by changes to Debt/EBITDA ratio
- √ Utilizing equity financing means IBM wouldn't take on additional debt, avoiding interest expenses that come with debt financing
- ✓ IBM retains its liquidity for other uses, such as funding operations or other strategic acquisitions
- ☑ Around 33% of shares are held by institutions leaving many parties to be negotiated with
 ☑ 100% equity would require issuing 419 Mm shares to be issued roughly 46% of current shares outstanding
- ☑ In a 60/40 consideration, IBM would need to issue 167.6 MM shares to acquire Equinix

Equity / Cash Hybrid

- By financing this acquisition with 40% debt and 60% equity, there would be **dilutive to EPS by 0.34%**
- A combination of debt and equity reap the benefits of both. Maintaining ownership by issuing equity while lowering your cost of capital by debt financing
- While this structure is the most favorable, the deal size is still too large to mitigate the negatives with any structure
- ✓ Reduced default risk on massive debt load
- √ WACC is not significantly affected as debt and equity considerations are not stretched to their limits
- ✓ Build confidence among investors, creditors, and other stakeholders.

☑ In the scenario with the lowest cash consideration of 1%, this requires Siemens to hand over \$850 MM
 ☑ Debt is necessary for this deal as IBM does not

- have enough cash on hand to purchase Equinix with cash alone
- ☑ If IBM used all their cash (~\$13 Bn), they would still need to raise almost ~\$67.5 Bn to seal the deal

Other Dimensions

Outlined critical risks in the acquisition, particularly in integrating leadership, culture, and managing Equinix's unique REIT structure post-integration



Customer perception **Description**

Area of concern

Threat assessment

Risk level

Change in brand perception postacquisition

Equinix's brand identity and customer trust

Equinix customers may worry about IBM shifting focus away from core data center services, risking long-term relationships customer

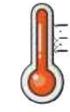


Ownership/ Leadership structure

Differing leadership structures and shareholder

Organizational structure and shareholder management

IBM's structured approach might conflict with Equinix's more flexible style. It's difficult to balance the interests of Equinix's diverse shareholders



Layoffs

Potential job cuts and organizational restructuring

Employee morale and productivity

The fear of redundancies post-merger could create stress and uncertainty among Equinix employees, possibly leading to reduced productivity



Cultural and **HR** obstruction Mismatch in corporate cultures and human resources practices

Cultural Integration and HR Management

The significant differences in corporate culture and practices between IBM and Equinix may result in employee dissatisfaction and resistance.



Challenges in managing **EQUINIX's REIT**

Adjusting to the financial and regulatory requirements of REIT

Equinix's brand identity and customer trust

Managing Equinix as a REIT requires IBM to navigate unique financial and regulatory landscapes, with risks of legal and financial consequences if mismanaged



Executive Summary

Industry **Analysis** Company **Overview**

Financial Overview **Feasibility Analysis**

Alternative Solution

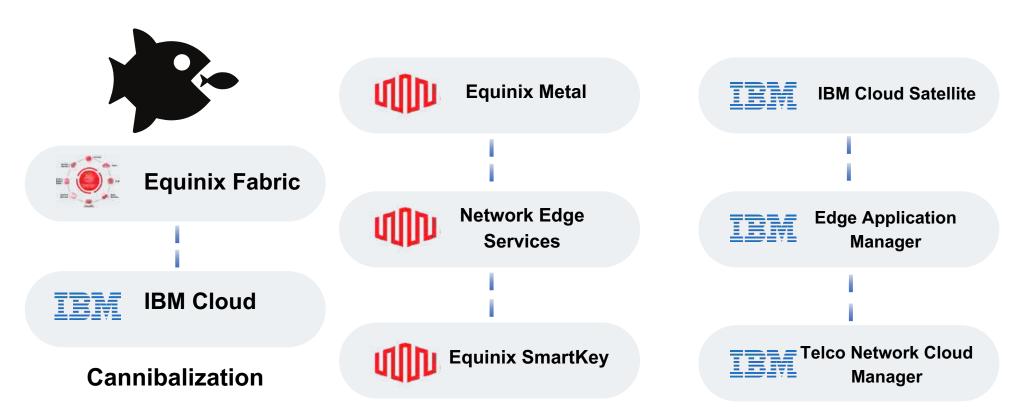
Source: IBM (2023), Equinix (2023) **53**

IBM and **Equinix** Don't Fit

If IBM were to acquire Equinix, there are concerns of cannibalization and Trust Regulations



Post-acquisition, IBM might face internal competition between its services and those offered by Equinix



Loss of customer due to loss of vendor neutrality, discouraging competitive dynamics and innovation

- Equinix (pre-acquisition:):Vender Neutrality
- Broard Ecosystem
- Diverse Customer based

Bias toward IBM

Overlap

Strained IBM Partnerships

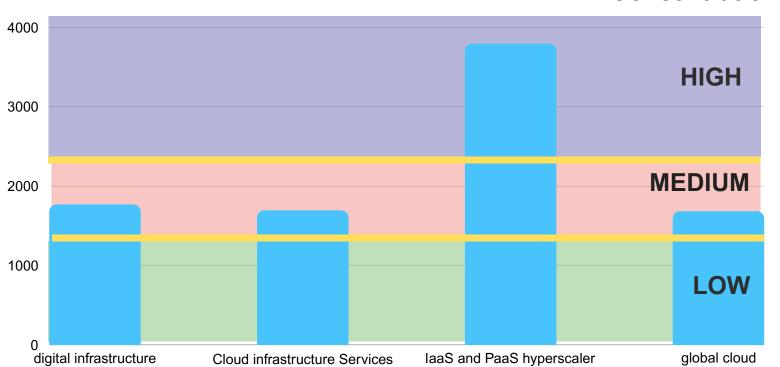
Clients Trust Concerns IBM (post-acquisition:):

- IBM Tech and Services
- Specific Partnership
- Aligned Customer based

While IBM is a leader in laaS and PaaS infrastructure...

Analysis of concentration of various markets
Herfindahl-Hirschman index for selected US market

