Desautels Capital Management

Honours in Investment Management

Fall 2023 Holdings and Industry Overview

TMT

Jeremy Moses, Senior Analyst Roy Liu, Senior Analyst Britton Quirk, Senior Analyst Sara Chouinard, Junior Analyst Juan Manuel Gutierrez, Junior Analyst

October 18th, 2023







TMT Overview



TMT Sector Performance

- Sector over performance mainly driven by big tech
- Industry is currently driven by innovation in the AI / data front, as many companies are going through digital transformations



Artificial Intelligence

- Al Models: Too many uncertain variables and market excitement warrant caution here,
- Power Supply: We believe hardware provides unattractive risk/reward given current valuation, while
 hyperscalers are playing the toll road rather than the dealership
- Data: Unique Approach Could Reveal Companies With Underappreciated Monetization Potential



Media & Entertainment

- DTC: Companies will need to continue to burn cash in hopes of reaching DTC profitability, DTC operating profitability ~2027E-2029E vs street estimates of ~2027E
- **TV:** Revenue growth to realize in line with market expectations; however, margins are expected to suffer from downward pressure due to recent AAV sports programming step-ups
- Theatrical: DCM views in line with the market



Payment Processing

- The median digital payment stock is down significantly over the past year.
- Revenue and EPS growth Y/Y has come down significantly, but we think the long-term drivers are still intact and the future looks bright.
- Given attractive risk/reward profile, we believe this to be a very exciting time to deploy capital to payment companies.



Agenda

- I. TMT Overview
- II. Artificial Intelligence (AI)
 - I. Market View
 - II. Interpretation
- III. Media & Entertainments
 - I. Market View
 - II. Interpretation
- IV. Payment
 - I. Market View
 - II. Interpretation
- V. Holdings review
- VI. Appendix

TMT (Technology, Media, Telecommunications) Overview

What is TMT about?

TMT Make up



Technology

- Hardware
- Software
- Tech services



Media

- Entertainment
- Publishing
- Digital Media



- Internet
- Mobile
- Telecom equipment



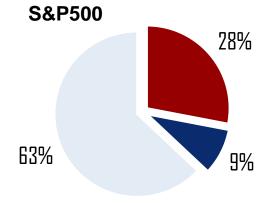


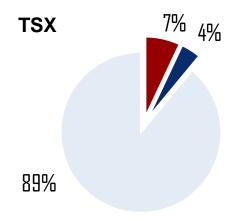


TMT Weight in the S&P500 and TSX



- Communication
- Other



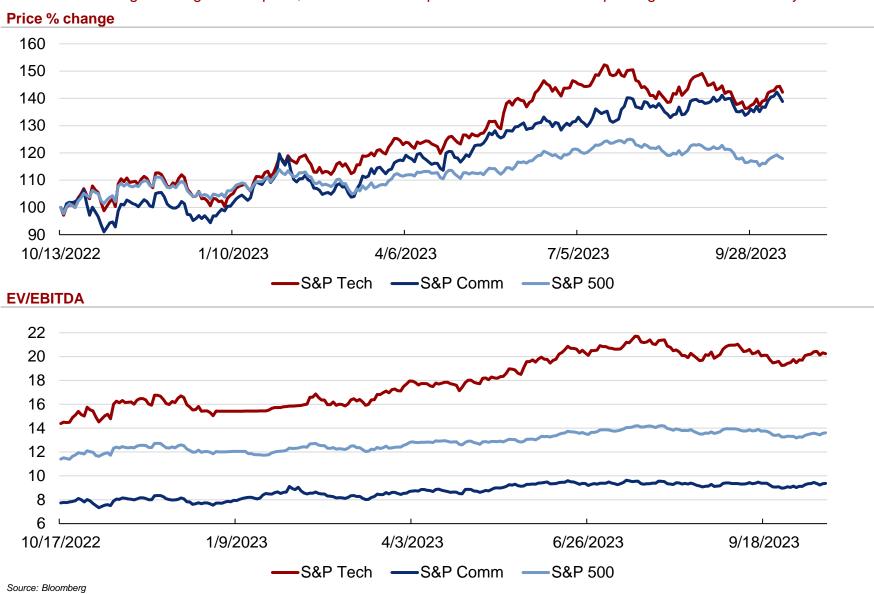


Source: Bloomberg



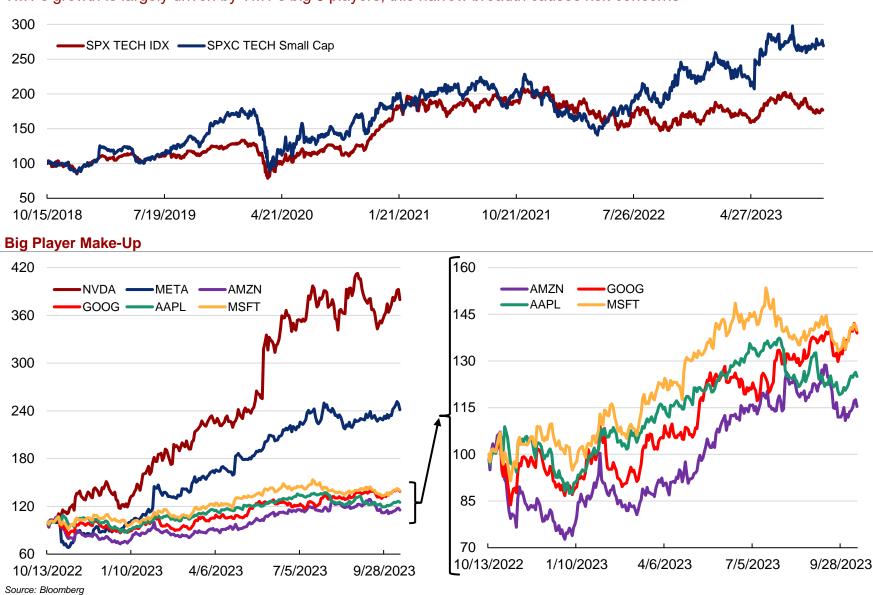
TMT Sector Performance (LTM)

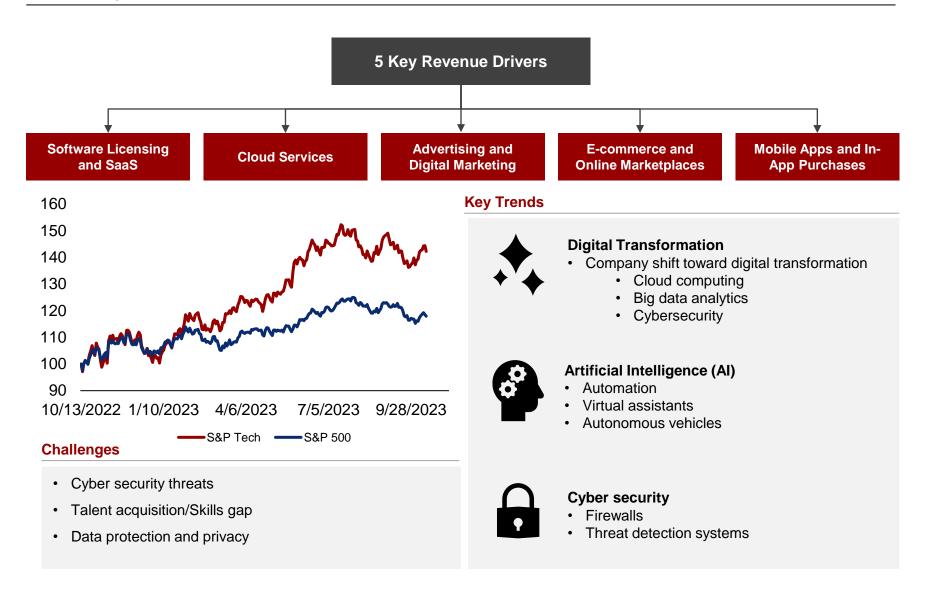
As TMT sees a significant growth in price, EV/EBITDA multiples rise due to the anticipated growth of the industry



TMT's Big Players

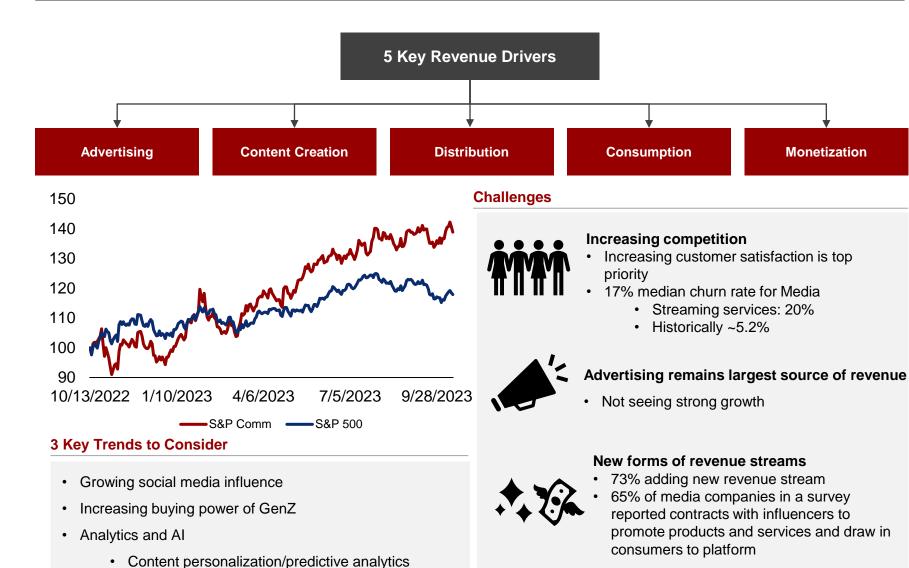






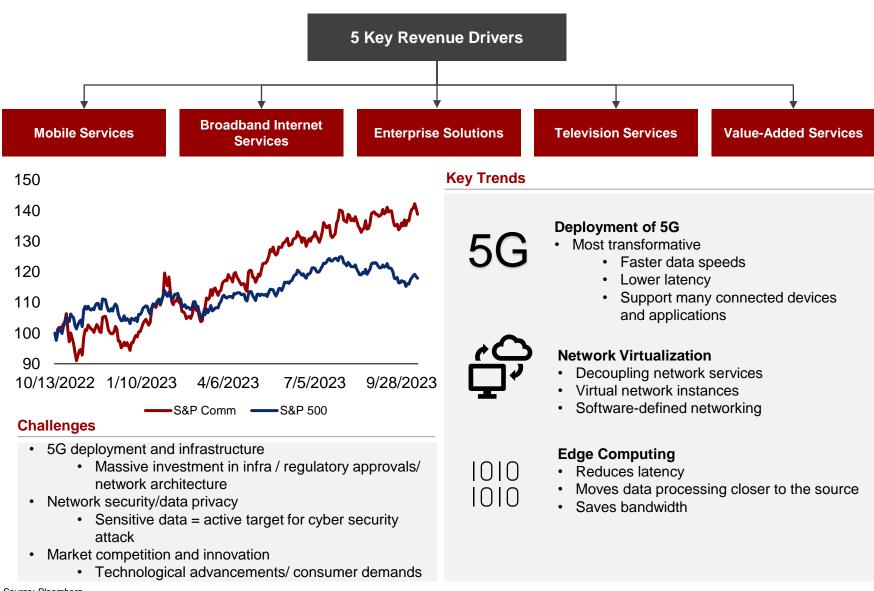
Source: Bloomberg





Source: Bloomberg, Salesforce





Source: Bloomberg

Desautels Capital Management

Honours in Investment Management

Theme Review: Artificial Intelligence

Section 1







Just a Fancy Regression Model

Not Really a Sector

 Currently a theme with large breadth, reaching companies far beyond TMT





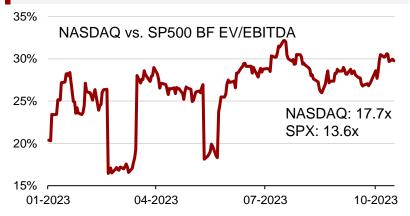
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Approximating Valuations

- Difficult to isolate Al's performance contribution
- Taking NASDAQ Contributors as proxy



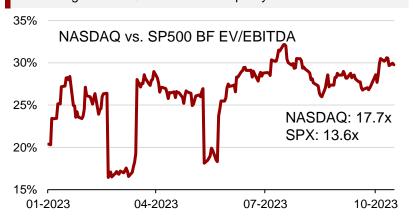
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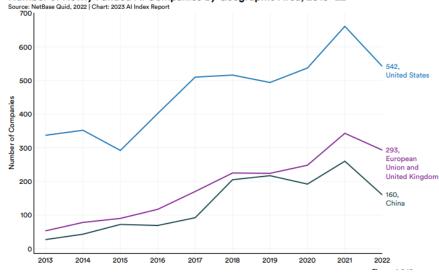
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Today's Winners Won't Be Tomorrow's

Number of Newly Funded Al Companies by Geographic Area, 2013–22







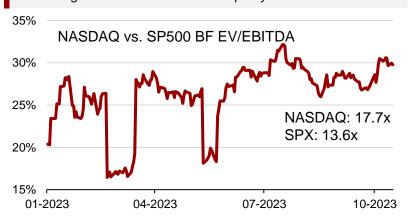
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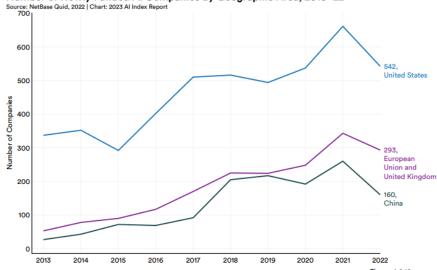
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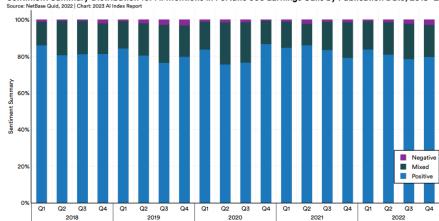
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Number of Newly Funded Al Companies by Geographic Area, 2013–22



Losers of Al Aren't In Focus

Sentiment Summary Distribution for Al Mentions in Fortune 500 Earnings Calls by Publication Date, 2018–22





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Do We Want To Be Investors?

