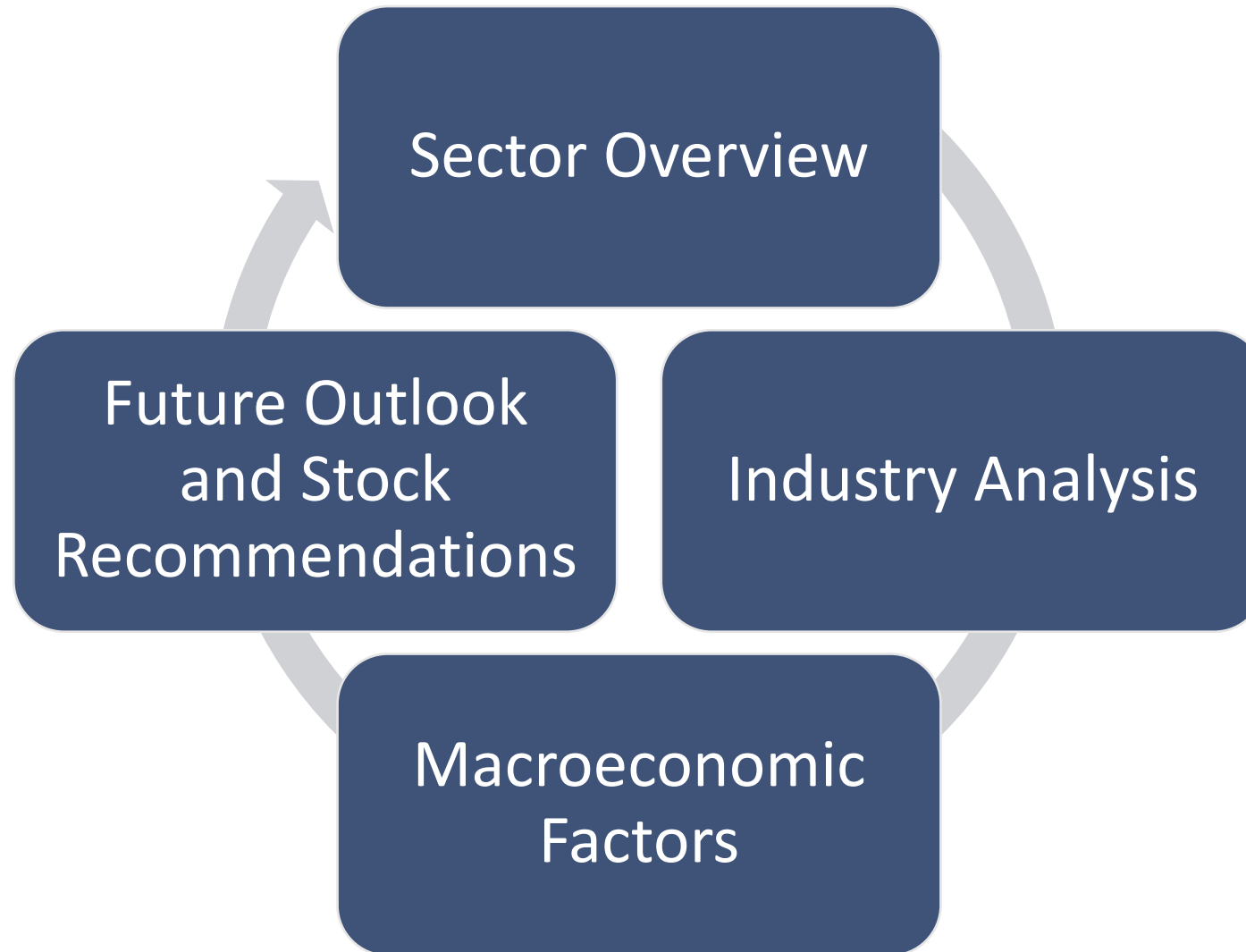


Information Technology B & Communications