Concentration Level

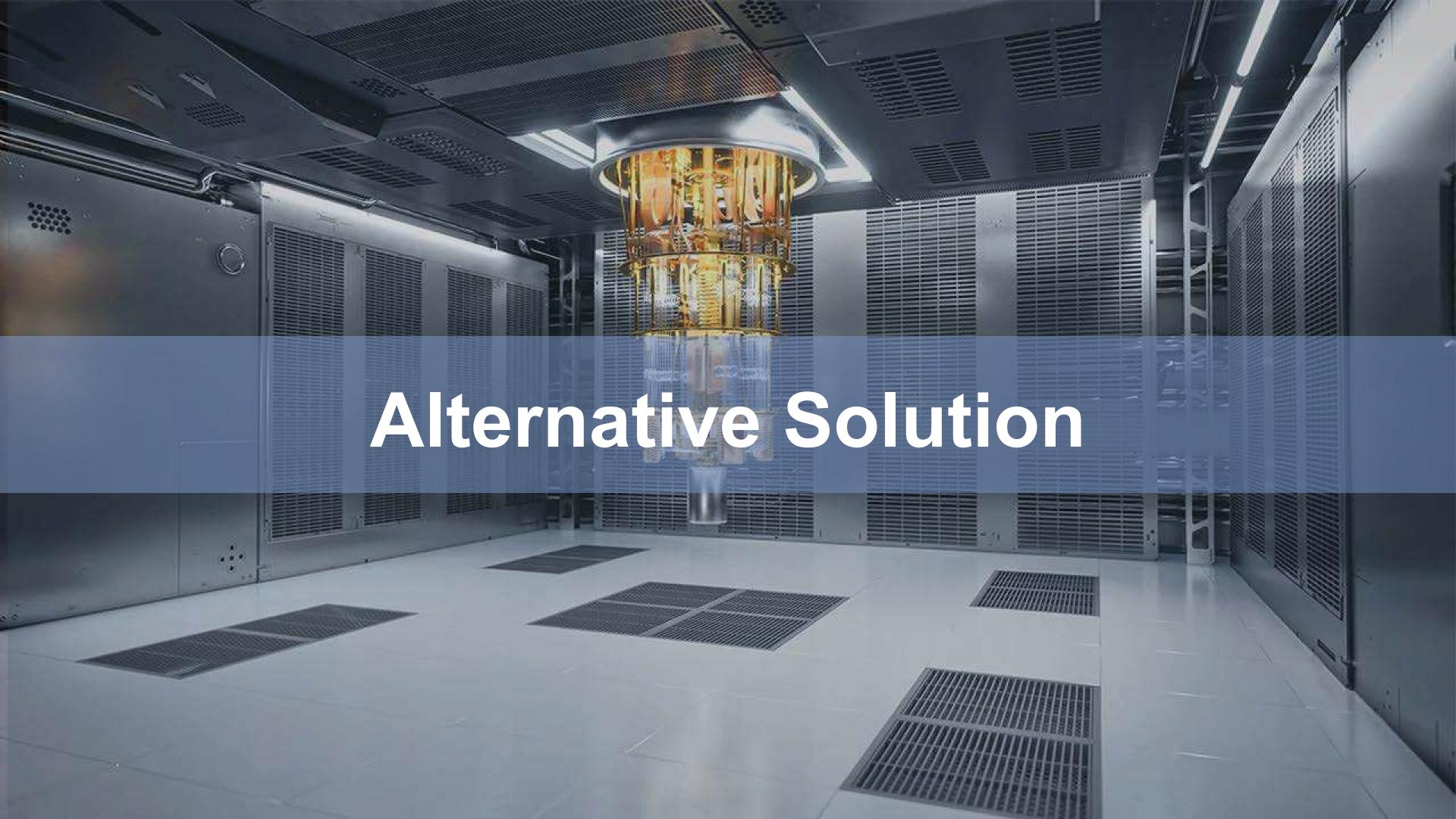


...the Federal Trade Commission may NOT approve a merger based on HHI

- laaS and PaaS Hyperscaler industry has a Herfindahl-Hirschman Index of 476.67 which is considered by antitrust regulations to be highly concentrated
- With Equinix as the world's digital infrastructure company, A merger between two companies will increase HHI
- The merger would raise antitrust concerns, as Section 5.3 of the Horizontal Merger Guidelines jointly issued by the Justice Department and the Federal Trade Commission

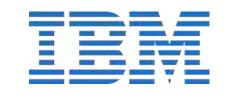
Source: (Statista, 2024),(Equinix, 2023), (IBM, 2023)

54



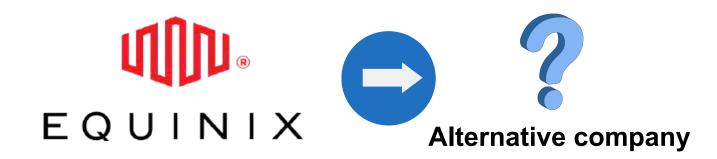
Criteria for IBM's Alternative Company For Acquisition

Establishing key parameters for selecting IBM's ideal acquisition company





- In evaluating alternatives to Equinix for IBM's acquisition, we focused on key factors crucial for IBM's expansion in digital infrastructure and hybrid cloud services.
- Equinix, despite its potential, didn't meet IBM's criteria due to its high market capitalization and overvaluation, leading us to establish specific criteria for a more suitable acquisition target.



Why Equinix is not the good choice

- High market capitalization: Equinix's market capitalization of \$80.5
 billion creates a significant financial burden, stretching beyond IBM's ideal acquisition budget.
- Overvaluation: The current market valuation of Equinix exceeds its intrinsic value, posing a financial risk for IBM
- Despite its drawbacks, Equinix does demonstrate strengths aligned with IBM's needs, notably owning data centers in strategic locations and maintaining a broad global presence, both crucial for supporting IBM's digital and cloud infrastructure

Criteria for selecting an alternative company

- Market capitalization: Preferably less than \$5 billion, aligning with IBM's past acquisition strategies and financial comfort zone.
- Valuation: Fair or undervalued, guaranteeing a financially wise investment for IBM.
- Data center expertise: Owning and effectively using data centers to enhance digital and cloud services in tech industry.
- Global presence: A wide-reaching network of data centers, aiding IBM's global operations and growth.

Source: IBM Annual Report(2023), Equinix Annual Report (2023), Bloomberg (2024)

Other Targets Satisfy IBM's Capacity and Long-term Goals

Due to the market size of Equinix, IBM should not acquire it to avoid internal competition

	Relevance and Rationale	Offerings Alignment	Strategic Feasibility	Financial Feasibility	Decision
VEXTDC	 State-of-the-art facilities and data center solutions provide crucial infrastructure components for IBM's cloud services Enhance the delivery and scalability of cloud offerings, ensuring reliable and high-performance services for their client 				Valuation: \$9Bn, relatively largeOverlapping global footprints
DIGITAL REALTY	 Access a network of data centers across various geographies, allowing for the expansion in key markets Their networks enable different connectivity options, allowing customers to easily connect to multiple cloud providers 	y			 Valuation: \$47Bn, too large Impact IBM's ability to invest in other strategic initiatives
cologix	 Leading provider of colocation services, offering secure and reliable data center facilities Strong presence in edge markets, which are becoming increasingly important for delivering low-latency services 				 Valuation: \$4Bn, relatively reasonable IBM already has a strong presence in markets where Cologix operates
Keppel DC REIT	 Leading data center real estate investment trust, owning and managing a portfolio of data center properties Data centers are located in key markets around the world where IBM hasn't been recognized as a key player, including Asia Pacific and Europe 				 Valuation: \$3Bn, in line with precedents Complimentary to IBM's strategies

Executive Summary

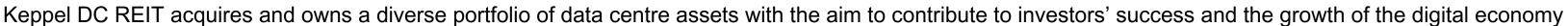
Industry Analysis Company Overview

Financial Overview

Feasibility
Analysis

Alternative Solution

Keppel DC REIT Overview (1/2)