- Not unless ROIC is high(er) with AI in play
- Significant uncertainties could make AI products benefit consumers rather than Enterprises
- Great Tech =/= Great Investment
- Examples of Revolutionary Technologies Played Wrong
 - Airplanes Invention → Airlines
 - Automobile Invention → Car Manufacturers
 - SVOD → Media Producers

Source: Bloomberg, Stanford

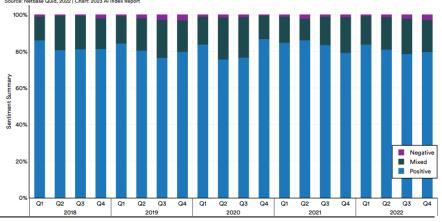
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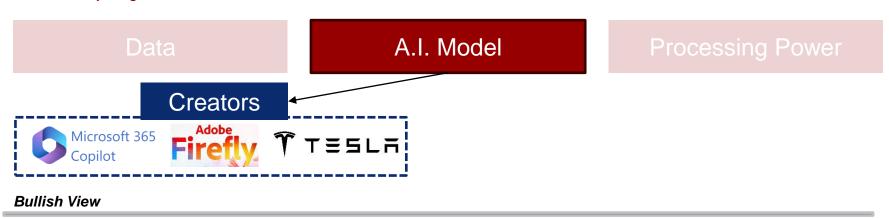


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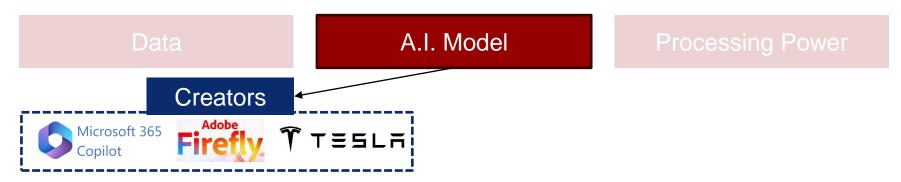


Just a Fancy Regression Model



Our View

Just a Fancy Regression Model



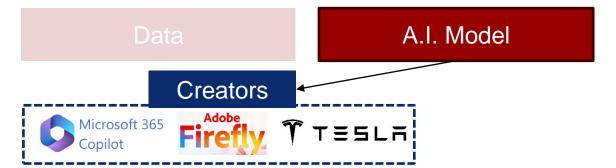
Bullish View

- Will Have Significant Pricing Power
- Early Innings of Terminal Potential
- **Disruptor** Potential is Huge
- Models Are Hardly Replicable, **Proprietary**

Our View



Just a Fancy Regression Model



Processing Power

Bullish View

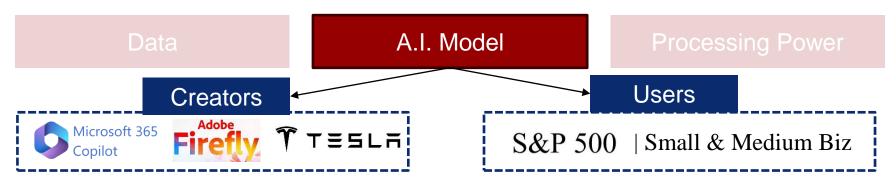
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Significant Uncertainty Includes:

- TAM
- ARPU & Payment Model
- Adoption Rate
- Regulatory Limitations
- Barriers to Replication (Customer/Competitor)
- Terminal Technology Potential

Just a Fancy Regression Model



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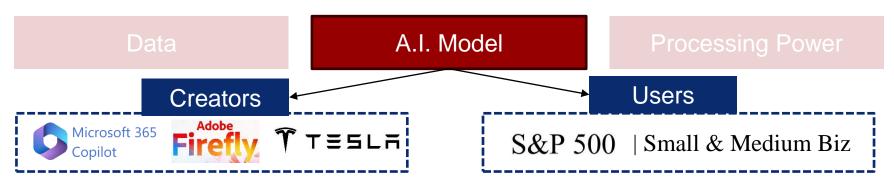
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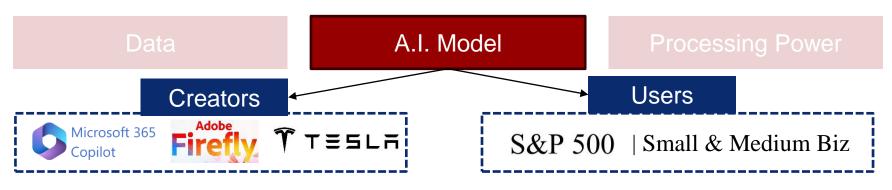
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- Profitable Tools (Significant Cost Savings)
- Increased Efficiency
- Relevant Across All Industries

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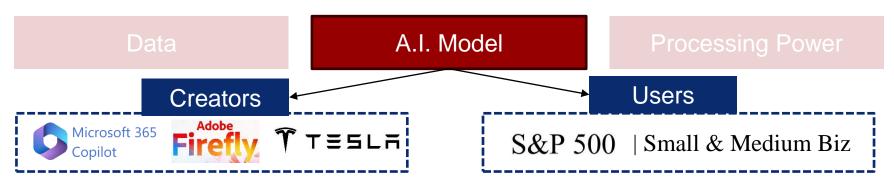
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- · Cost of Relying on Al
- Payment Model
- · Pass-Through to Customers
- Model/Training Data Quality
- · Regulatory Limitations

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Too many uncertain variables and market excitement warrant caution here, many unproven expectations warrant carefulness

Just a Fancy Regression Model

Data

Model

Processing Power

Hardware



Bullish View

Our View

Just a Fancy Regression Model

Data

Model

Processing Power

Hardware



Bullish View

- Gold Rush → Sell Shovels
- Al Usage Generates **Proportional HW Needs**
- NVDA Will Sustain Near-Monopoly

Our View

Just a Fancy Regression Model

Data

Model

Processing Power

Hardware



Bullish View

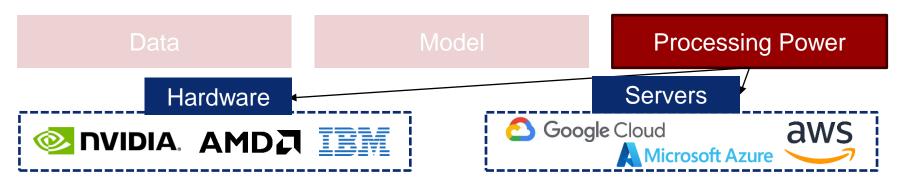
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Worst Risk/Reward

- Today's Shovel =/= Tomorrow's
- Hyperscalers Already Developing Prop. Chips
- NVDA Won't Hold Monopoly
- Need Sustained High Capex
- Uncertain Long-Term Replacement Cycle

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Just a Fancy Regression Model

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Model

Processing Power

Servers

Servers

Google Cloud

Microsoft Azure

Microsoft Azure

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- Model Users Need 3p Computing Pwr
- Increased Demand For Data Treatment
- Gain As Long As Models Are Used
- Able to Pass Through Hardware Costs

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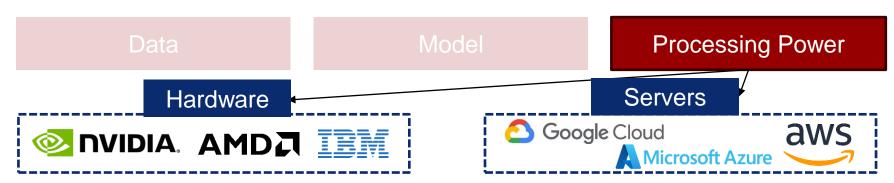
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Better Path

- No matter how/if customers can monetize Al
- Issue: No Pure-Play Hyperscaler
- Competitive Dynamics Reduces Pricing Power Risk
- Narrative Dependent On TAM/Usage/Volume

Just a Fancy Regression Model



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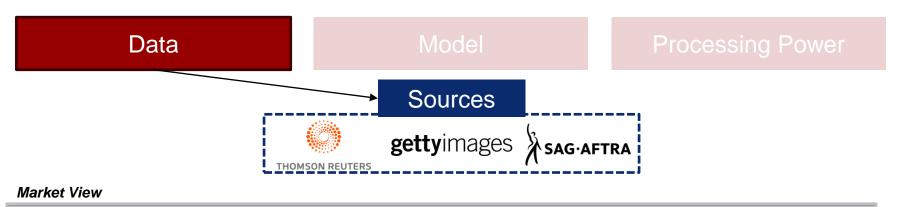
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Hyperscalers: Playing The Toll Road Rather Than the Dealership



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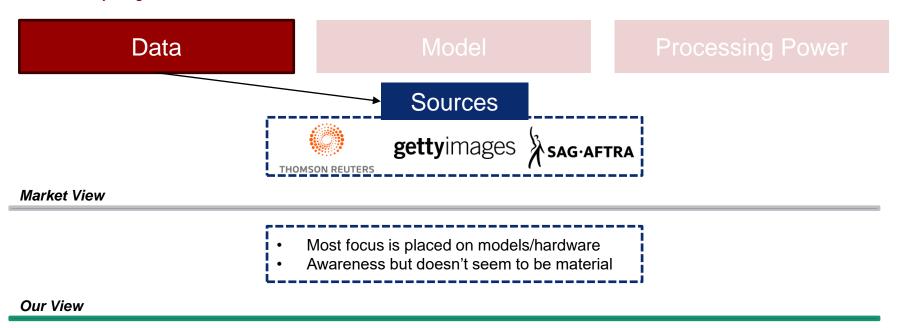


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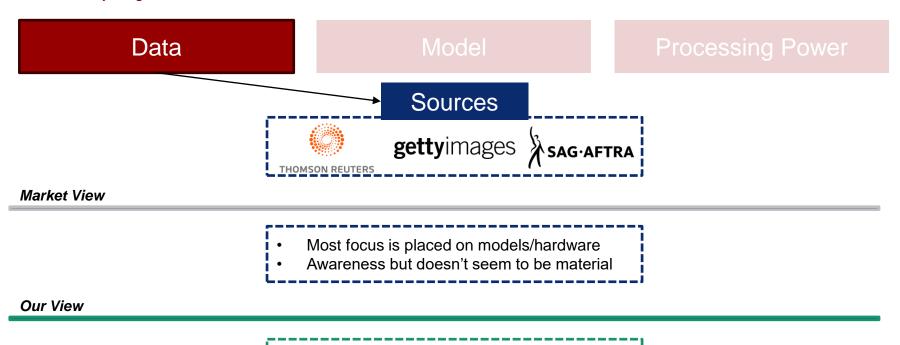




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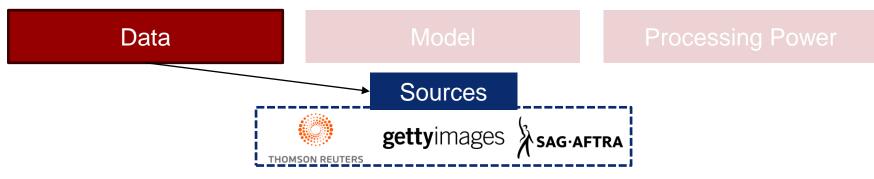


Underlooked Area of Al Value Chain

- Data is not a commodity
- Value of Input Data > Model
- Expect Data Regulation for Commercial Use
- Existing Data Has More Use & Value
- Monetization Remains Highly Uncertain



Just a Fancy Regression Model



Market View

- Most focus is placed on models/hardware
- Awareness but doesn't seem to be material

Our View

Adobe Firefly

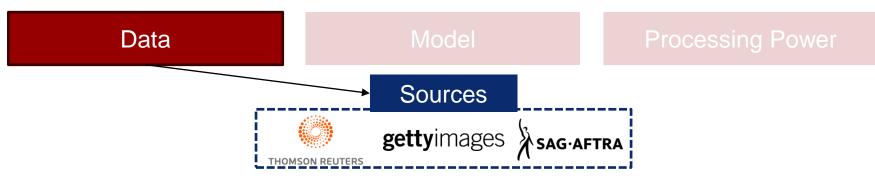
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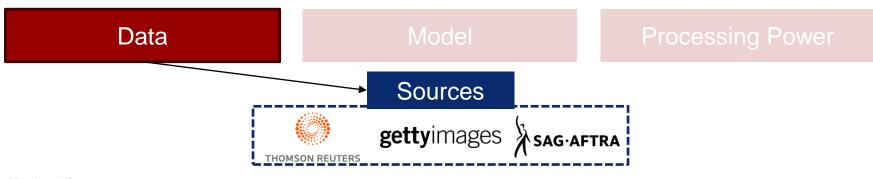
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Unique Approach Could Reveal Companies With Underappreciated Monetization Potential





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We don't <u>need</u> to be invested in the space

- Positive Narrative across AI value chain
- Market focus on handful names
- Regulatory/Pricing Risks Underappreciated;
 Implies opportunities in key areas

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What TMT Pick Would Look Like

Hyperscalers

- Toll Gate of Al Volume Usage
- · Lack of Pure-Play
- · Need better pricing visibility
- · Better Idea of Long-term Promise

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Data

Nearly "Hidden" Asset

Regulatory Limitations

Data Value > Model's

Highly defensible



Examples





Desautels Capital Management

Honours in Investment Management

Theme Review: Media & Entertainment

Section 2







Executive Summary

Apologies for the words, but I'm not here to speak

DTC

The Streaming Wars Continue: Key players continue to compete for subscribers in an already highly saturated market.