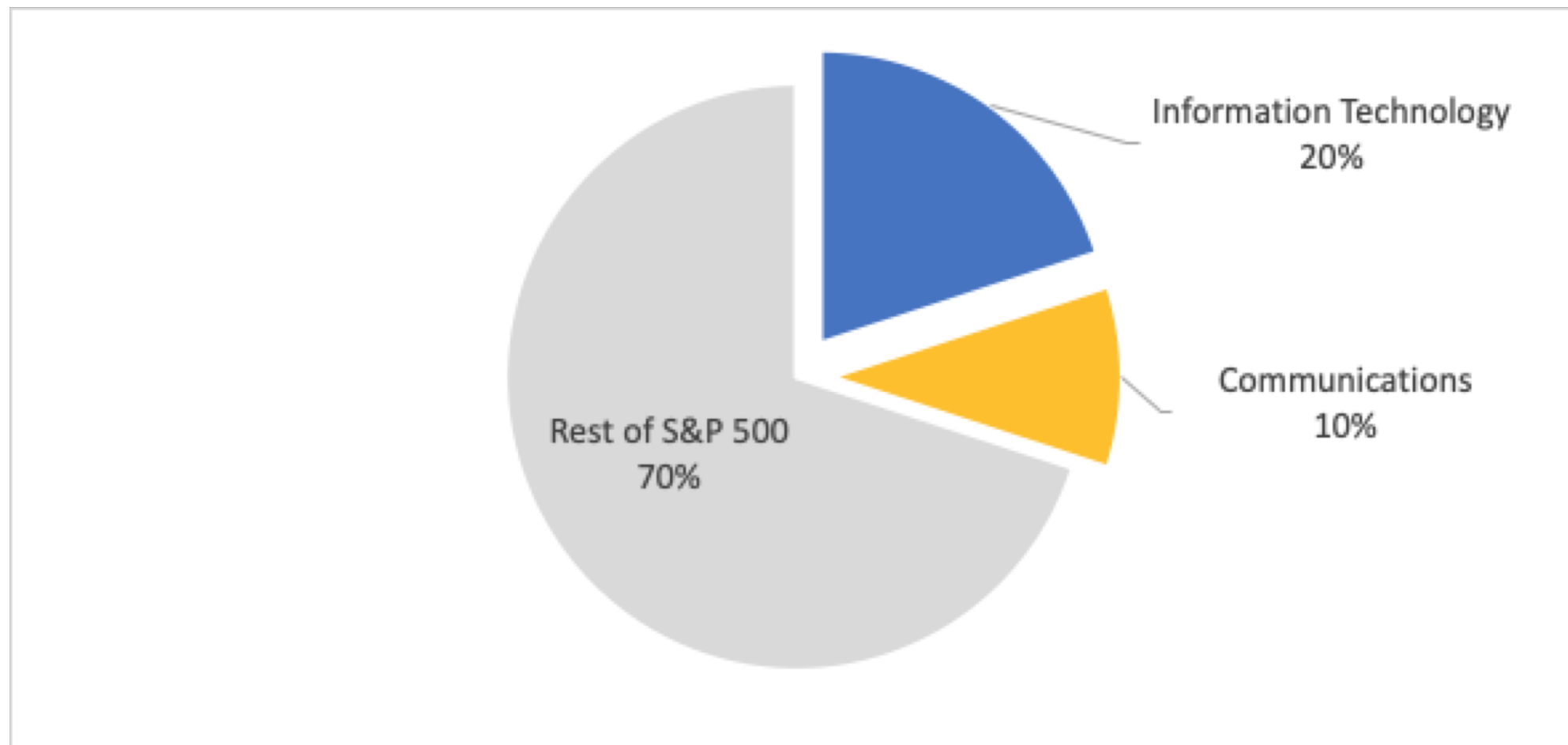
Chase Lawinger & Brett Geurts
Senior Analysts: Ryan Ring & Hunter Eiden