Segment Overview

- Keppel DC REIT is the first pure-play data centre REIT in Asia with diverse and high-quality portfolio of data centre assets in key international data centre hubs
- It aims to provide investors with regular and stable distributions by investing in income-producing data centers and related assets
- It seeks for potential **new sustainable growth** opportunities including Keppel Data Centres' Floating Data Centre Park project
- Keppel DC REIT is managed by Keppel DC REIT Management Pte. Ltd. (the Manager) and is sponsored by Keppel



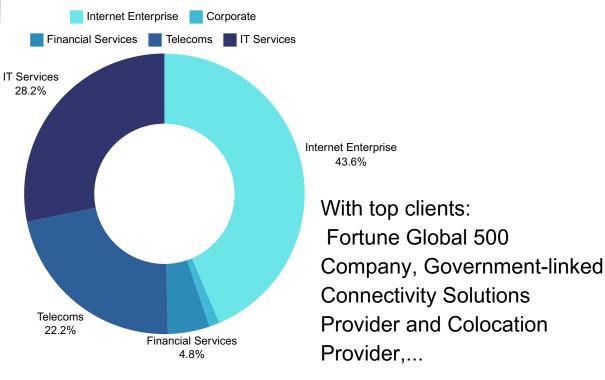
23 Data centers across nine countries





- Singapore
- Australia
- China
- Malaysia

Diversified global glient base



Diversified Portfolio Growth with Strong Asia Pacific Presence

IPO with 8 assets across 6 countries

AUM: \$1.0b

 Keppel DC Singapore 3

 Keppel DC Dublin 2 (Ireland)

Intellicentre 2

(Australia)

Milan

Cardiff

 Kelsterback (Germany)

2018

 Amsterdam (The Netherlands)

 Guangdong Data Centres 2 & 3 (China)

Ireland

The Netherland

United Kingdom

Italy

 London Investment in NetCo

bonds

2021

- Intellicentre 3 maincubes (Australia) • Eindhoven (The (Germanny)
- Keppel DC Netherlands) Singapore 5 Guangdong Data
- DC1 (Singapore) Center 1 (China)

23 assets across 9 countries

2024

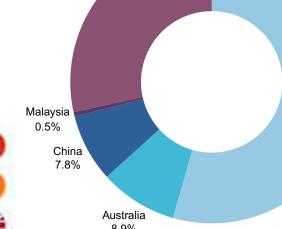


Europe

AUM: \$3.7b

APAC: 71.8%

Europe:28.2%



Increasing demand in data center with healthy portfolio occupancy



Source: (Keppel DC REIT, 2023), (Investopedia, 2023), (Statista, 2024)

Executive Summary

2015

Industry **Analysis** Company **Overview**

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Alternative Solution

Keppel DC REIT Overview (2/2)

Keppel DC REIT is a mission-driven organization that prioritizes ESG practices in collaboration with its partners



2023 Key Highlights



FY 2023 Financial Performance

Distributable Income

\$167.7m

for FY 2023.

Positive reversions and escalations offset by higher finance costs and loss allowance provision



Diversified Portfolio Supported by **Macrotrends**

Demand Drivers for Data Centres



Cloud-based Services



Internet of Things



Artificial Intelligence



Proactive Capital Management for Growth

Potential Assets for Acquisitions

>\$2B

Data centre assets under development & management through Keppel (including Keppel T&T5), and Keppel's private data centre funds

Key customers and suppliers



Customers

🧐 macquarie

TEMASEK

HOLDINGS

Suppliers

Sustainability at the heart of its strategies



Environmential Focus

- Achieve a 50% reduction for Scope 1 and Scope 2 emissions by 2030, from 2019
- Introduce renewable energy (RE) to \geq 50% of colocation assets by 2030
- Achieve ≥ 10% reduction in effective Power Usage CLIMATE Effectiveness (PUE)

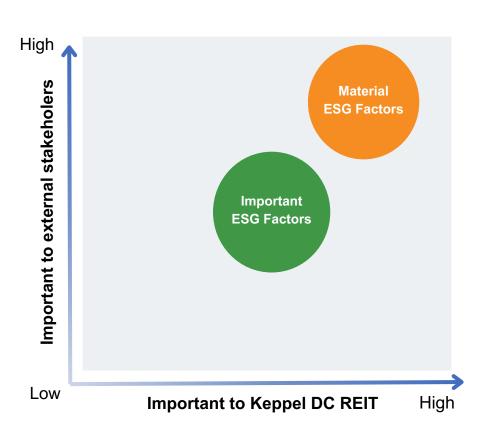
Responsible Business

- ~ 750 engagements with analysts and institutional investors & > 1,200 engagements with retail investors
- · Upheld strong corporate governance as well as high standards of ethical business conduct



Responsible Business

- ~ 750 engagements with analysts and institutional investors & > 1,200 engagements with retail investors
- Upheld strong corporate governance as well as high standards of ethical business conduct



Source: (Keppel DC REIT, 2023), (Bloomberg, 2023), (Statista, 2024)

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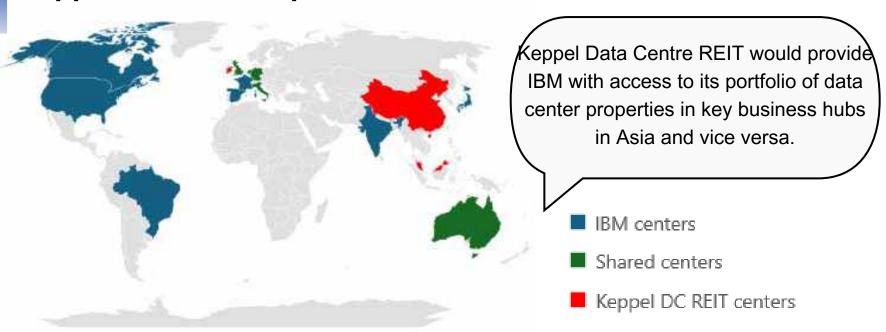
Alternative Solution

IBM and Keppel DC REIT | A Perfect Fit

This is a winning deal for both Keppel DC REIT and IBM with mutual-support

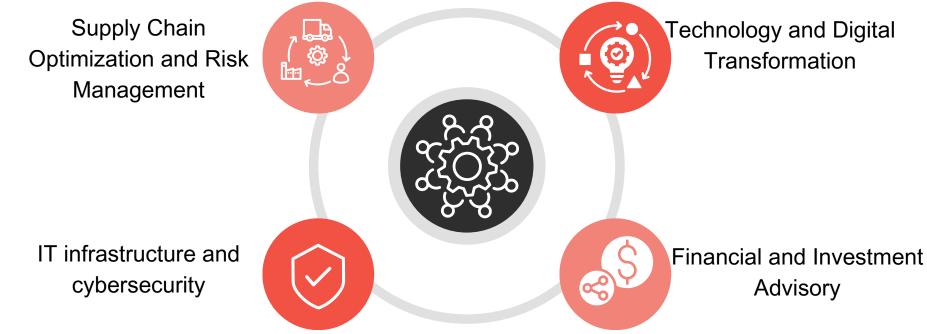


Keppel DC REIT helps increase IBM Global Reach...