Market View: Content spend has rightsized, DTC operating profitability by 2025E (See DIS Case Study). **DCM View:** Companies will need to continue to burn cash in hopes of reaching DTC profitability, DTC operating profitability ~2027E-2029E.

TV

Linear Networks: Being held by a thread: sports programming (quite literally the only value prop). If you think "news channels" remain a value prop, let me introduce you to vMVPDs (e.g., YoutubeTV) or just like social media.

Market View: Linear will suffer from low single digit declines in top line growth going forward, whereas margins are expected to remain constant.

DCM View: Revenue growth to realize in line with market expectations; however, margins are expected to suffer from downward pressure due to recent AAV sports programming step-ups.

What's AAV Annualized Average Value? Fancy word for \$amountofcontract/#ofyrsofthecontract THIS IS NOT HOW ACCOUNTING FOR THESE RIGHTS WORK! Trust me I spent the whole summer looking at the 10-Ks of Diversified Media Conglomerates and their accounting policies.

Theatrical

Summer Box Office was super strong (yay Barbie! Barbie the biggest post-covid second Friday at the box office!). It appears as though theatrical has returned to pre-pandemic levels. However, the labour strikes may give rise to weak or delayed theatrical releases in the next window/cycle.

Market View: Theatrical has returned to pre-pandemic levels; albeit labour strikes are putting downward pressure on multiples due to uncertainty with regards to future growth, fueled by theatrical window strength.

DCM View: In line with market valuations. Some players may be undervalued (Jeremy take it away with Cineplex) but exclusively at the firm level because of some idiosyncratic factor and not vertical level.

Music

Nothing interesting going on here except if you're a Swifty. I wouldn't recommend buying her catalogs lol because she'll probably just rerecord her entire album... again. Music multiples are too high. Music royalty cash flow growth rates follow an exponentially decaying curve called the J-curve. Highly predictable CFs with low single digit growth in perpetuity after 3-5 years.

Market View: Unless you're in the business of securitization, stay away from music right now, especially publicly listed funds such as SONG, who have an avg. purchase multiple of +15x NPS. This is a big no no, especially for something that delivers low single digits. The market is basically anticipating the renewal of growth via a renewal of J-curve (because of increase in synch royalties). Come see me if you want more info.

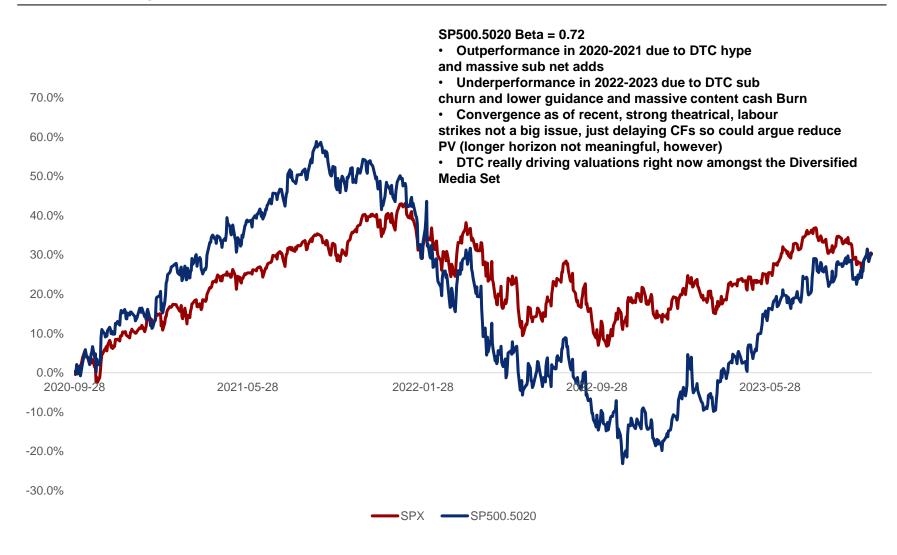
DCM View: Music is overvalued. They're kind of like trophy assets right now, akin to sports teams.

It's too bad we're long-only lol because I would be placing shorts right now. In all seriousness, I love talking about M&E so come see me if you want more info because there is so much more.

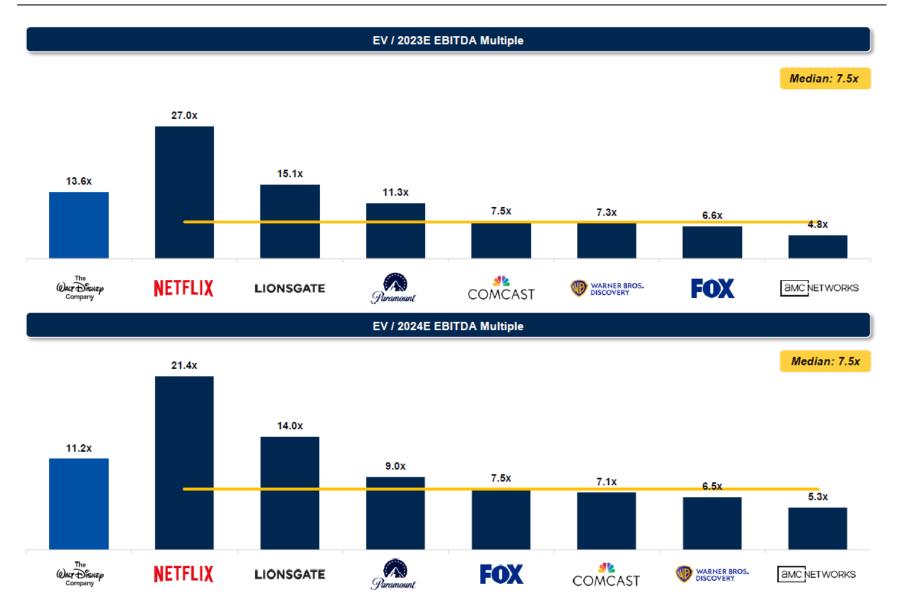




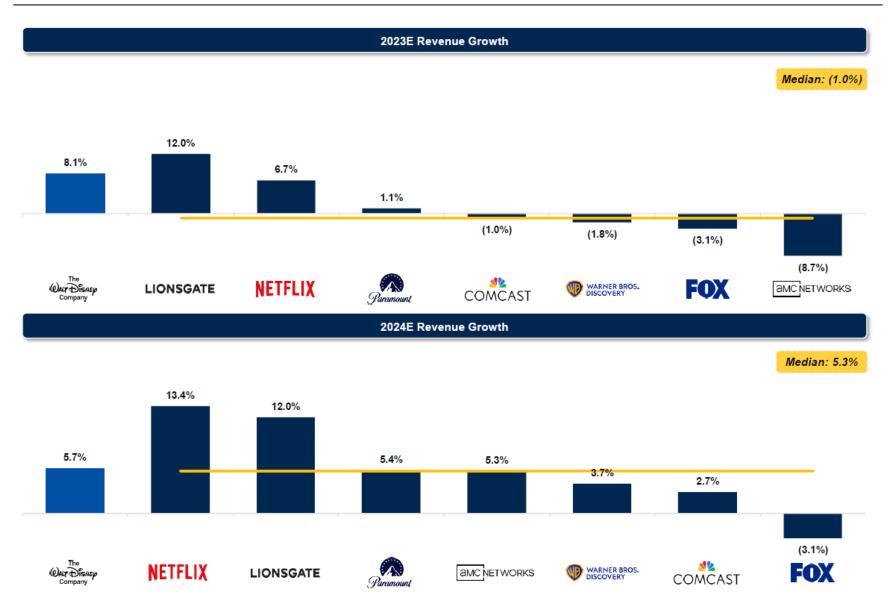
A Walk Through Time



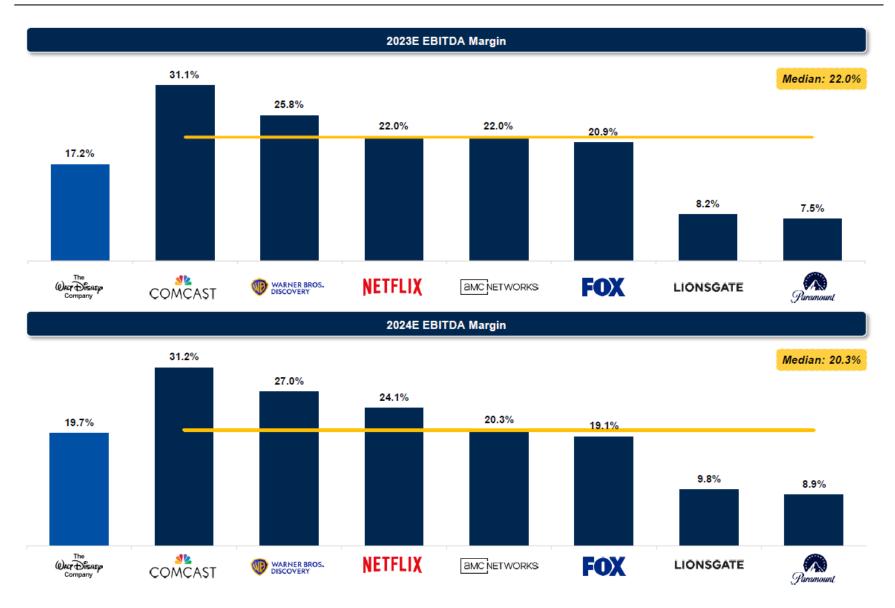
Public Comparables – Diversified Media Comp Set



Public Comparables – Diversified Media Comp Set



Public Comparables – Diversified Media Comp Set



Key Takeaways

Benchmarking Analysis Cont.



LTM EBITDA Margin(1)

- Possible value dislocation amongst the Diversified Media comp set
 - LGFA appears overvalued according to EBITDA expectations; however, its strong revenue growth expectations are pushing multiples upward
 - CMCSA, FOX, and AMCX appear undervalued according to margin expectations; however, lower revenue growth
 expectations are more than enough to offset higher expected margins relative to peers, pushing multiples down
- Companies with significant linear network exposure are expected to maintain higher margins going forward but suffer from declines in top-line growth



Current State of the Film/TV Ecosystem

Shift in Strategy from "Subscribers at All Costs" to Profitability



- Public media companies claim to be rationalizing content spend and although are taking cost cutting measures on OpEx in the near term, have shown little inclination to scale back total spend between Film/TV projects and Sports content
- In CY'Q4 earnings announcements, management teams have reported expected '23 content spend to fall in-line with 2022 totals



IP is Still King



- Owned properties allow platforms to become arms dealers to streamers and distribution apparatuses
 - Library IP has created incremental value for studios, driving significant library cash flow
- The theatrical window will continue to rely on marquee IP for tentpole film releases





AVOD and FAST Platform Proliferation



 With paid subscription numbers flat lining, large streaming platforms have adopted an ad-supported strategy

 US AVOD streaming viewership is forecasted to maintain CAGR growth of 15.7% from 2021 through 2027⁽¹⁾

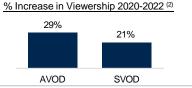








peacock



Convergence of Content and Commerce



 Production companies with established audiences and fan bases have built merchandise ecosystems around their content as a means of diversifying revenue streams for their brands

 This flywheel has gained further momentum in the sector, specifically with Canadian production houses







Select Brands / Content Properties





Merchandise Arms







Private Equity Leans into Production









A cost-plus financing model has de-risked production companies, limiting downside and performance risk and attracting large sponsors





Content Services Ride Production Tailwinds



- As Film/TV companies expand their global footprint in both developed and emerging markets, the demand for localization and delivery has rapidly accelerated while technological advancements continue to help drive efficiency in the space
 - The sector has greatly benefited from record breaking content spend among the streamers
- Studios have shown interest in bringing VFX platforms in house to address industrywide capacity constraints and mitigate risk of a third-party provider

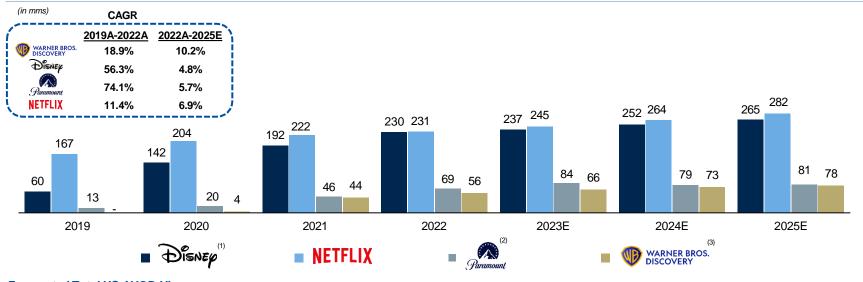




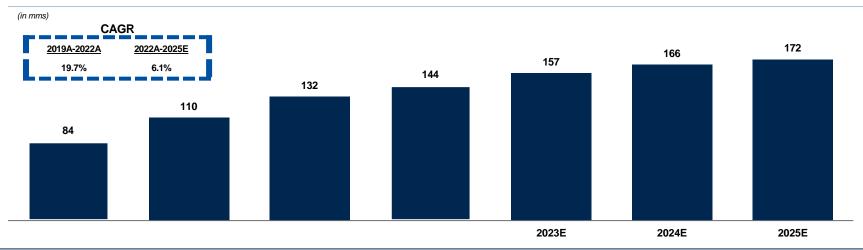
OTT Subscribers and Viewership Trends

Top OTT platforms are expected to see steady sub growth continue over the next several years as international expansion accelerates and AVOD viewership becomes more prevalent on these platforms – SVOD/AVOD growth will further drive Film/TV titles' ultimate values