Agenda



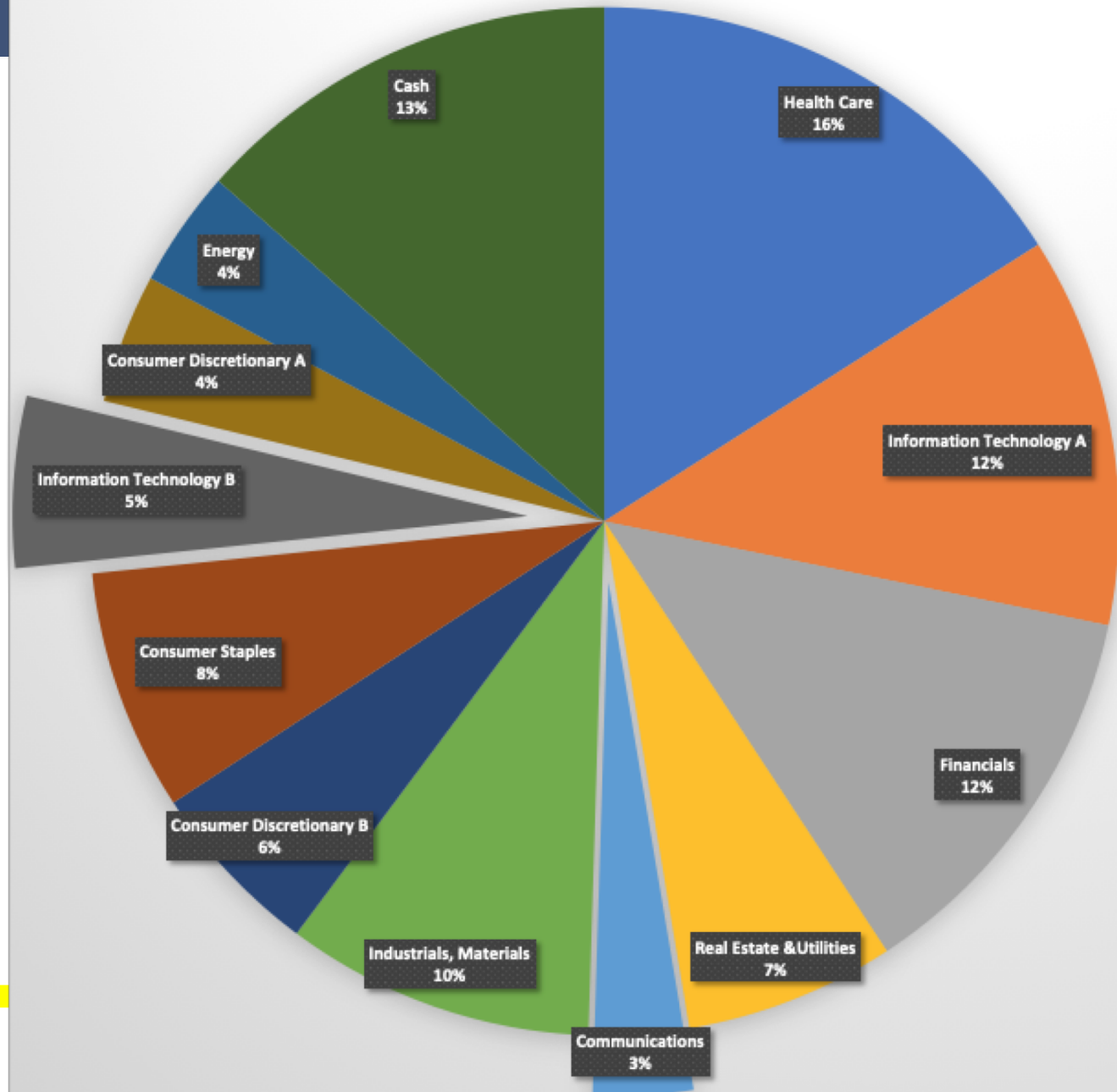
Sector Overview

S&P 500 Sector Weight

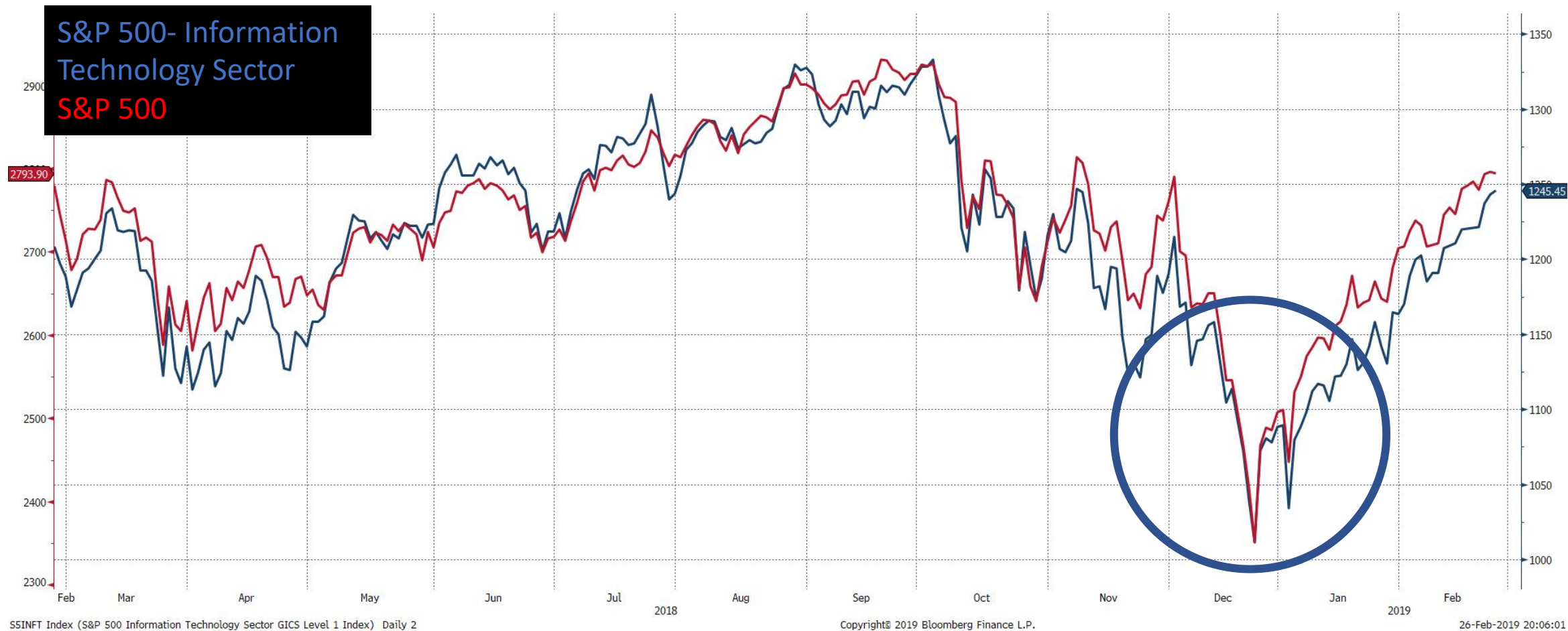


UWEC Portfolio Allocation

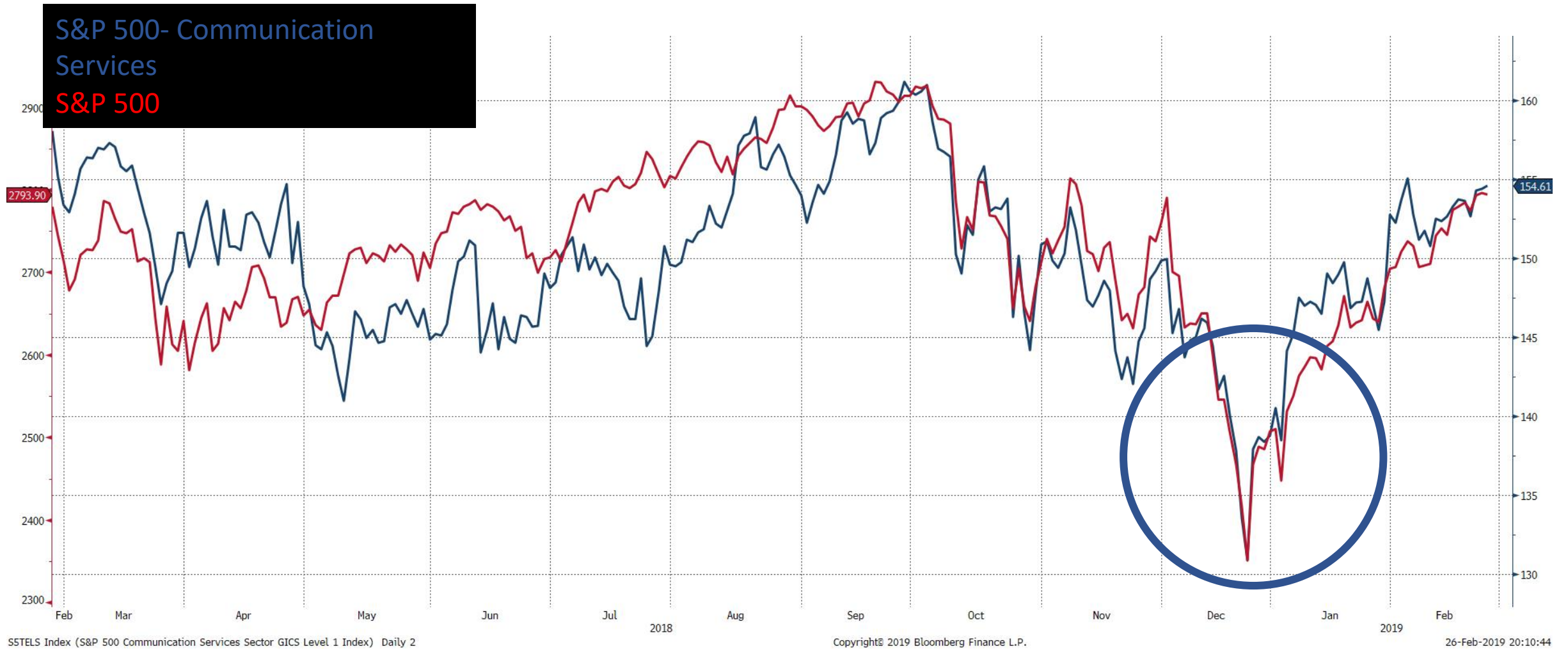
5