This increased capacity would enable IBM to offer its cloud services to more customers in diverse regions, supporting the expansion of its cloud business

IBM supports Keppel as with a diverse portfolio in Cloud and Al



...to three potential Asia markets

Guangdong, China Guangdong

- Guangdong is a key location for Chinese internet companies
- The estimated New demand CAGR is 24.8% between 2022 and 2026

Dublin, Ireland



- Dublin is highly attractive to the hyperscalers, with a favourable tax and regulatory regime
- The estimated New demand CAGR is **16.8%** between 2022 and 2026

Cyberjaya, Malaysia



- Cyberjaya, with Kuala Lumpur, accounts for over 75% of the data centre capacity in the country
- The estimated New demand CAGR is 19.3% between 2022 and 2026

Post merger synergies



Source: (Keppel DC REIT, 2023), (Bloomberg, 2023), (IBM, 2024)

60

IBM and Keppel DC REIT | A Win-Win

Both companies benefits from each others as experts in digital and data center innovation with the same goal of sustainability



IBM offers data centers modernization for Keppel DC REIT with hybrid cloud for Al

IBM Turbonomic

- Proactive capacity
 VM
 management
 rightsizing
- Optimized super clusters
- Continuous compute placement
- Continuous storage placement

IBM Products



IBM Could scale resources to meet the growing demand for Cloud services with Keppel's innovations





- Modular Design: each floating data centre module can be scaled up quickly.
- **Land Demand Alleviation:** opens up land to sustain the growth of digital hubs.



Water Demand Reduction and Improves Energy Efficiency

*Research Projects

- High-rise Data Center
- Tropical Data Center
- Cool Energy for Cooling







IBM and Keppel DC REIT follow the same path into sustainability



- The company has set ambitious goals for reducing its environmental footprint, including achieving net-zero greenhouse gas emissions by 2030
- The company is known for its corporate social responsibility programs, including community outreach and support for education, particularly in STEM fields
- The company maintains a diverse and independent board, and adheres to stringent standards in compliance, ethics, and data privacy



Collaborative
Potential in Green
Innovation

IBM's technological expertise combined with Keppel DC REIT's focus on sustainable infrastructure could lead to advancements in energy-efficient data center design and operation.



Shared Corporate Responsibility Goals

Both corporations emphasize environmental responsibility in their corporate ethos. This shared value enhances the potential for strategic alignment and joint initiatives.



Complementary Sustainability Focus

A strong commitment to sustainability, particularly in the areas of energy efficiency, renewable energy, and carbon footprint reduction.



- The REIT has a strong focus on acquiring and developing data centers with sustainable features and has set targets for energy efficiency.
- It adheres to high standards in health and safety practices, ensuring a safe environment for its employees and contractors
- Governance within Keppel DC REIT includes a focus on transparency, risk management, and compliance with legal and regulatory requirements

Source: (Keppel DC REIT, 2023), (IBM, 2023), (Statista, 2024)

Executive Summary

Industry Analysis

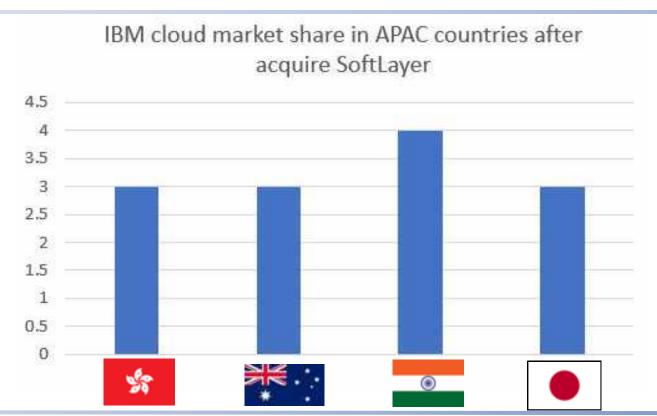
Company Overview

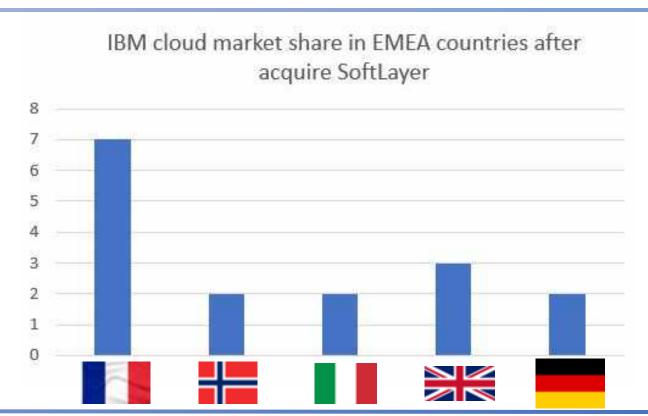
Financial Overview

Feasibility Analysis Alternative Solution

IBM's Market Share Forecast in China, Ireland, and Malaysia

3 new data center's market will bring a estimated \$856.1 MM revenue to IBM in year 5 (2029) after the acquisition





- Countries are selected if after the acquisition of SoftLayer, IBM operates its data centers on the country for the first time. This is to estimate the market share of IBM, 5 years, after it acquires Keppel DC REIT, and operates on new market
- The figures above show today IBM's market share
- IBM acquisition case in 2013 can be used for estimation as SoftLayer and Keppel DC REIT possess many characteristics in common, including number of data centers, market capitalization, and global footprint



• China market is much more competitive, so IBM is conservatively estimated to capture 801MM revenue in 2029, which is equivalent to 0.8% market share

Source: (Bloomberg, 2024), (Statista, 2024)

- From the bar charts above, 5 years after acquiring Keppel DC REIT,
 IBM is estimated to capture 1.6% market share in Ireland and 1.63% market share in Malaysia
- If this transaction is completed, IBM's projected revenue in 2029 will be
 26.7 MM in Scotland and 28.4 MM in Malaysia
- Ireland's market size CAGR grows at 6.86%, while the Europe's market size CAGR grows at 6.37%
- Malaysia's market size CAGR grows at 7.57%, while the Asia's market size CAGR grows at 7.22%

Financial Performance Forecasts

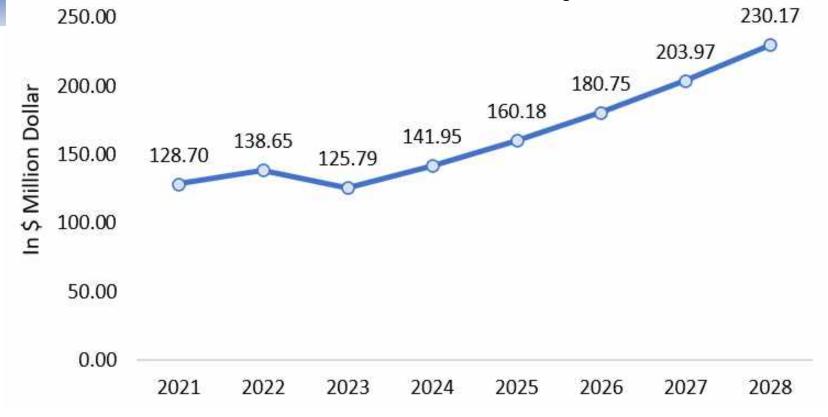
Business segment and total revenue breakdown through 2028