Forecasted OTT Subscriber Trends by Company

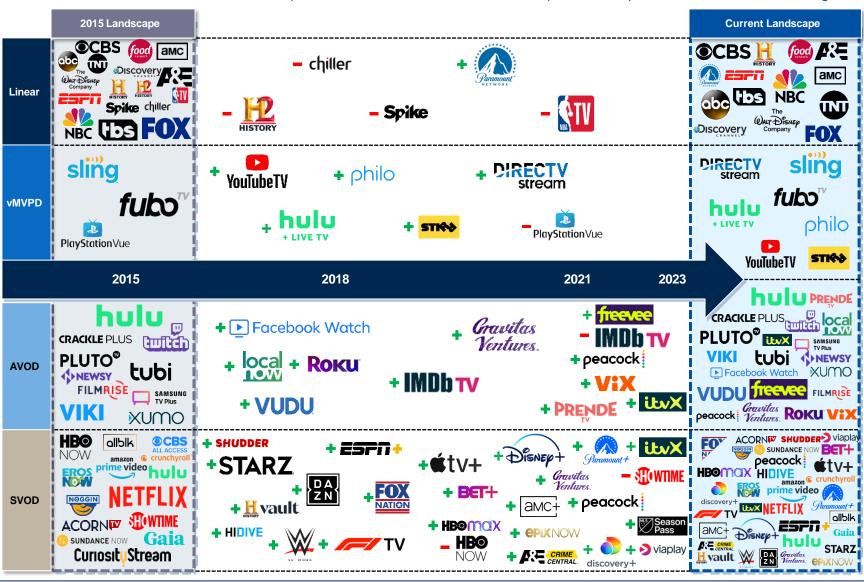


Forecasted Total US AVOD Viewers



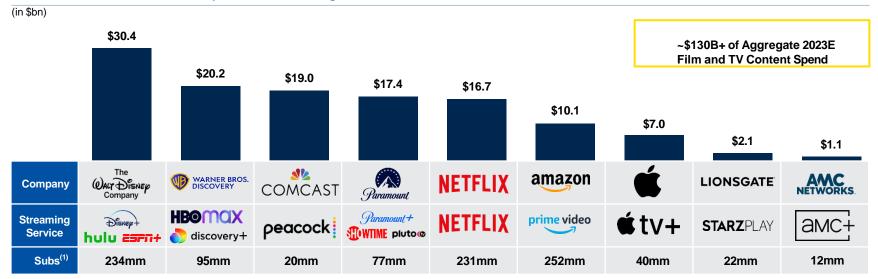
Evolution of the OTT Landscape

The number of new OTT entrants has led to rapid declines in Linear Networks viewership and subsequent acceleration in cord-cutting

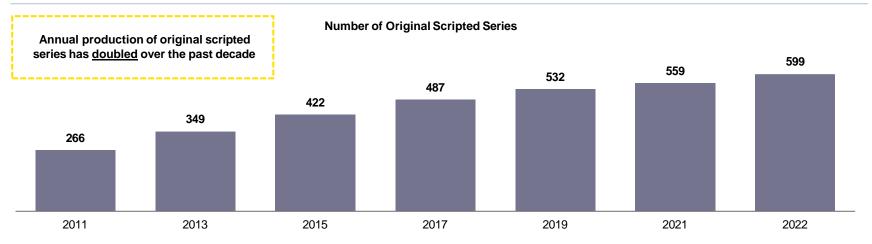


Despite Posturing of a Slowdown in Content Spend, Market Shows No Sign of Losing Momentum

2023E Global Film and TV Content Spend Hits All-Time Highs. . .



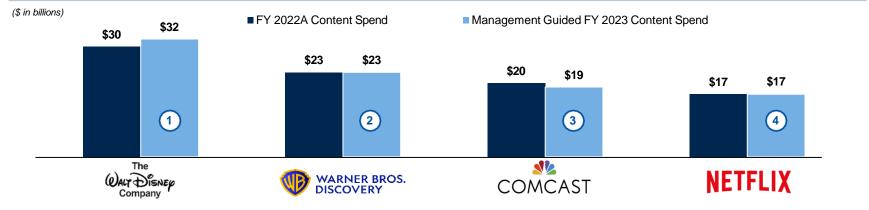
Supported by increasing numbers of original scripted series



Media Content Spend Trends

Studios have indicated they will be better curators of content with the expectation that live sports investment will rise while Film/TV project allocation will decline

Total Content Spend(1) Levels Expected to Remain Relatively Steady through FY 2023



Company Commentary

"Longer term, we also expect to realize additional efficiencies in our content spending with an annualized savings target of approximately \$3 billion of future spending outside of sports."

- Christine McCarthy, CFO: FYQ1 '23 Earnings Call

"We still expect cash content spend company-wide [including sports content] to remain in the low \$30 billion range for fiscal 2023."

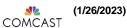
- Christine McCarthy, CFO; FYQ1 '23 Earnings Call



(2/9/2023)

"So expect to just ease back off of the levels we saw in 2022. It's a hard number to predict, but I think we are past peak there."

- Michael Cavanagh, President of Comcast; FYQ4 '22 Earnings Call
- "We will hit our peak spend...this year and then improve steadily from there."
- Jeffrey Shell, CEO of NBCUniversal; FYQ4 '22 Earnings Call



- "We've rightsized the content spend. I think we're going to get a lot better in allocating capital, and we have every intention to continue spending."
- Gunnar Wiedenfels, CFO: Citi Conference



.^CParamount

"We believe... [that] managing at about the same level of cash content spend that we'll have more than \$3 billion, at least \$3 billion of free cash flow in the year."

- Spencer Neumann, CFO; FYQ4 '22 Earnings Call

(1/19/2023)

"We will drive towards profitability by continuing to efficiently manage our content spend. By far, our biggest lever to manage spending is to focus on franchises. The higher levels of consumer awareness and built-in fan bases associated with this IP drive strong subscriber acquisition volume, lower acquisition costs, lower churn and extend LTVs."

- Robert Bakish, CEO; FYQ4 '22 Earnings Call

(2/16/2023)

TV Networks Viewership Trends

- The consumer shift to digital continued with streaming viewership audience share outpacing the cable and broadcast TV audience share for the first time in 2022
 - Streaming video represented 34.8% of total television consumption in July 2022, exceeding cable at 34.4% and broadcast at 21.6%⁽¹⁾
 - Broadcast viewing dropped 9.8% YoY and cable viewing dropped 8.9% YoY in July 2022, whereas streaming viewing increased 22.6% YoY⁽¹⁾
- Other Top 100 networks with a niche angle saw moderate YoY growth:
 - Paramount Network (Yellowstone) up 8%, Family Entertainment TV up 14%, and Great American Family (holidays) up 22%
- Adult animation saw a resurgence with FXX growing 23% YoY by bundling hit animation shows such as Cleveland, Family Guy, and The Simpsons

Winners in 2022

ESPN

- ESPN remains one of the few bright spots left in cable
- In 2022, ESPN primetime viewership continued its robust revival, growing another 14% YoY, while its sister network, ESPN 2, also increased viewership by 8% YoY
- This rise in viewership bucked the trend as other popular sports channels (Fox Sports 1, NFL Network, TUDN, and MLB Network) saw viewership declines in 2022

Crime TV

- True crime linear TV viewership showed a marked improvement
- NBCUniversal's Oxygen (rebranded as Oxygen True Crime) saw a 10% YoY increase in primetime viewership largely due to popular series such as the Snapped franchise
- Reelzchannel primetime viewership also climbed to ~252k (+107% YoY growth) largely due to the hit show On Patrol: Live

Diginets

- Low-budget digi-nets that run on local TV subchannels retained their recent dominance of ratings growth
- Digi-net mainstays Ion and Me TV continued to exhibit sustainable growth in 2022
- Other notable digi-nets experiencing YoY growth include Cleo TV (+44%), Dabl (+28%), and Family Entertainment TV (+14%)

Losers in 2022

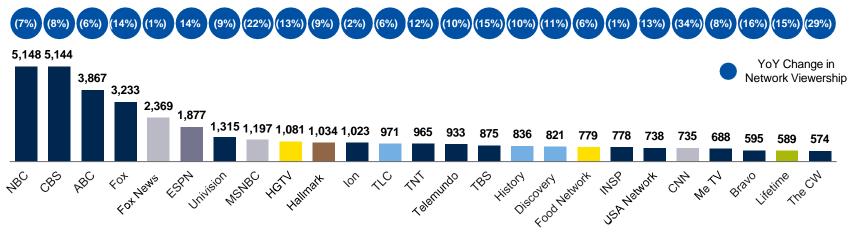
Cable General Entertain ment Networks

- The erosion of major general entertainment networks (FX, TNT, TBS, and USA) continued in 2022
- TNT and TBS both slipped below an average of 1mm primetime viewers while viewership for USA and FX also declined
- Paramount Network avoided this trend, largely due to the success of Yellowstone but still experienced declines in the key 18-49 adults demographic

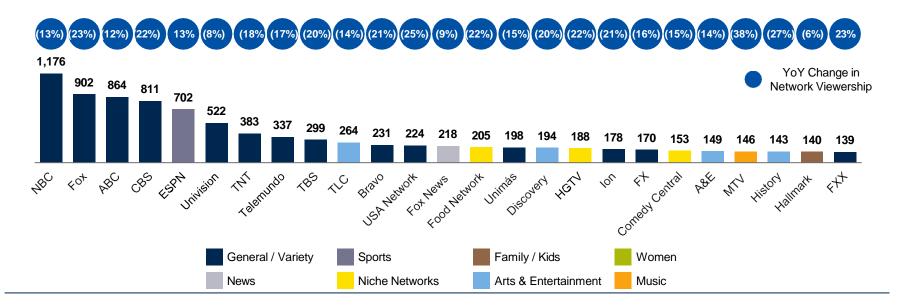
Gaming

- Gamer-centric cable networks continue to struggle with primetime viewership
- G4, Comcast's sports and esports division, was the least watched network for every network that Nielsen measures
 - Scoring a zero rating in the key 18-49 adults demographic
 - Averaging a paltry 1,000 primetime viewers

Top 25 Most-Watched Networks of 2022 by Total Viewership (in 000's)

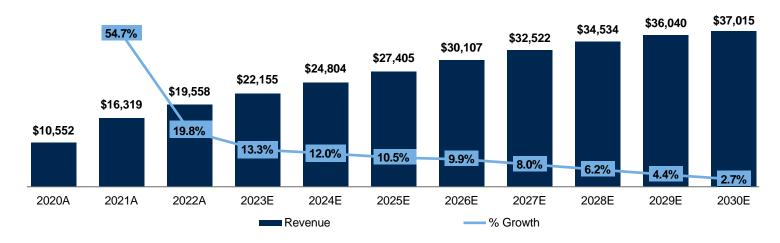


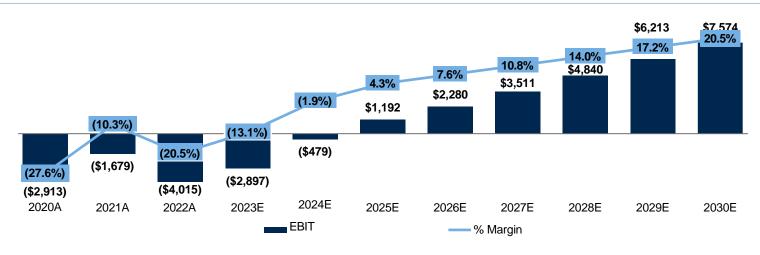
Top 25 Most-Watched Networks of 2022 by Adults 18-49 Viewership (in 000's)