S&P 500 Compared to Industry



S&P 500 Compared to Industry

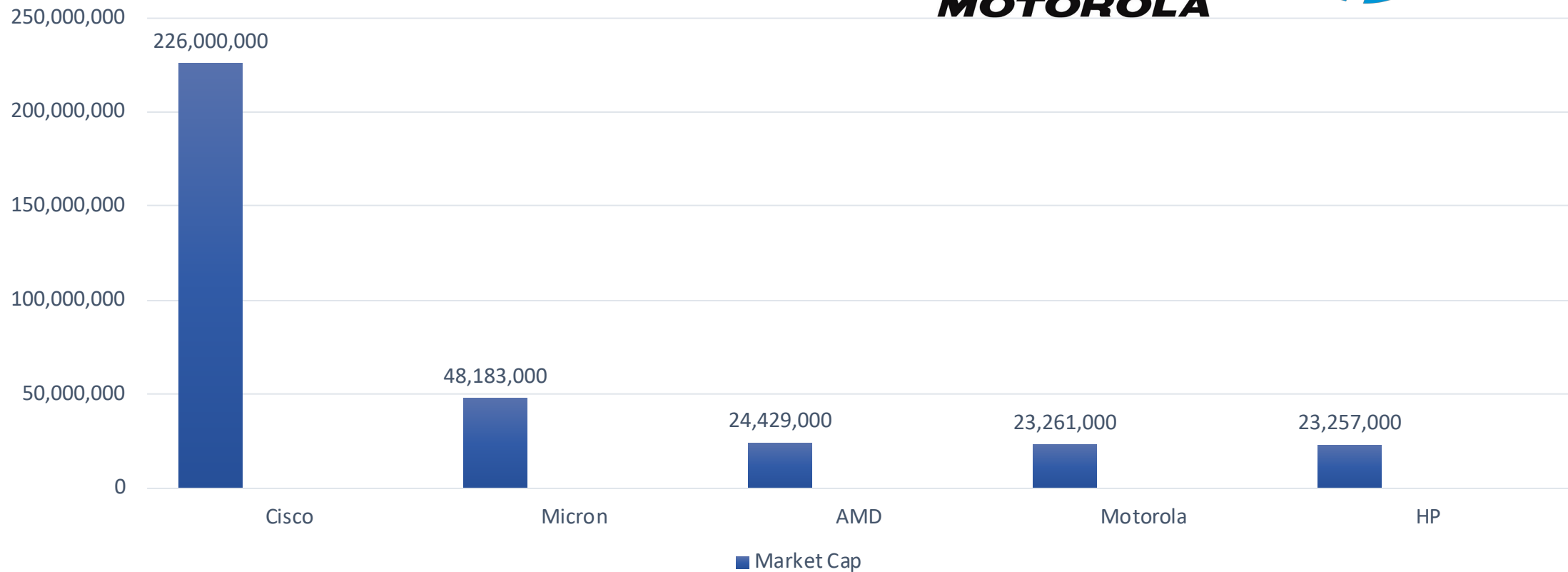


Industry Analysis

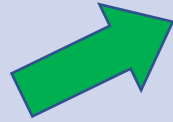

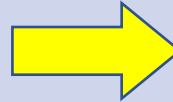
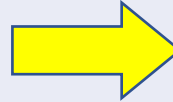
Top Companies



MOTOROLA



Key Ratios

Metric	S&P 500	Information Technology	Communications	Trend
ROE	13.83	22.59	20.61	
Gross Margin	33.54	49.05	56.77	
P/E	19.18	19.66	15.53	
Current Ratio	1.37	1.89	1.00	

Key Drivers

New
Technology

5G
Networks

Internet of
Things

Virtual
Reality

Voice
Interface

5G Network

New Network



Faster Speeds



Livestreaming
Growth



[illegible]