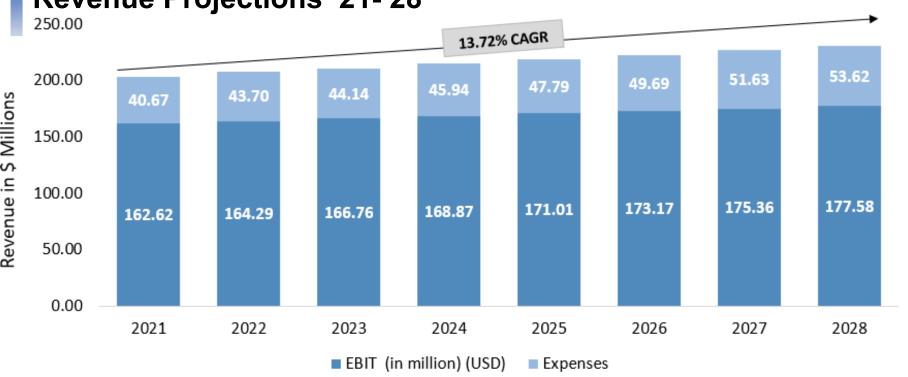
Kepple DC REIT's Revenue Projections - Assumption (Base)

- Over the course of the projected years (through FY28), revenue is expected to grow consistently, as indicated by the **CARG of 13.72%**
- The expenses are also increasing but appear to be growing at a slower rate than
 EBIT
- Steady climb in income distributions to Shareholders reflects Kepple's ability to maintain and potentially increase shareholder value over time.
- A substantial surge in finance income is projected, from marginal figures in the early years to an anticipated 21.97 billion dollars by 2028. This notable growth is a clear indication of Kepple's strategic investments in Quality Data Centers, Real Estate, and Assets paying off profitably.

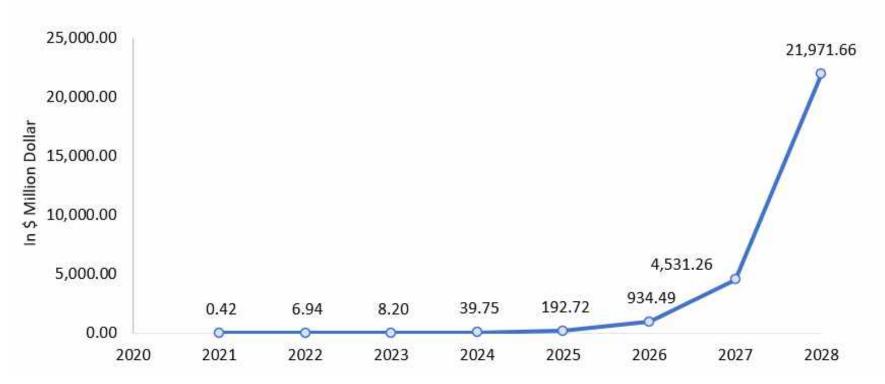
Distributed Income to Shareholders Projections '21-'28



Revenue Projections '21-'28



Finance Income Projections '21-'28



Source: Keppel DC REIT Annual Report (2023)

Keppel DC REIT Discounted Cash Flow

Discounted cash flow analysis



In \$000's	2023	2024	2025	2026	2027	2028
Income hefers to come house	12/30/2023	12/30/2024	12/30/2025	12/30/2026	12/30/2027	12/30/2028
Income before income taxes	102,600	111,803	121,832	132,760	144,669	157,646
Interest expense	36,100	39,338	42,867	46,712	50,902	55,468
EBIT	138,700	151,141	164,699	179,472	195,571	213,114
Trustee's Fees	337.44	368	401	437	476	518
Finance income	8,087	8,813	9,603	10,465	11,404	12,426
Finance costs	35,903	39,124	42,633	46,457	50,625	55,166
Loss allowance for doubtful receivables	8,270					
		9,012	9,820	10,701	11,661	12,707
Share of results of a venture	6,130					
		6,680	7,279	7,932	8,644	9,419
Management fees paid and payable in Units	3,813					
		4,155	4,528	4,934	5,377	5,859
Other	629	685	747	814	887	966
Cash paid for taxes	(5,740)					
		(6,255)	(6,816)	(7,427)	(8,094)	(8,820)
CapEx	(200)	(218)	(237)	(259)	(282)	(307)
Change in working capital	(10,050)	(10,951)	(11,934)	(13,004)	(14,171)	(15,442)
Unlevered FCF	185,881	202,554	220,723	240,522	262,097	285,607
Present value of Unlevered FCF	185,881	188,651	191,462	194,315	197,211	200,150

Terminal Value (in thousands)		
Free cash flow	1,034,135.00	
Perpetual growth rate	3.70%	
WACC	7.37%	
Terminal Value 21,735,067.68		

- Perpetual growth rate is inflation rate
- Trustee's fees, finance income, finance costs, loss allowance for doubtful receivables, share of results of a venture, management fees paid, and payable in units are treated as an expense for FCF valuation
- Values enclosed in parenthesis indicate amounts subtracted from the FCF computation

Source: (Keppel DC REIT Annual Report, 2023)

Executive Summary

Industry Analysis Company Overview Financial Overview

Feasibility Analysis

Alternative Solution

Valuation and Cost/Profit of Acquiring Keppel DC REIT

WACC and Capitalization



Cost Of Equity		
Beta	1.10	
Risk free rate	2.98%	
Equity risk premium	6.0%	
Cost Of Equity	9.58%	

Cost Of Debt	
Average interest rate	3.21%
Interest Expense	36,100
Total Debt	1,123,000
Tax Rate	11.30%
After Tax Cost Of Debt	2.85%

WACC	
Cost of equity	9.58%
Cost of Debt	2.85%
Effective tax rate	11.30%
WACC	7.37%

Source: (Keppel DC REIT Annual Report, 2023), (Bloomberg, 2024)

Perpetuity and Exit EBITDA Multiple Approach

Exit EBITDA Multiple Approach	
Terminal year EBITDA	213.11
Terminal value EBITDA multiple	10.07
Terminal value	2,147.01
Present value of terminal value	1,504.72
Present value of stage 1 cash flows	1,157.67
Enterpirse value	2,662.39
Implied TV perpetual growth rate	6.61%

Perpetuity Approach	
FCF in last Forecast Period	285.61
FCF t+1	311.23
Long term growth rate (g)	6.61%
Terminal value	3,242.54
Present value of terminal value	2,272.51
Present value of stage 1 cash flows	1,157.67
Enterprise value	3,430.18
Implied TV exit EBITDA multiple	10.07x

- The Weighted Average Cost of Capital (WACC) represents return to lenders and shareholders
- WACC of 7.37% represents the required rate of return (discount rate) necessary for DCF analysis
- This also represents the fact that the company must pay investors an average of \$0.073 for every \$1.00 received in funding

Keppel DC REIT Fair Enterprise Value Determination Enterprise value to equity value bridge and compare intrinsic value vs. actual price