Discounted Cash Flow Analysis Assumptions – DTC Disney Case Study

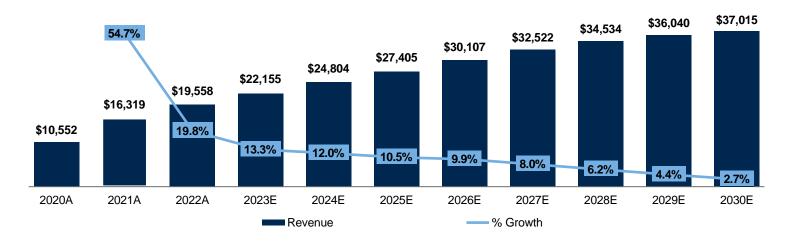
Revenue Projections

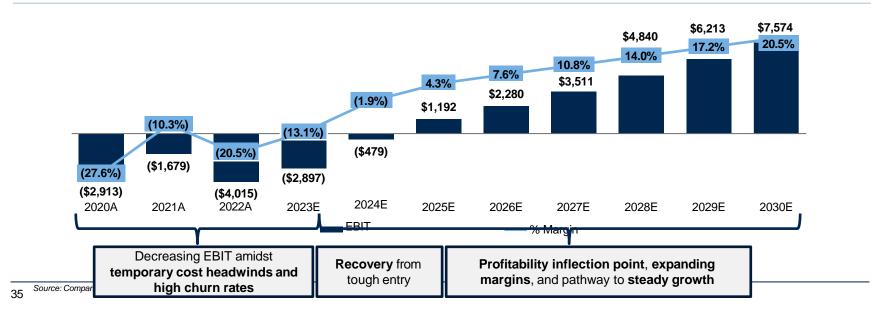




Discounted Cash Flow Analysis Assumptions – DTC Disney Case Study

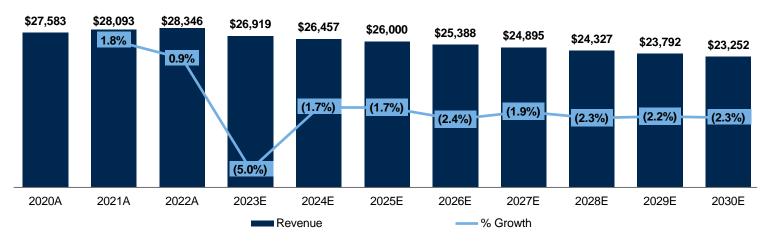
Revenue Projections

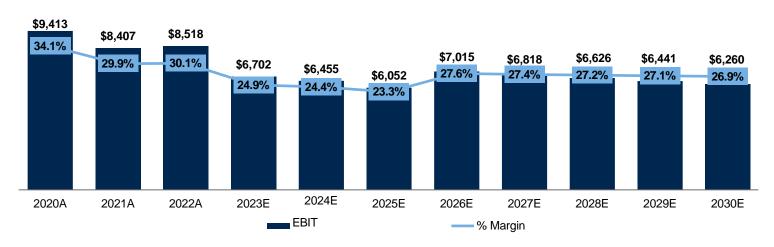




Discounted Cash Flow Analysis Assumptions – Linear Networks Disney Case Study

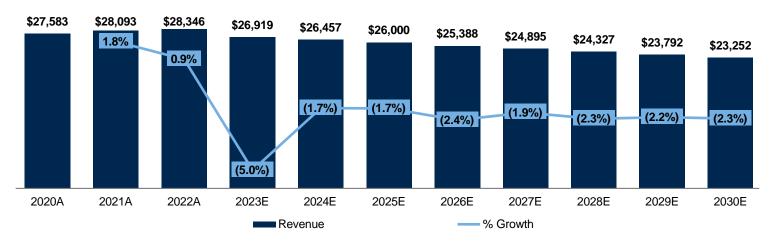
Revenue Projections

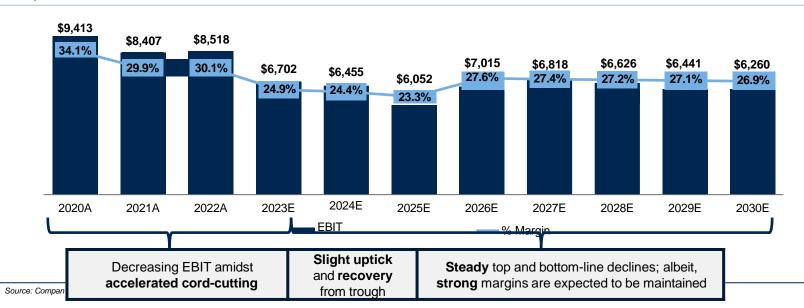




Discounted Cash Flow Analysis Assumptions – Linear Networks Disney Case Study

Revenue Projections





Desautels Capital Management

Honours in Investment Management

Payment Industry

Section III

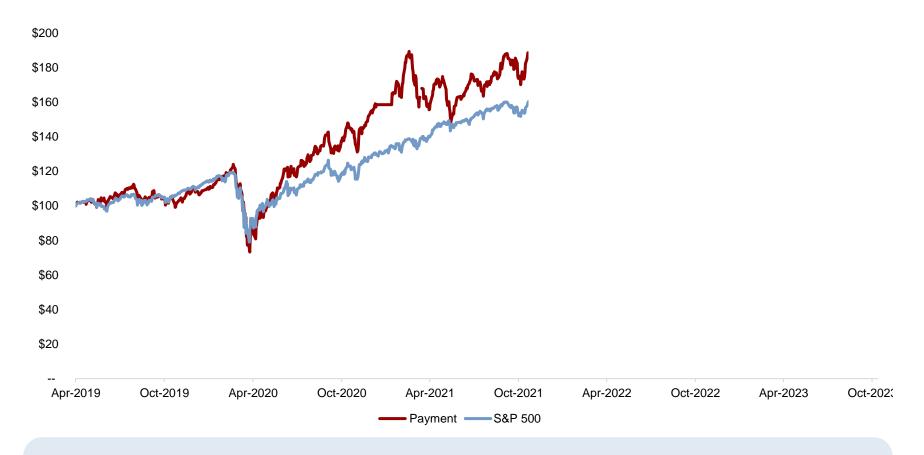






Why Does This Opportunity Exist?

Extrapolation bias creates a psychological pitfall we can exploit for alpha

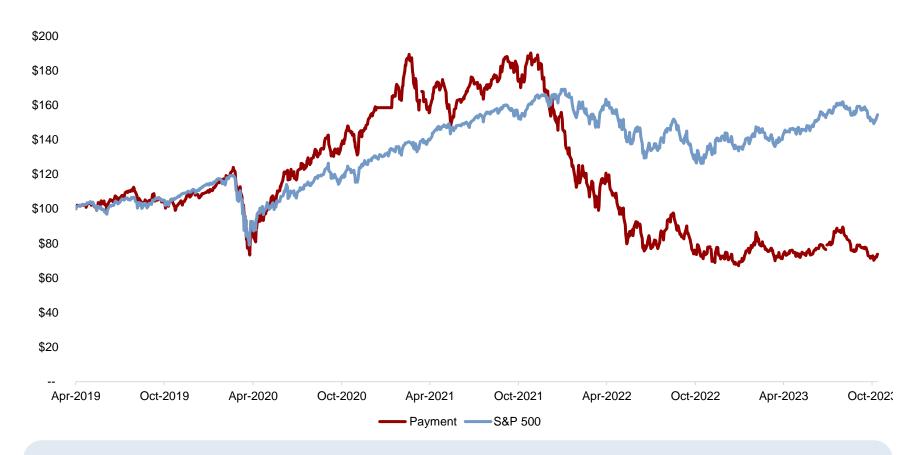


- When COVID hit, millions of consumers increased their online shopping. Payment companies are natural beneficiary.
- Many investors linearly extrapolated this growth far into the future, bidding their stock price up.



Why Does This Opportunity Exist?

Extrapolation bias creates a psychological pitfall we can exploit for alpha

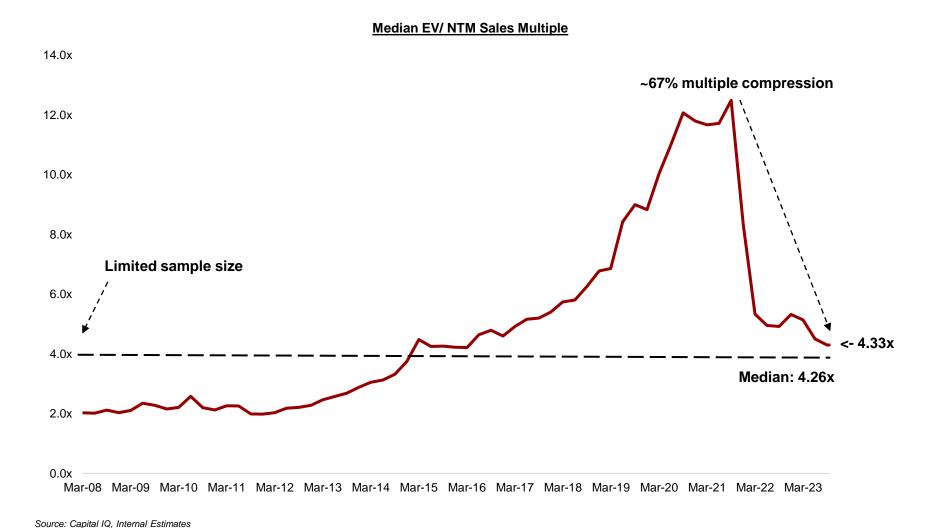


• Now as COVID wanes, many players suffer <u>extrapolation bias</u> from the opposite direction. We argue this current downturn caused by transitory issues is as misleading as the initial surge.



EV/NTM Sales have compressed significantly

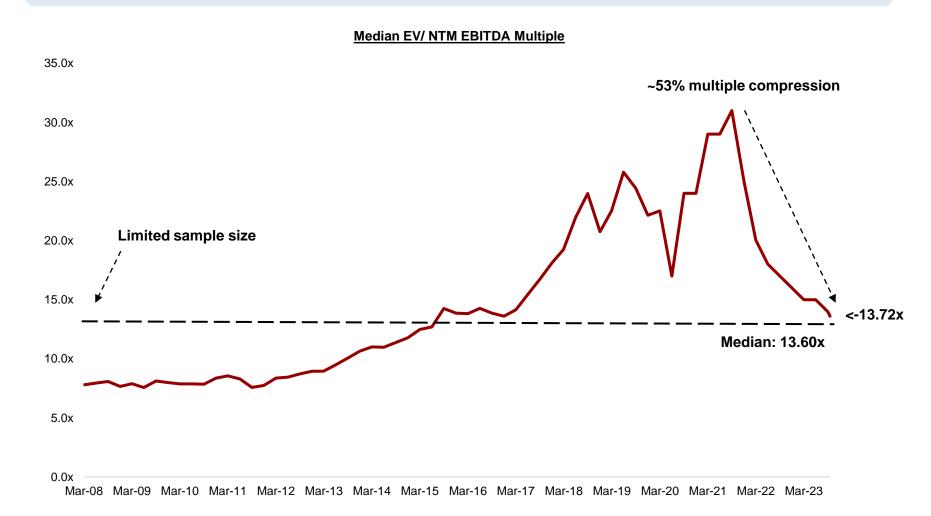
Median digital payments EV / NTM sales multiple has compressed significantly and is siting near long-term average



DECALITE Capital Management

EV/NTM EBITDA have compressed significantly

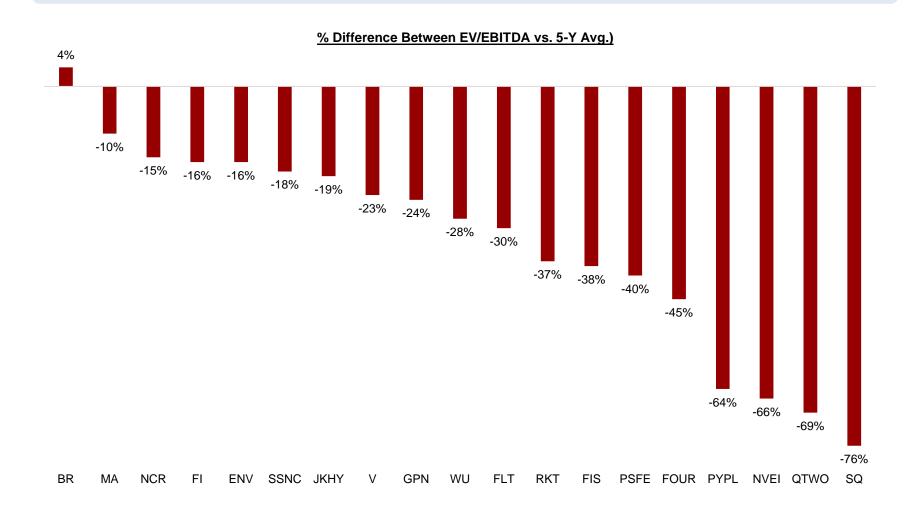
Median digital payments EV / NTM EBITDA multiple has compressed significantly and is siting near long-term average



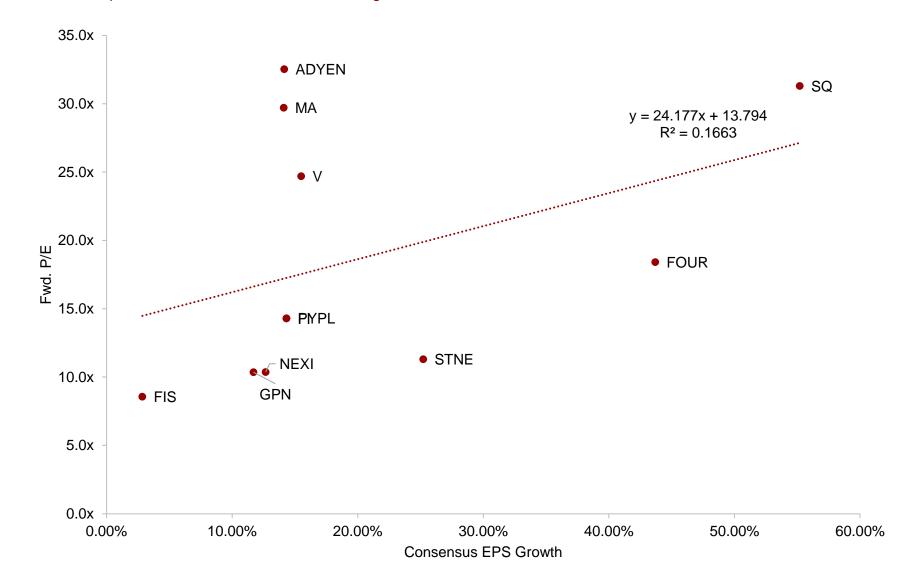


Multiples have come down significantly compared to the 5-Y Avg.