Virtual Reality

Big in video
games



Reaching
new markets



Voice Interface

Once again, Hardware Needed

Consumers like this

All companies are starting to integrate this



Negative Drivers

Trade

- Trading with China

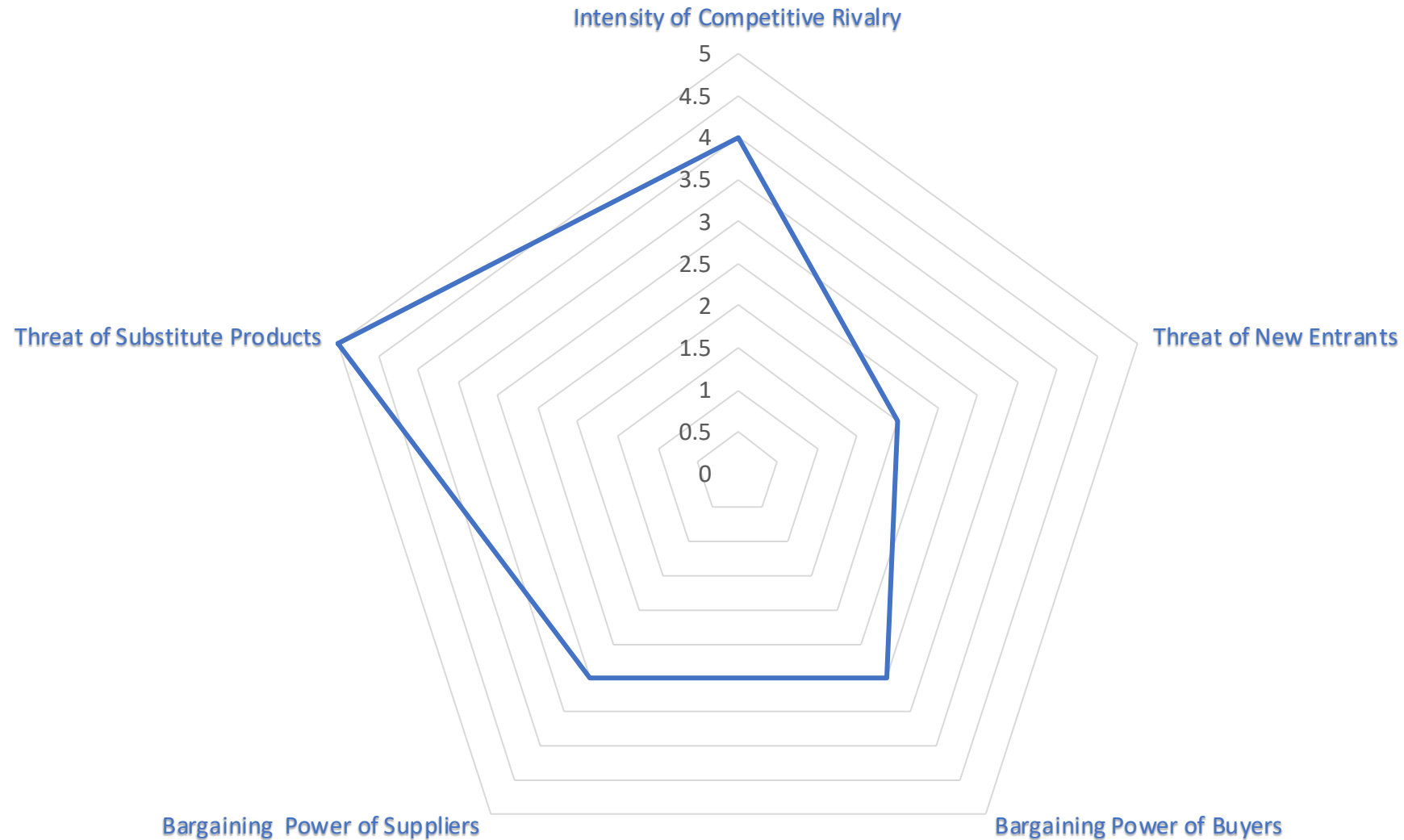


Global Competition

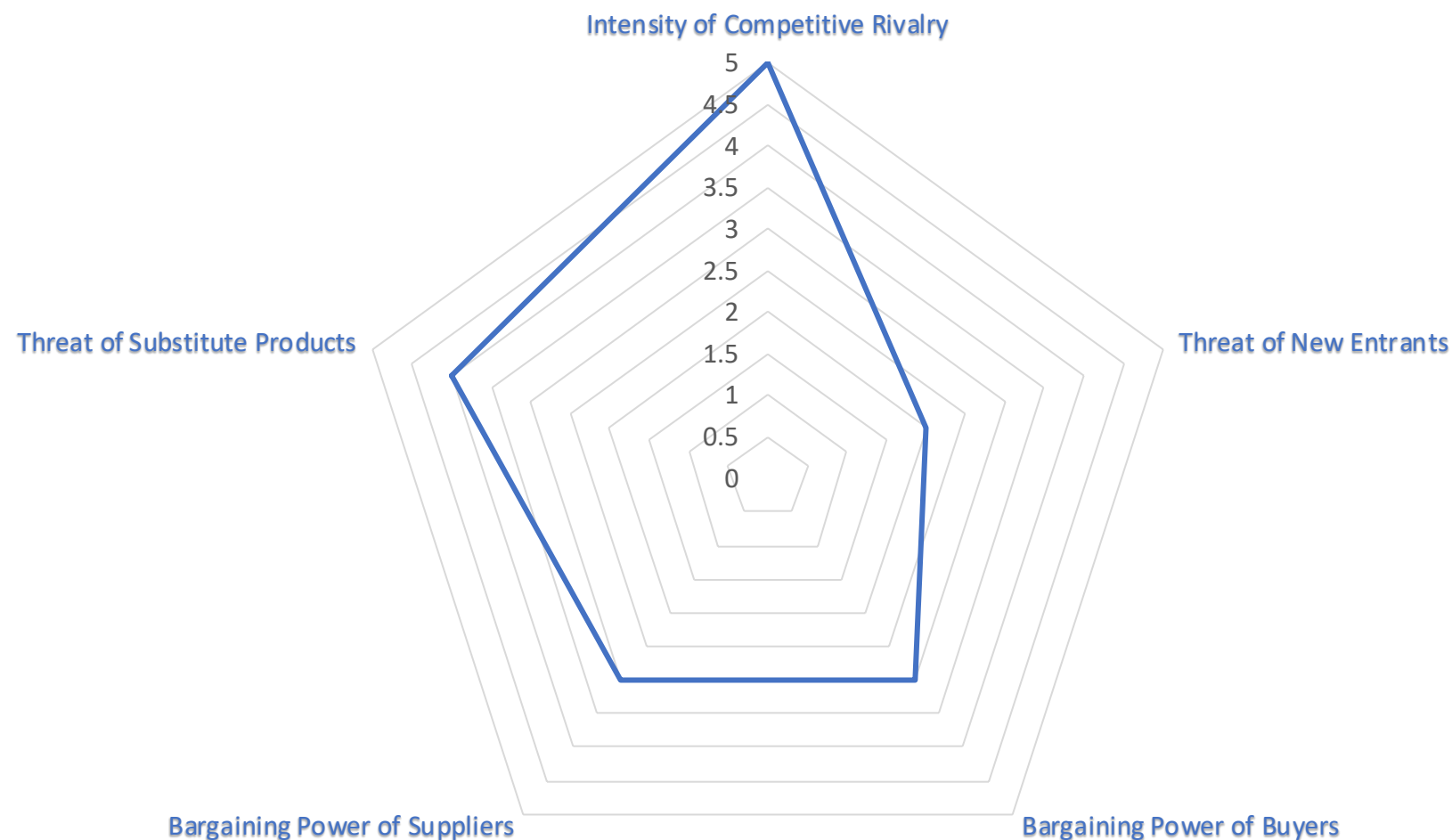
- Global Companies

Macroeconomic Factors

Porter's Five Forces Info Tech B



Porter's Five Forces Communications



Outlook

Outlook

Information Technology

- Capital spending
- Consumer confidence
- Dividend increase
- Share buybacks

- Slowing global growth
- Trade disputes with China
- Rising global competition

Outlook

Communications

- 
- 5G
 - Increasing wireless demand

- 
- Regulation
 - Competition

Stocks to Watch

CORNING



Stock Recommendations - IT

Information Technology B



HOLD



HOLD



HOLD

Stock Recommendations

Communications



HOLD



HOLD

Summary

5G Networks

IoT

Overall: Sector
has many upsides

Great growth in past years

Solid Financials

Q&A