Industry

Analysis

Company

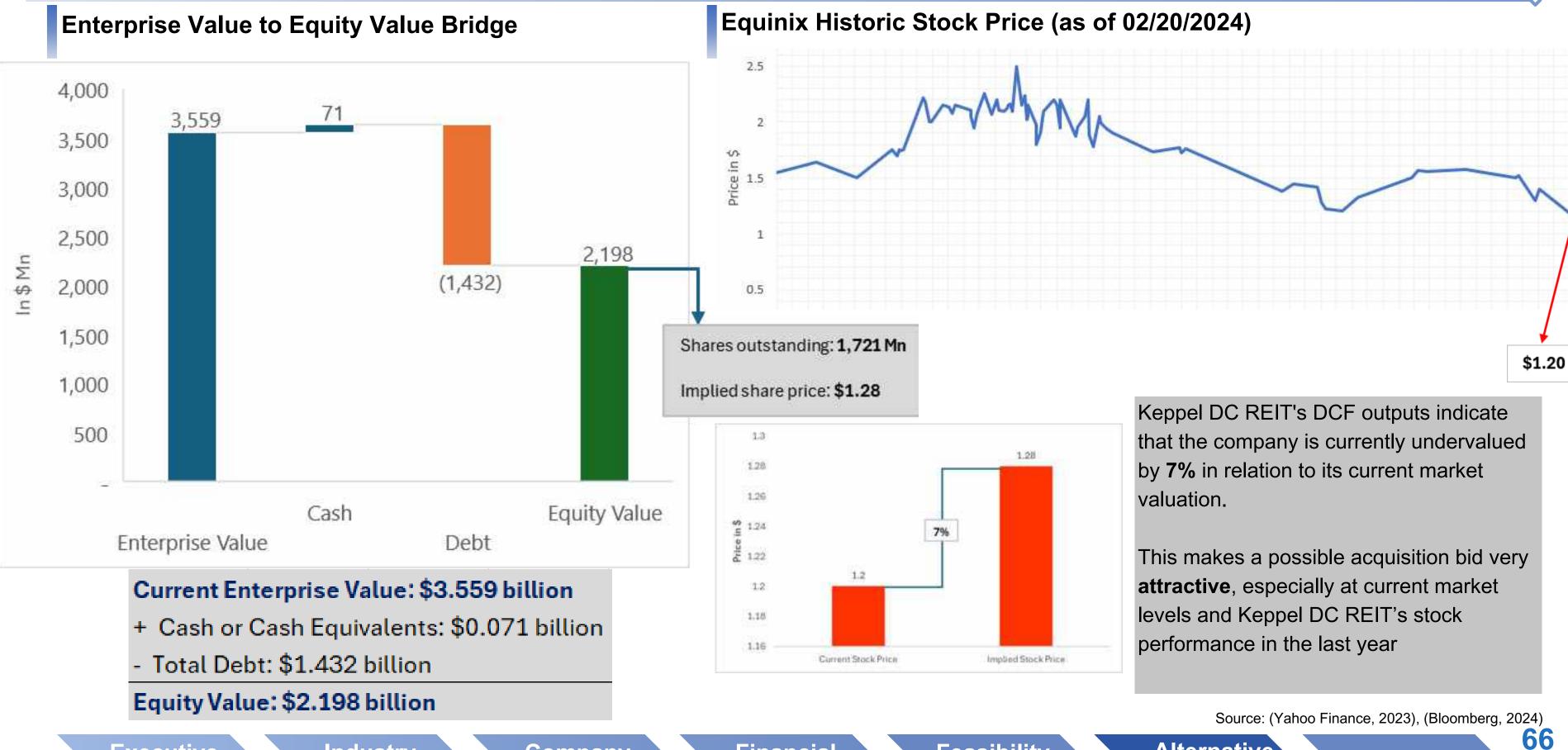
Overview

Executive

Summary



Conclusion



Financial

Overview

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Solution

Post Acquisition Strategy

By focusing on data center and APAC regions, IBM will be better positioned



With the integration of data center, IBM aims for a larger range of market share



Strategic Geographic Advantage

With acquisition, IBM can capitalize APAC, which is a rapidly growing market for data center services, driven by increasing internet penetration, digital transformation, and the growth of tech-savvy populations.



Leveraging Established Infrastructure

Keppel's existing data center infrastructure in APAC means IBM can quickly scale up without the initial time and capital expenditure required to build new facilities.



Access to a Diverse Customer Base

IBM can leverage Keppel DC REIT's diverse client base to cross-sell its cloud and AI services to a wider audience, including sectors where it might currently have a limited presence.



Economies of Scale

By integrating operations, IBM could achieve economies of scale in the APAC region, leading to cost efficiencies in data center operations, energy consumption, and maintenance.

Energy efficiency and green technologies

IBM's AI and IoT technologies to reduce energy consumption in Keppel's data centers by 15-20% within three years

Improvement in PUE (Power Usage Effectiveness)

Reducing current PUE of roughly 1.7 to below 1.5, with an eventual goal of reaching 1.2 in top-performing centers

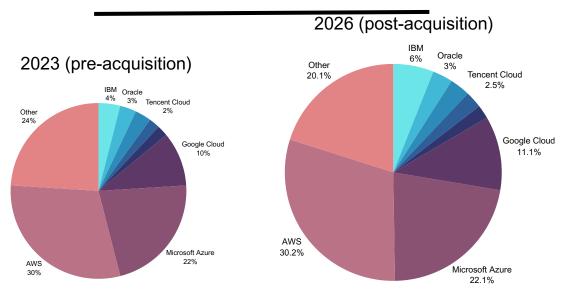
Investment in Green Technology R&D

Allocate a budget, around 5-7% of annual revenue, towards research and development in green technologies for data centers.

Renewable Energy Usage

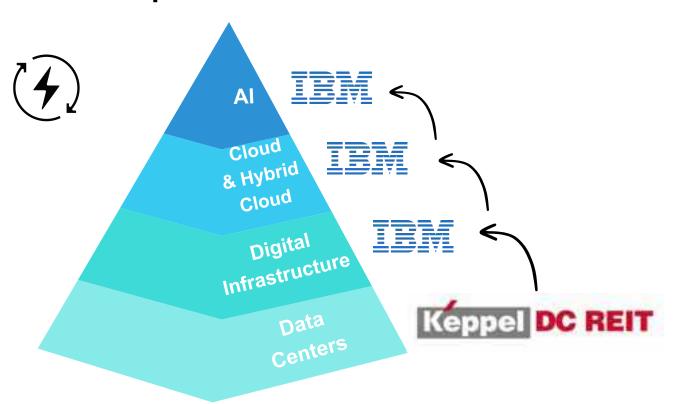


Aim to power 70% of all data center operations with renewable energy sources by a specific target year in 2026.