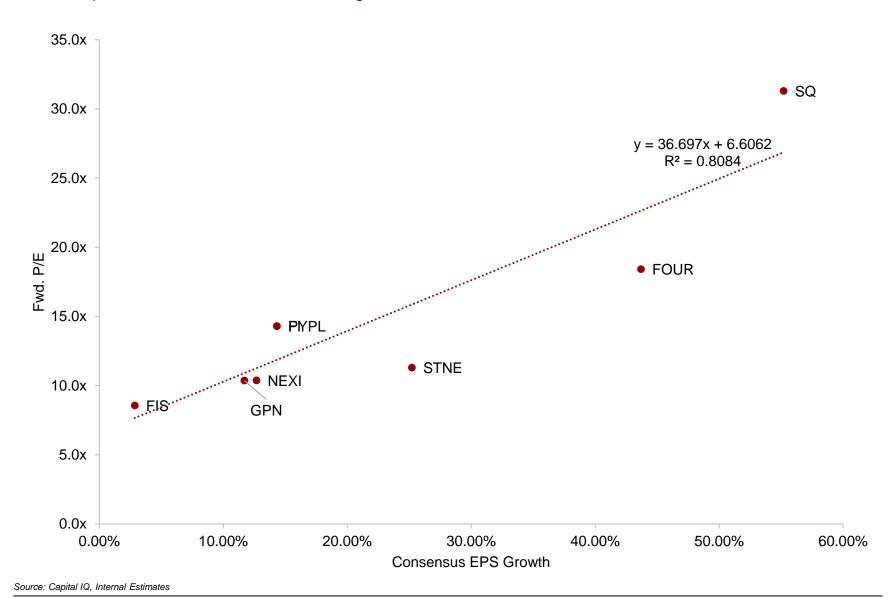
Many payment players are trading significantly below their 5-Y Avg



Relationship between 2-Y Fwd. consensus EPS growth and Fwd. P/E

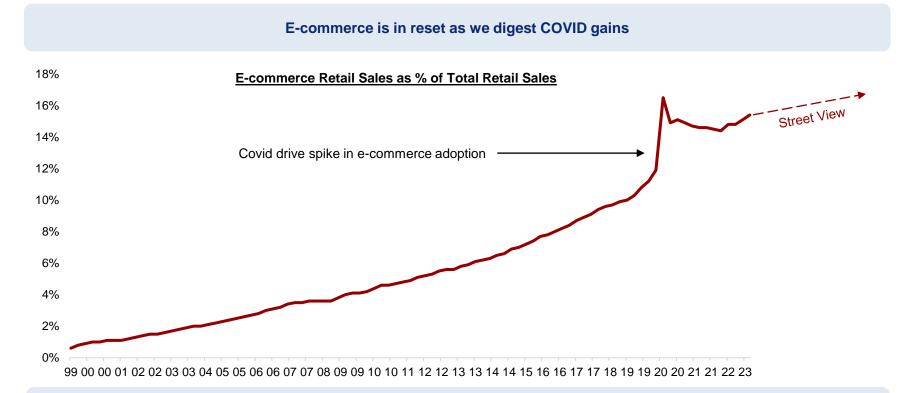


Relationship between 2-Y Fwd. consensus EPS growth and Fwd. P/E



E-Commerce – Key EPS Growth Driver

Sudden upward and downward inflections in demand put many companies exposed to e-commerce at a disadvantage



Consensus View

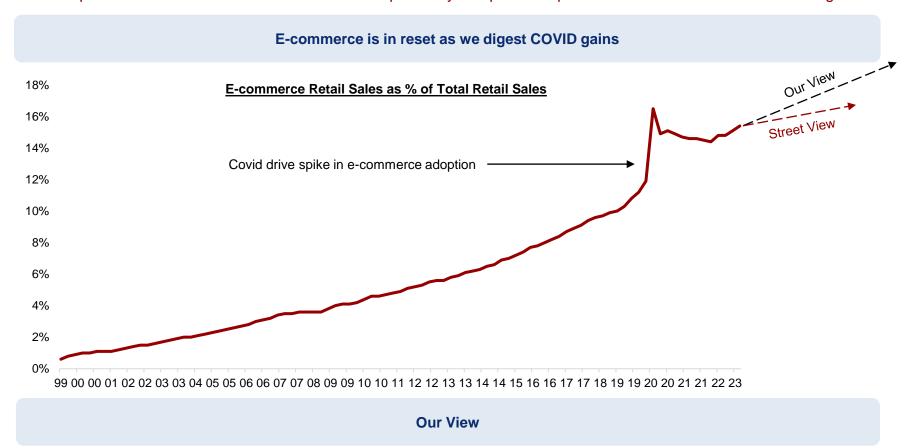
- The current sentiment is negative. Street points to high interest rates, inflation, low consumer confidence and other macro headwinds as key challenges for e-commerce.
- · "The pull forward of digital spending from the pandemic may have borrowed some growth from the future. HSBC
- E-commerce spending has been muted...following a choppy earnings season as <u>inflationary pressures and rising interest rates</u> weight on." -Needham
- "...we expect ongoing macro headwinds to continue to pressure base growth. CS
- Our outlook on [E-commerce] depends on the health of the consumer and macro headwinds. TD Cowen





E-Commerce – Key EPS Growth Driver

Sudden upward and downward inflections in demand put many companies exposed to e-commerce at a disadvantage



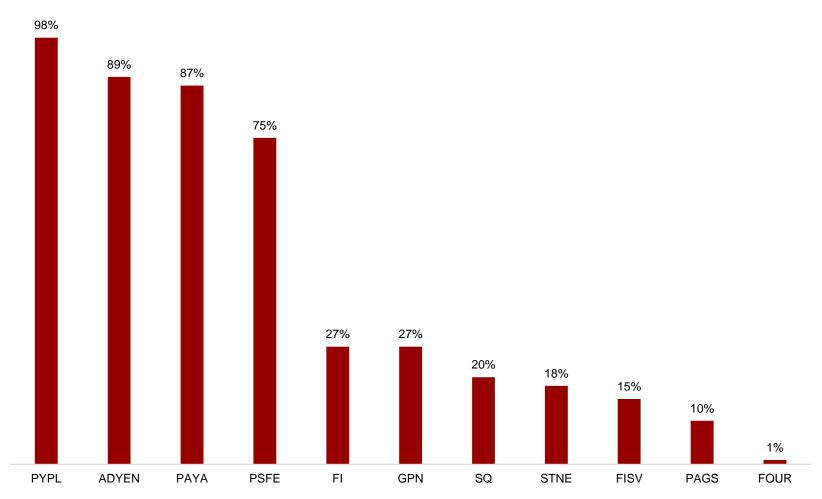
- Our contrarian view is rooted in time horizon arbitrage.
- We agree that macro issues are material risks, but they are short-term in nature. Looking 2-5 years out, e-commerce will return to 7-10% annual growth rate. We believe this is a great opportunity to take advantage market's short-term extrapolation.
- U.S. e-commerce is still under penetrated, only representing ~20% of the total retail sales.
- The e-commerce industry will continue to grow much faster than broad retail due to increasing internet penetration, rising smartphone adoption, and changing consumer preferences.



Company Exposure

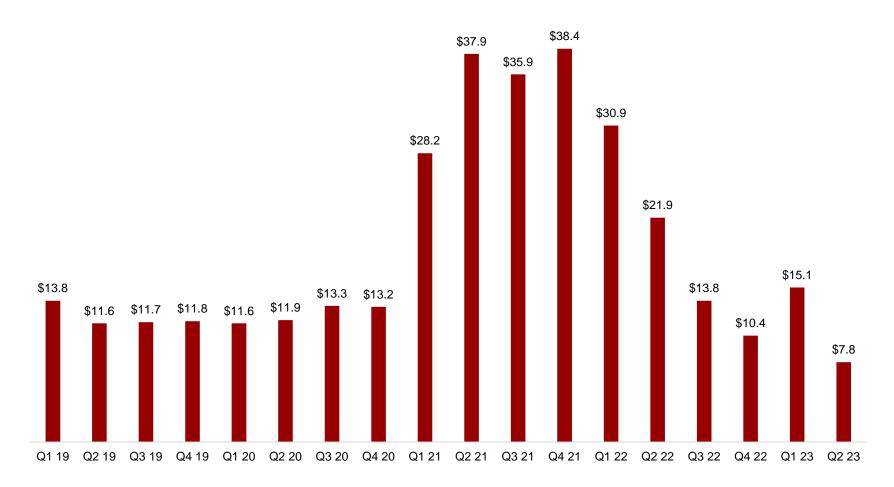
Sudden upward and downward inflections in demand put many companies exposed to e-commerce at a disadvantage

Payment companies' estimated exposure to e-commerce



Industry consolidation will continue over the next several years

One of the largest fintech acquisition cycles occurred during COVID which has now come down materially

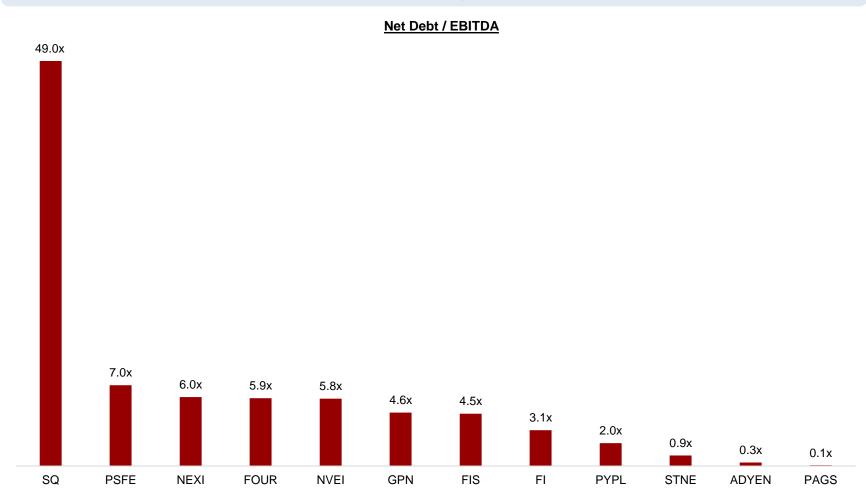






Industry consolidation will continue over the next several years

As 1) smaller firms face cash shortages and 2) valuation come down from COVID highs, we see greater interest in M&A from well-capitalized incumbents



AI – Key EPS Growth Driver

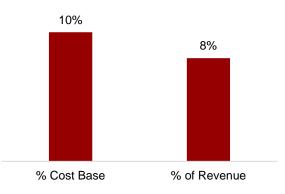
Al presents material cost-cutting optionality

So far, Street has mostly focused on the benefit of Al on the revenue front...

- By utilizing advanced analytics and Al/ML tools atop droves of transactional data, the <u>organizations can better target new customers and</u> <u>serve existing ones</u> via more seamless and personalized interactions TD Cowen
- The use of artificial intelligence (AI) is an important component of efforts to better secure data and promote cybersecurity. HSBC

...but we think AI can benefit payment companies on the cost front as well

PYPL's Customer Service & Support Expense



We believe the **cost-cutting optionality with AI** to reduce customer service & support expense over time will lead to **a step-change in EPS growth**.

Management & Street Commentary

- "We expect <u>AI will enable us to meaningfully lower our costs</u> for years to come" PYPL Q1, FY23 Earnings
- Generative AI will serve to further these propositions and more, and <u>support companies in</u> customer service/virtual assistant activities TD Cowen
- We think the <u>street recognizes the potential</u> EPS growth impact of AI but <u>don't</u> <u>know how to model it</u>.
- <u>Lack of formal forecast/target</u> as well as <u>timing uncertainty</u> cause this material optionality to be largely ignored.
- The right strategy for a patient investor is to <u>simply buy-and-hold</u> PYPL shares for a few years, but the sell-side is financially incentivized not to give that advice because such a strategy generates very little trade volume flow for their bank's trading desks.

Source: Capital IQ, Equity Research, Internal Estimates

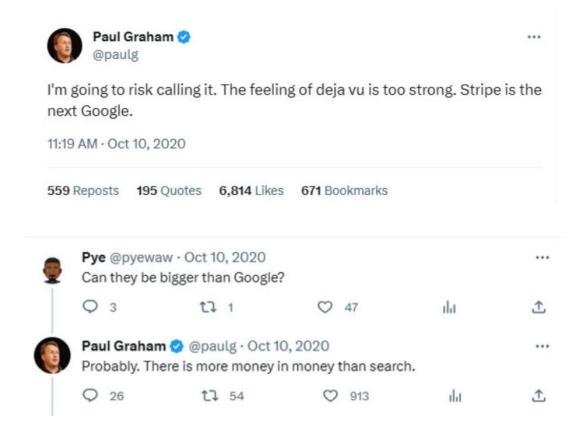




The Dominance of the Payment Industry

Bigger than Google?

We agree with Paul that payment is bigger than advertising and that it stands to be the most attractive industry to be in



Conclusion

Just to sum up everything



• The median digital payment stock is down significantly over the past two year.



• The median EV / Sales multiple for digital payment stocks have compressed significantly below their 5-Y average and is back in line with their 15-Y average.



• Revenue and EPS growth Y/Y estimates have come down significantly, but we think the long-term drivers are still intact and the future looks bright.



• The payment industry is one of the most attractive industry to be in; the key is to identify the ultimate winner.



• Given attractive risk/reward profile, we believe this to be a very exciting time to deploy capital to payment companies.



• The large cap digital payment stocks are great businesses despite some short-term transitory issues. Their unique combination of global reach, scale, and strong free cash flow generation have resulted in best-inclass returns and may continue for many years into the future.

Desautels Capital Management

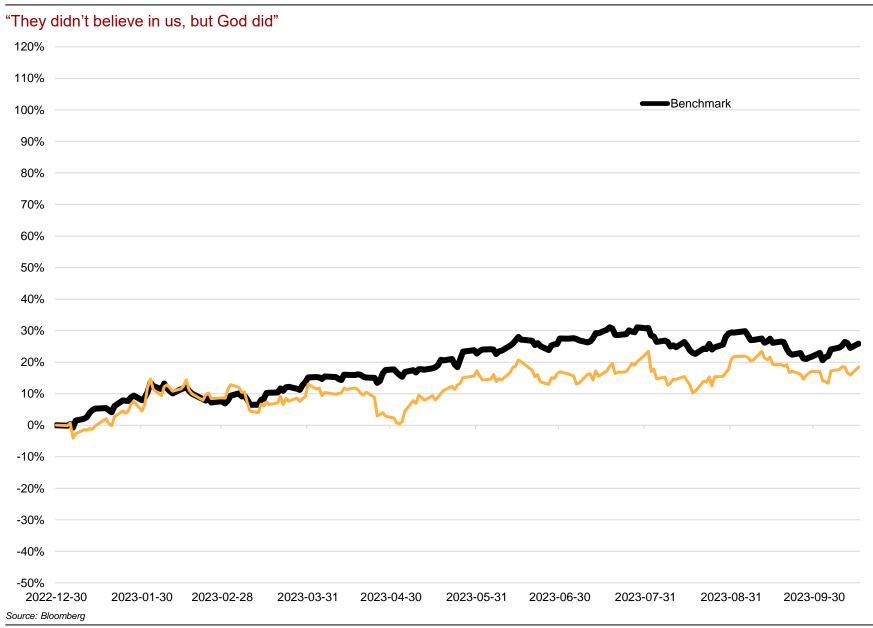
Honours in Investment Management

Holdings Review

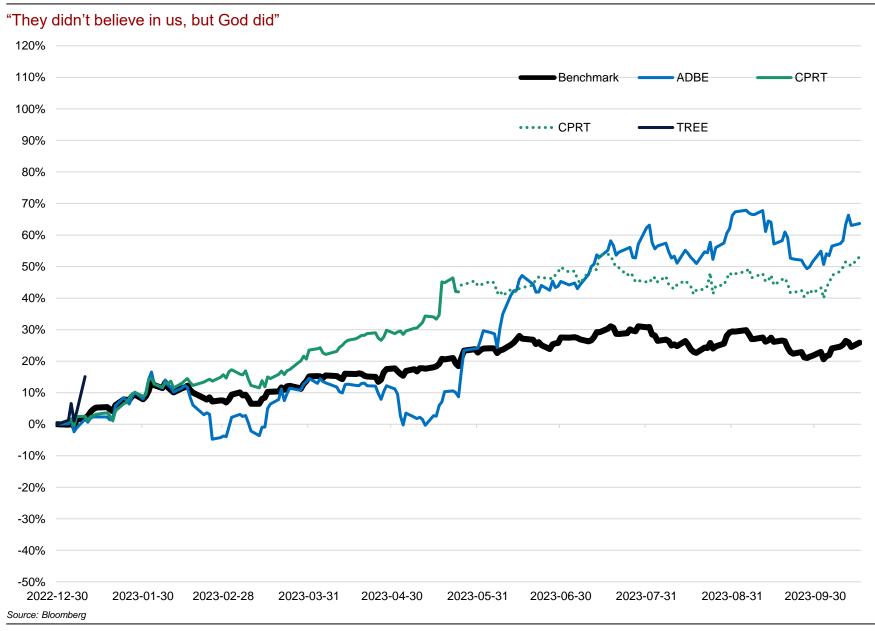






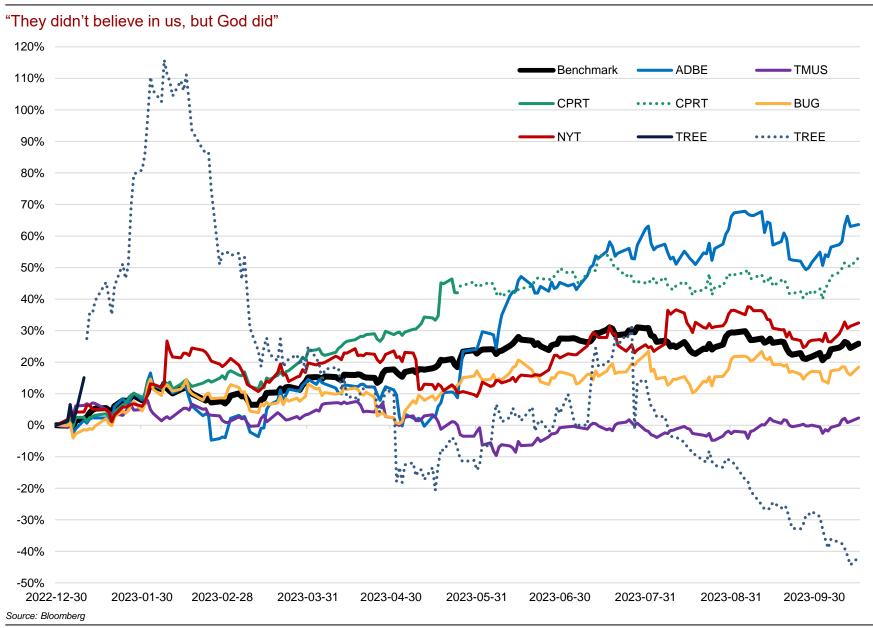


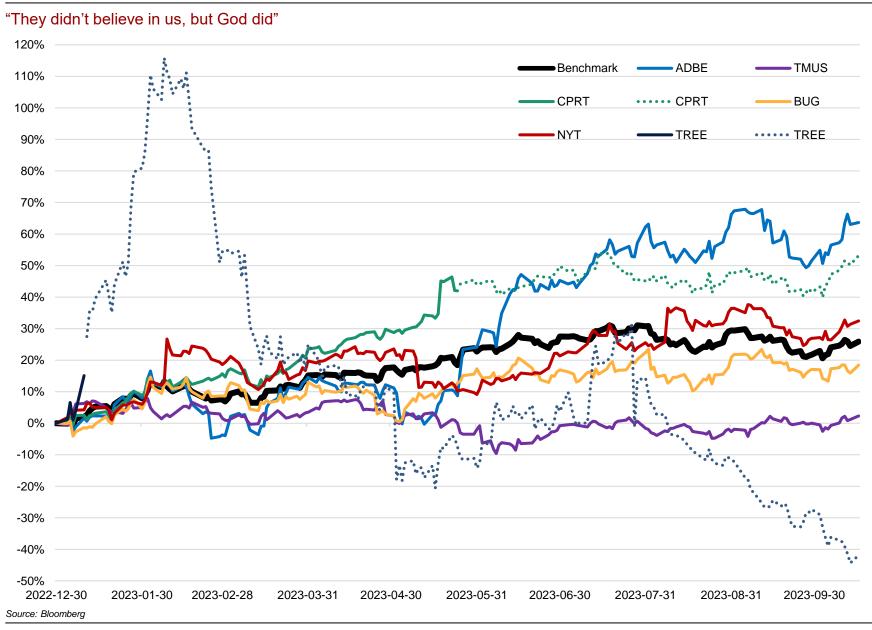






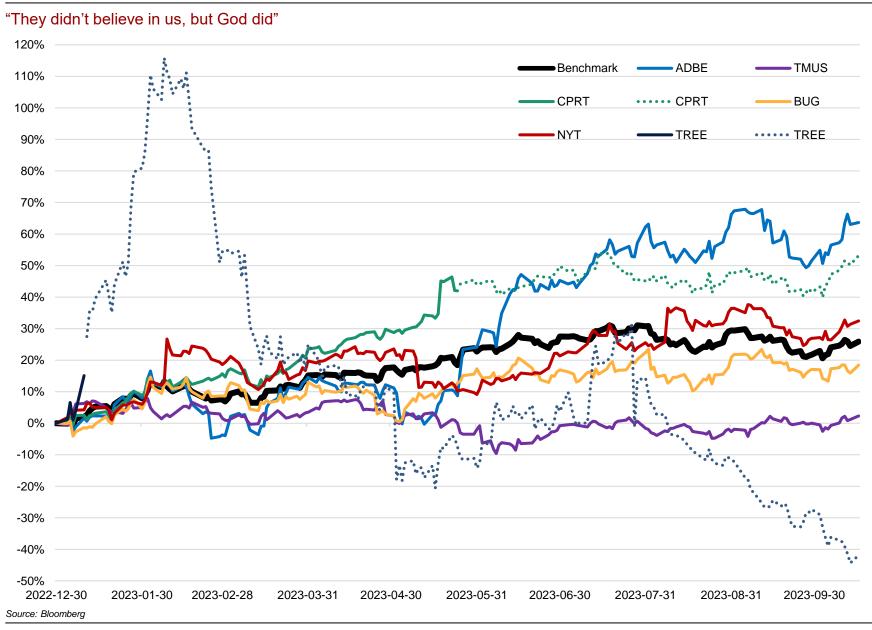






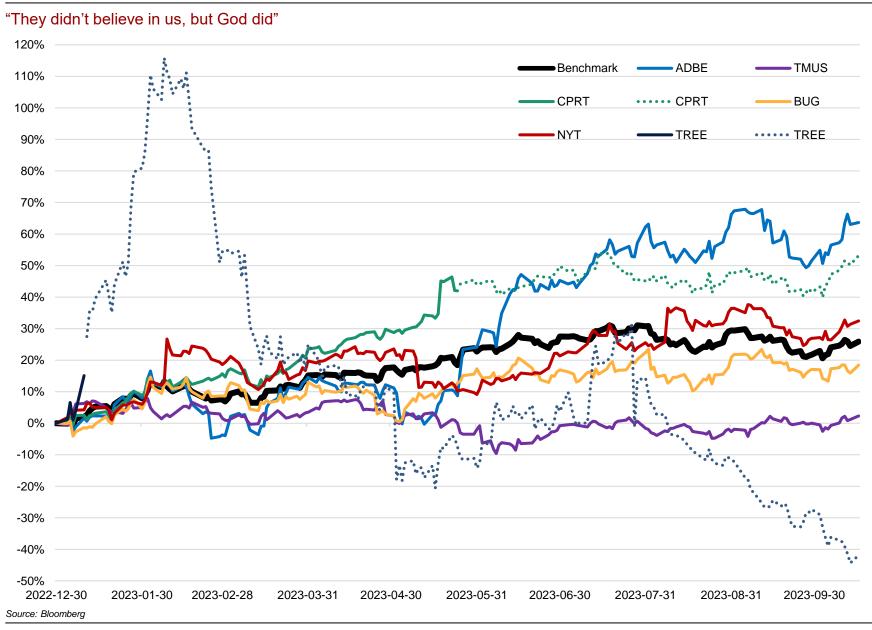














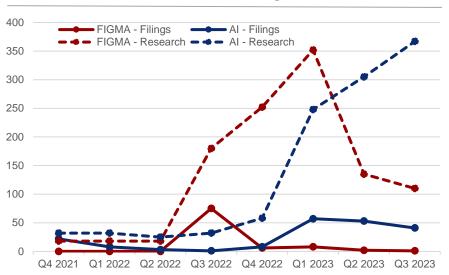


ADBE Review

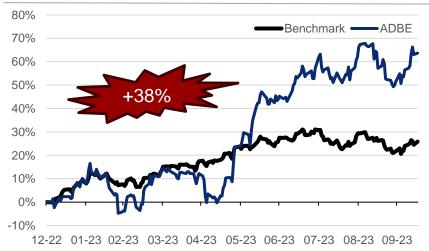
On-Brand TMT Outperformance

Number of Mentions in Research and Filings

Our Take On Market Narrative



YTD Outperformance Update

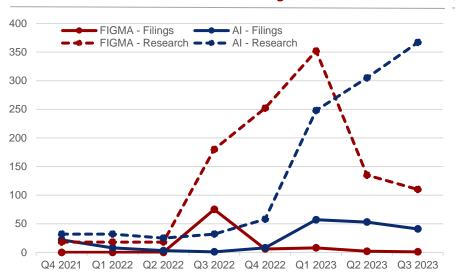


Source: Bloomberg

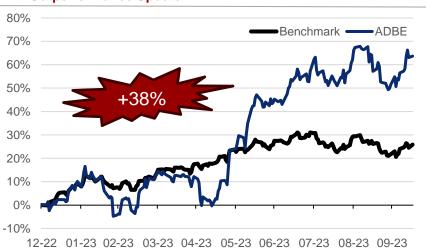
ADBE Review

On-Brand TMT Outperformance

Number of Mentions in Research and Filings



YTD Outperformance Update



Our Take On Market Narrative

What does the street think

 Street 2025+ EPS Estimates have only slightly budged after Sep. 2022 20%+ fall

Significant growth levers

- Owning Input Data
- Leveraging Existing Creative Momentum
- LTV/CAC Improved
- Winner in Creative Media Disruption

Much remains to be seen

- Pricing
- TAM Growth
- TAM
- Regulatory Hurdles

Quick Note on Figma deal

- Value Destruction Questions
- Bigger Picture



Source: Bloomberg



On-Brand TMT Outperformance

Green Line = +/-1 SD White Line = Hist. Average



Source: Bloomberg



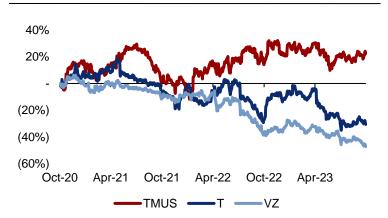
T-Mobile Remains Strongest Player in the Telecom Space

Key Insights From the Past Year

Competitive Landscape

- · TMUS continues to gain market share from its peers
 - · Strong Postpaid adds
 - · Lowest in Industry Churn
- TMUS remains ~2 years ahead of competition in 5G race with >50% 5G share coverage

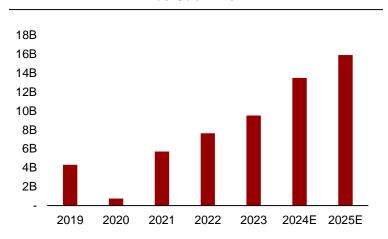
3-year Performance



Returning Capital to SH

- TMUS announced a 19bn shareholder return program from 4Q23 to YE24
- · Announcement of 3bn annualized dividend
- The company also reiterated their target of returning 60bn to shareholders by mid 2026