Market Share of Cloud Service, 2023 and 2026

Bridging Al, digital infrastructure, and hybrid cloud capabilities



Potential Developments

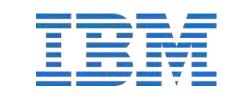
- Achieve an average of 85-90% utilization rate across combined data center assets within two years post-acquisition
- Grow the enterprise client base in the APAC region by 25% within two years, focusing on sectors like finance, healthcare, and e-commerce
- Enhance connectivity between all data centers in the region to ensure seamless data transfer and redundancy, aiming for a 99.99% uptime

Source: (Seeking Alpha, 2023), (CNBC, 2023)



The Conclusion

IBM should not acquire Equinix and rather opt for an acquisition that better aligns with its strategic initiatives





Product Integration

- Product goal conflict: The acquisition of Equinix by IBM could lead to concerns about service and product changes, risking revenue loss as customers might shift to competitors
- Service Cannibalization: Overlapping services
 between IBM and Equinix could result in reduced sales
 and profitability post-acquisition
- Vendor Neutrality Loss: Equinix's acquisition by IBM might limit customer choice in complementary services, as IBM could prioritize its solutions, risking the loss of Equinix's clients who value diverse options

Why Keppel is a better fit

- Service alignment: IBM's acquisition of Keppel won't result in service conflict or cannibalization, as Keppel's primary revenue comes from data center rentals, not from specific services
- Complementary missions: Keppel's focus on data center investment supports IBM's growth without jeopardizing customer loyalty
- Strategic growth: Keppel's expertise in selecting highpotential data centers can significantly boost IBM's digital infrastructure and hybrid cloud service development

F

Financial Analysis

- IBM's acquisition of Equinix, a large company, would require significant debt, potentially lowering its credit rating to Ba3-Ca1 by Moody's scale
- IBM has a low Debt/EBITDA ratio, but Equinix is 29% overvalued at a market price of \$910.10
- IBM's largest acquisition was \$35 billion for Red Hat, with typical acquisitions below \$3 billion, making Equinix an exceptional and costly target
- IBM's strategy focuses on smaller-scale mergers and acquisitions for service expansion, suggesting acquiring Equinix may be financially unrealistic

Keppel offers greater upside potential

- By comparison, Keppel DC REIT is ~78Bn smaller by market capitalization
- Keppel DC REIT is currently undervalued, trading at a
 7% discount rate from its intrinsic value
- The additive effect on IBM current portfolio of data centers would help IBM establish presence where it hasn't been recognized as a key player, such as APAC



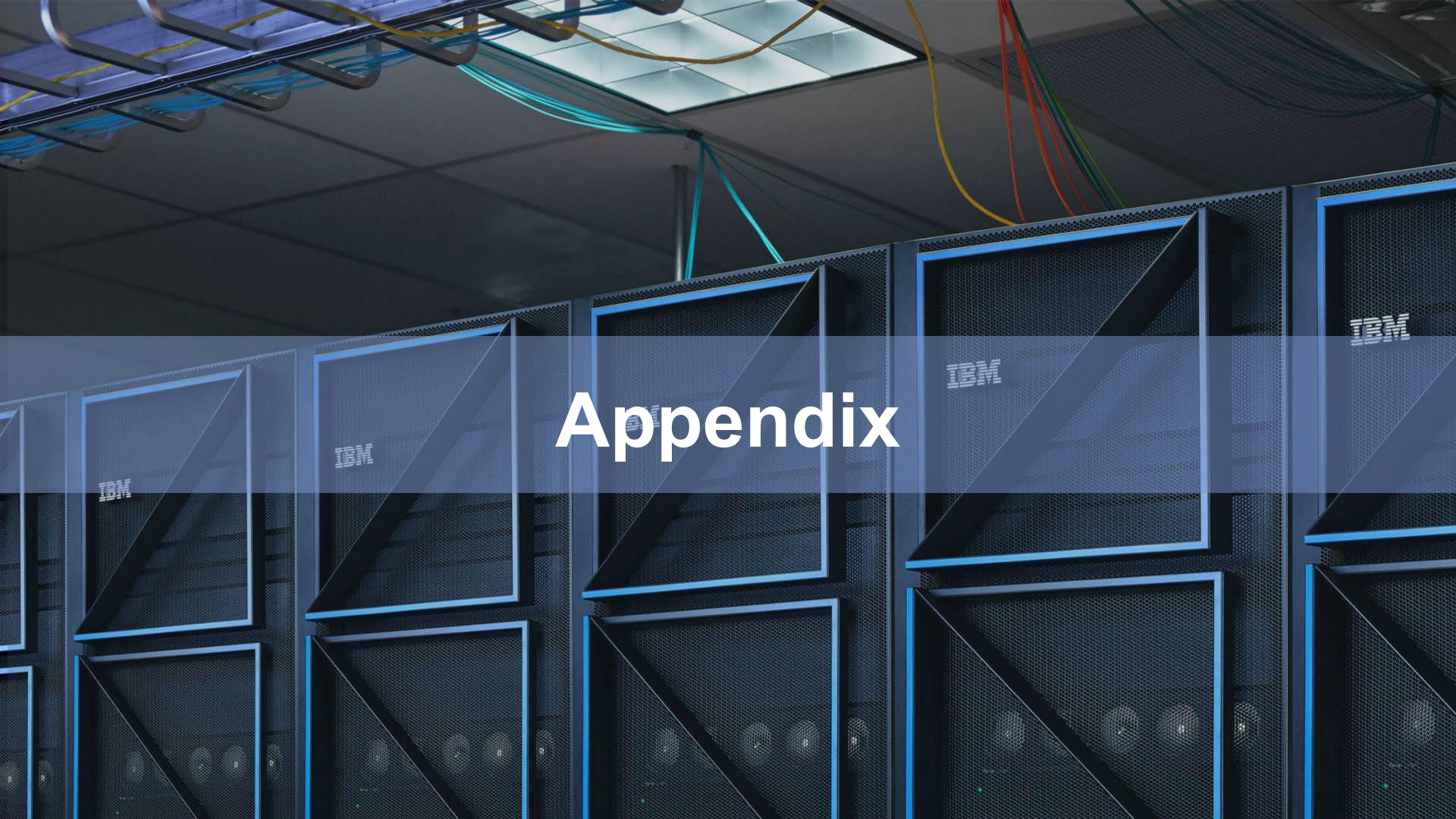
Synergistic Opportunities

- Location overlap: Equinix's data centers overlap with IBM's existing ones in major markets like America, UK, Germany, and Australia, making acquisition redundant
- Monopoly Risks: Merging two large entities like IBM and Equinix could lead to a near-monopoly, potentially stifling long-term innovation due to lack of competition

Keppel provides powerful synergies

- Strategic Expansion: Keppel's presence in key Asian markets like China, Ireland, and Malaysia, where IBM is less dominant, offers strategic expansion opportunities
- Avoiding Monopoly: Acquiring Keppel, a smaller player with fundamental services, won't lead to a monopoly, avoiding regulatory and innovation concerns
- Innovative Development: Post-acquisition, IBM can leverage Keppel's data centers, real estate, and assets for innovative product development and company growth

Source: (IBM. 2024), (Keppel DC REIT, 2024)



IBM + Keppel DC REIT | Merger Model

An acquisition of Keppel DC REIT would be accretive to IBM's EPS by 3% on a pro forma basis (in \$ MM)