Free Cash Flow



Leading position enables them to return capital to shareholders

Sources: Equity Research (RBCCM, WF, HSBC, DB, BNP), Bloomberg, Caplq

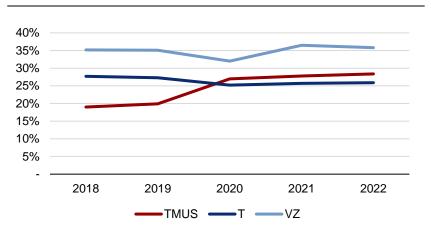




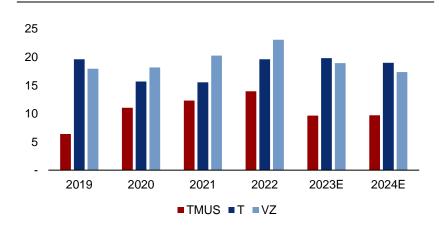
T-Mobile

Comparing the 3 Main Players

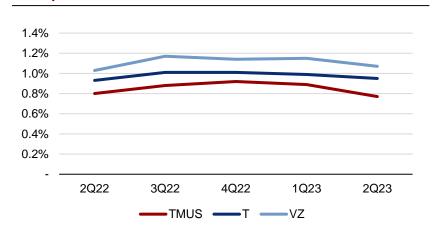
Wireless Subscribers Market Share



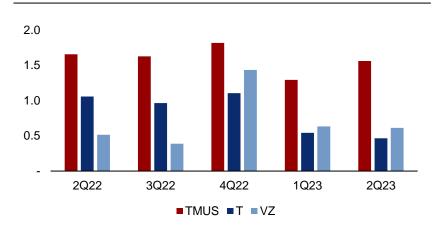
Capital Expenditures (USD Bn)



Postpaid Churn



Postpaid Subscribers Net Additions (Bn)



T-Mobile continues to outperform peers in key metrics

Sources: Bloomberg





Taking a look at our thesis

Thesis Revisited

Old Theses Now Materialized

Thesis 1

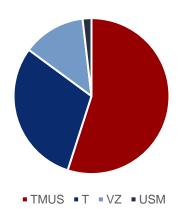
T-Mobile's First-Mover Advantage is Undervalued



Thesis 2

Market underestimating the risks associated with new 5G rollout Category

5G Coverage Share by carrier



Where we See New Opportunities

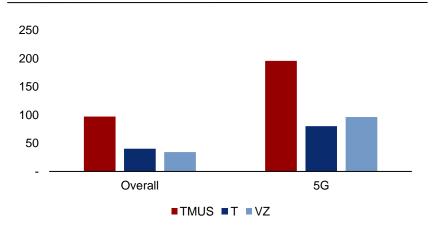
Opportunity for margin expansion

- TMUS plans generally are ~10-15% cheaper
- Overall quality higher than both T and VZ

New growth avenues may not be priced in

- Enterprise and rural markets as near-term initiatives
- Potential to enter the fiber optic market

5G and Overall Mobile Download Speed



We believe we should HOLD T-Mobile further as the company maintains its leading position in the Telco space

Sources: Equity Research, Bloomberg, Caplq

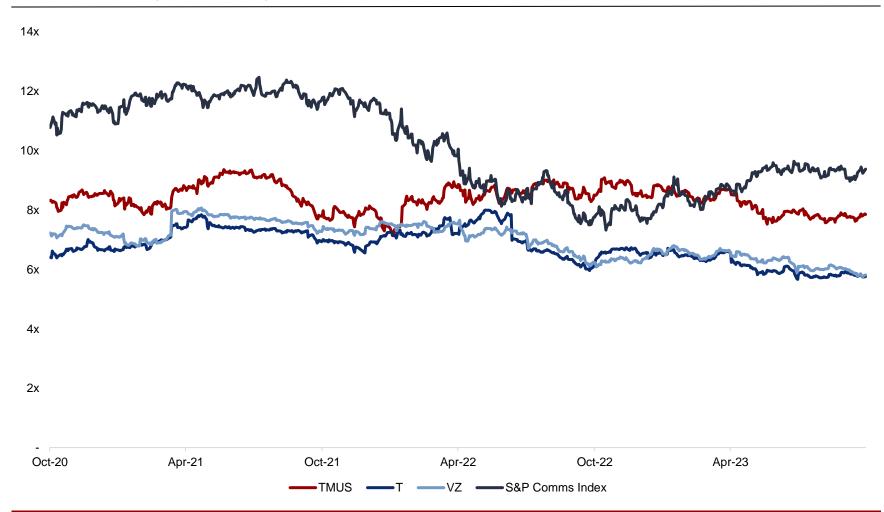




T-Mobile

Valuation

EV / EBITDA for Major Telecom Players



TMUS continues to trade at a premium which we believe is granted given recent performance

New York Times

Story still makes sense

Thesis Still Holding

1

Brand Prestige Will Attract Customers

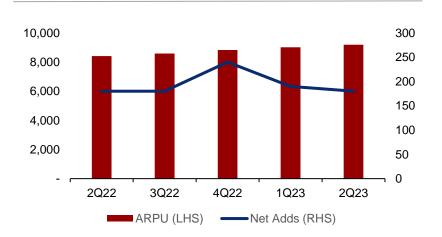
(2)

Low Churn Will Be Maintained

3

NYT May be Able to Capitalize on the Fringe

Digital-only ARPU and Net Adds ('000)



3-year Performance



Strategic Focus on Bundling

Strategic acquisitions

Audm

Wordle

The Athletic

Value Drivers

Higher ARPU

Maintain Net Adds

Broader Viewer Base

NYT subscriber growth story remains clear, so we recommend a HOLD

Sources: Company filings, Equity Research, Bloomberg, Caplq

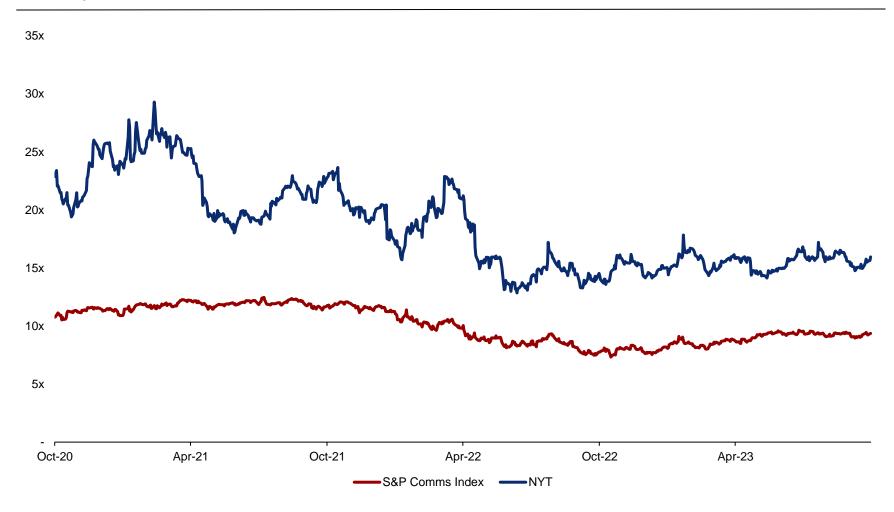




New York Times

Valuation – NYT continues to trade at a premium to the communications index

NYT EV / EBITDA



NYT currently trades on par with its historical average of 21x EV / EBITDA

Desautels Capital Management

Honours in Investment Management

Appendix



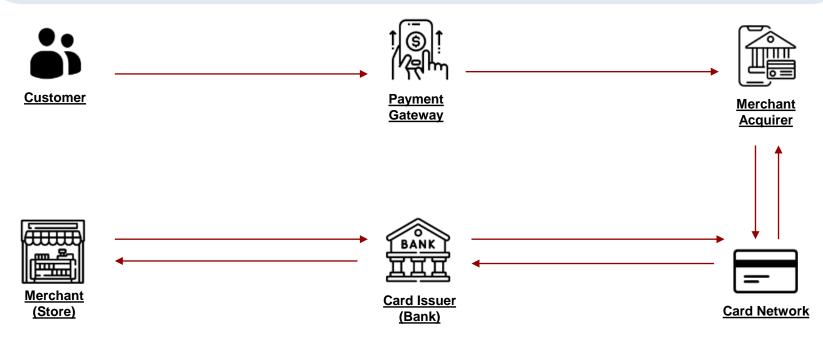




How Online Payment Works

Payment 101

- 1. Customer picks item and goes to checkout.
- 2. Customer selects payment method.
- 3. The chosen payment gateway processes and forwards the transaction details to the merchant's acquirer.
- 4. The acquirer checks for fraud and ensuring the merchant adheres to necessary regulations.
- 5. The acquirer then communicates with the relevant card network who has ensures that payments align with banking standards.
- 6. The cardholder's issuing bank confirms the legitimacy of the cardholder and ensures adequate funds are present.
- 7. The issuing bank then communicates approval or denial back to the merchant through the same chain, finalizing the transaction.

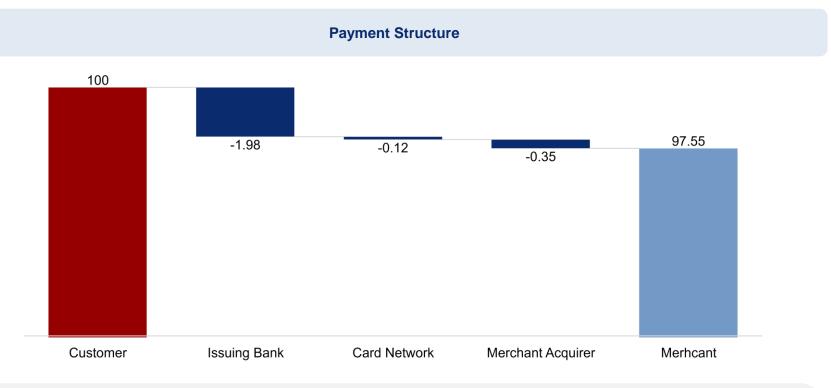


Source: Capital IQ. Equity Research, Internal Estimates



Example Of Fees That May Accrue To Each Party

How do each player make money on a simple transaction?



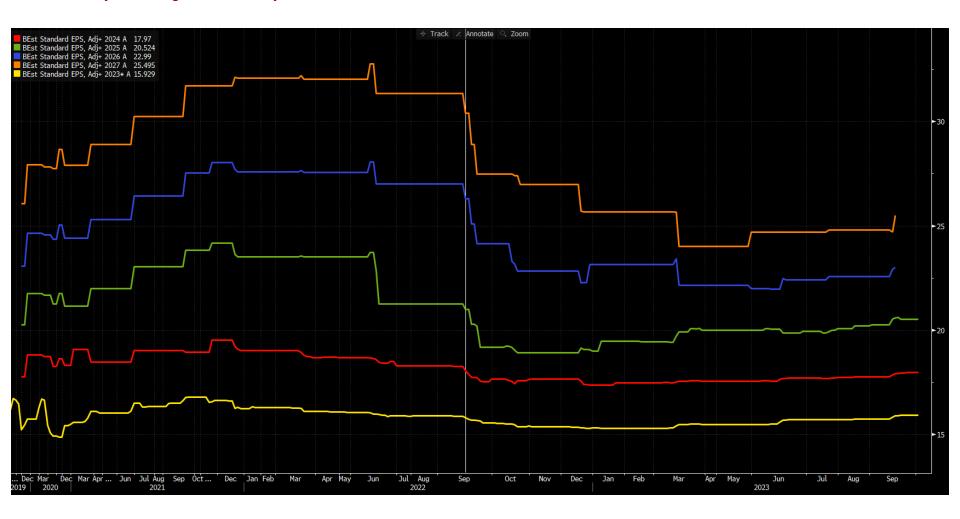
- Interchange Fee: It's paid to the issuing bank (the bank that provided the credit card to the customer). This fee compensates the issuing bank for the risk and cost of offering credit.
- Assessment Fee: It's paid to the card networks, such as Visa or Mastercard. It's a fee they charge for using their infrastructure and network.
- Payment Processing Fee: Charged by the merchant acquirer (the financial institution that processes credit or debit card payments on behalf of a merchant).

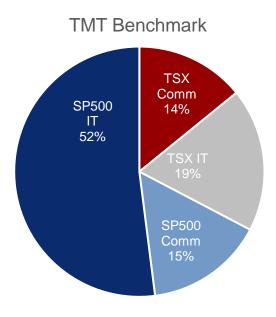
Source: Capital IQ, Equity Research, Internal Estimates



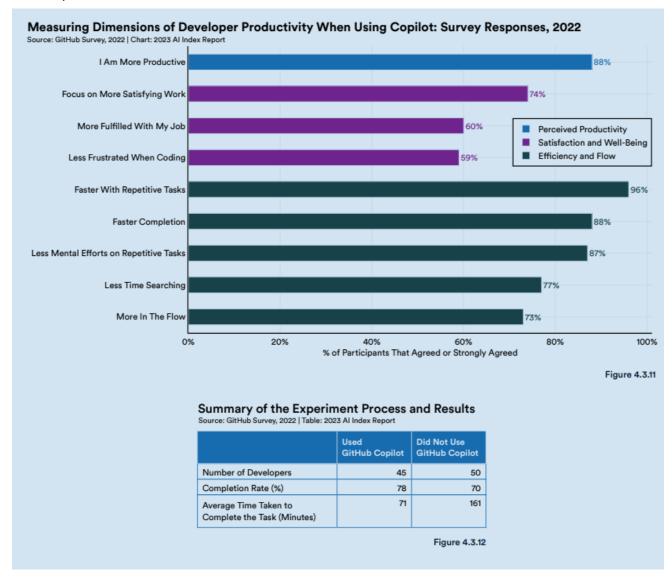
ADBE Street Estimates

How they've changed since last year





Specific Narrative Deeper Look



Source: Stanford