Less: Taxes

Pro Forma Net Income



8.90

3%

Accretive to

Company Profile

IBM Financial Profile	-		
Fully Diluted Shares Outstanding			914
Current Share Price	\$		196
Equity Value	\$	17	9,640
Forecasted Earnings Per Share (EPS)	\$		8.62
P/E multiple			23x
KEPPEL DC REIT Financial Profile			
Fully Diluted Shares Outstanding			1721
Current Share Price		\$	1.2
Equity Value		\$	2,198
Forecasted Earnings Per Share (EPS) t+	1	\$	0.06
P/E multiple			20x

Accretion/dilution analysis

\$ 9,449	Target Standalone Net Income	\$	122
13.53%	%Tax rate	44.00	11.30%
\$ 10,927	Earnings Before Taxes (EBT)		\$ 151
	Pro Forma EPS		
\$ 11,079	Pro Forma Net Income	\$	8,155
\$ 1,645	Pre-Deal Acquirer Shares Outstanding		915
\$ 300	Plus: New Shares Issuances		1
\$ 6	Pro Forma Diluted Shares		916
\$ 9,728	NAC		18
2011	\$ 10,927 \$ 10,927 \$ 1,645 \$ 300 \$ 6	\$ 10,927 Pro Forma EPS \$ 11,079 \$ 1,645 \$ 300 \$ Pre-Deal Acquirer Shares Outstanding Plus: New Shares Issuances \$ 6 Pro Forma Diluted Shares	\$ 10,927 Earnings Before Taxes (EBT) Pro Forma EPS \$ 11,079 Pro Forma Net Income \$ 1,645 Pre-Deal Acquirer Shares Outstanding Plus: New Shares Issuances Pro Forma Diluted Shares

1,573 **8,155**

Transaction and financing assumptions

Transaction Assumptions	
Offer Price Per Share	\$1.56
% Offer Premium	30%
Offer Value	\$2,685
Cash Consideration (All-Debt Funded)	
Offer Value	\$2,685
% Cash	90%
Total Debt Financing	\$2,417
Financing Fee	\$162
Financing Fee % Total Debt	6.7%
Borrowing Term	20 years
Financing Fee Amortization	\$8
% Interest Rate	5%
Annual Interest Rate	\$0.4
(IBM Annual Report, 2023), (Keppel DC RI	FIT Annual Report

Form of Consideration	
% Stock	10%
% Cash	30%

Stock Consideration	
% Stock	10%
Offer Value	\$2,685
Stock Consideration	\$269

Deal Assumptions	
Synergies, net	\$296
Transaction Fees	\$67
Transaction Fees % Offer Value	2.5%

		Pro-forma EPS by 3%
rice Accounting		
	\$2,685	
ngible Book Value	\$11 577	

Offer Value	\$2,685
Plus: Net Tangible Book Value	\$11,577
Purchase Premium	\$14,262
Less: PP&E	(5,501)
Less: Intangibles Write-Up	(4,395)
Plus: Deferred Tax Liability (DTL)	6,656
Goodwill Created	\$11,022
Asset Write-Ups	
% Allocation to PP&E	25.0%
Useful Life Assumption	20 years
Incremental Depreciation	\$178
% Allocation to Intangibles	10.0%
Useful Life Assumption	20 years
Incremental Amortization	\$71

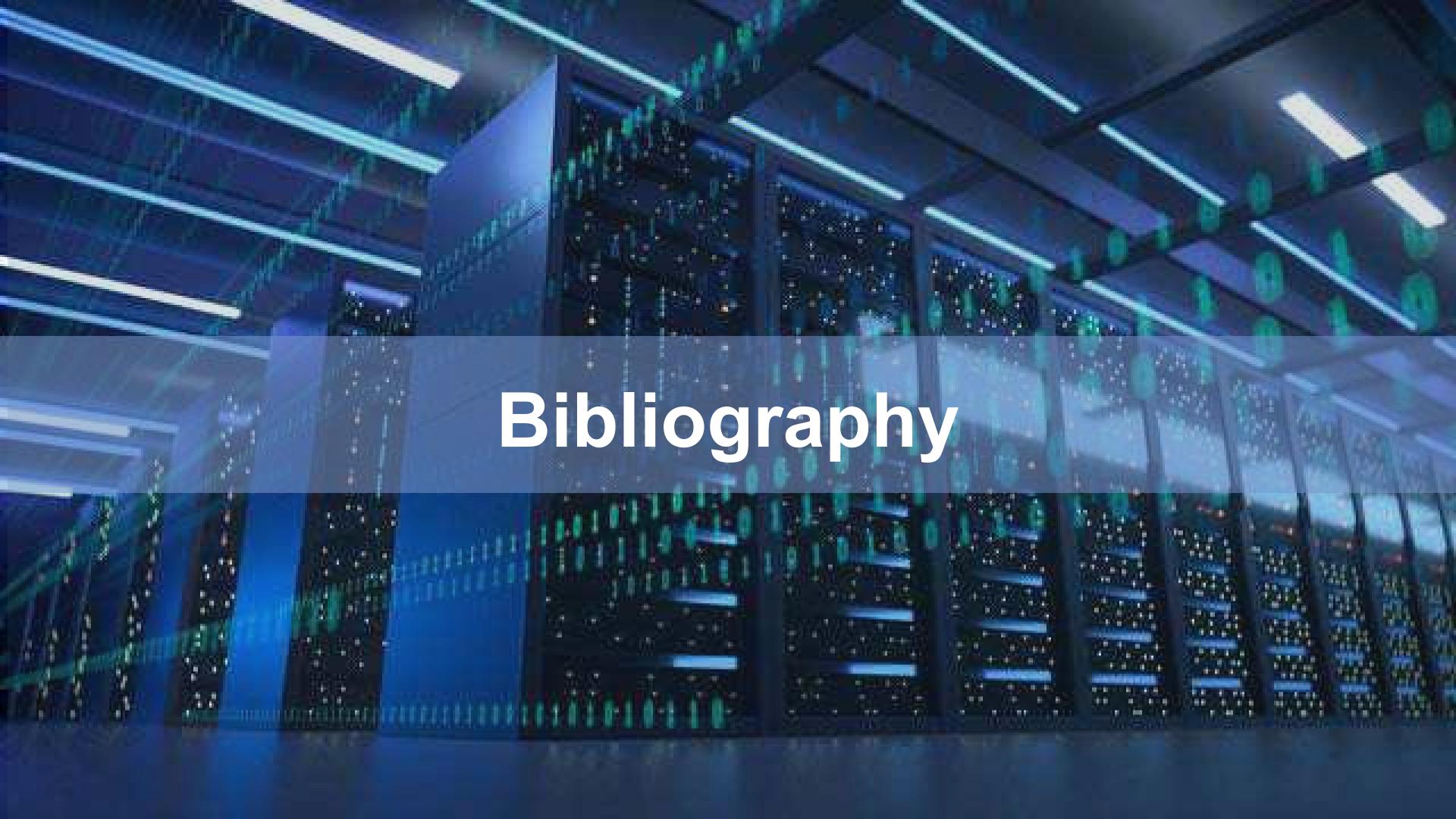
Source: (IBM Annual Report, 2023), (Keppel DC REIT Annual Report, 2023)

Executive Industry Company Financial Feasibility
Summary Analysis Overview Overview Analysis

Pro Forma EPS

Purchase P

% Accretion / (Dilution)



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