

ALPHINITY INVESTMENT MANAGEMENT

# Hack Attack

**Cybersecurity – the need to play defence and offence** 

Presenting to: CPAL

Presenter: Trent Masters

Presentation Date: May 2023







**2. Defence: The need to protect businesses** 

### 3. Offence: Investment opportunities in the cyber sector



## **1.** The evolution of the cybersecurity risk landscape





What type of device are you connecting to this meeting from?

A: PC

**B: Laptop** 

- **C: Phone**
- **D: Other**



Is this device personal or provided by work? A: Personal B: Work

**C**alphinity



Aspire.Sustain.Prosper.

Where are you connecting to this meeting from? A: Office

**B: Home** 

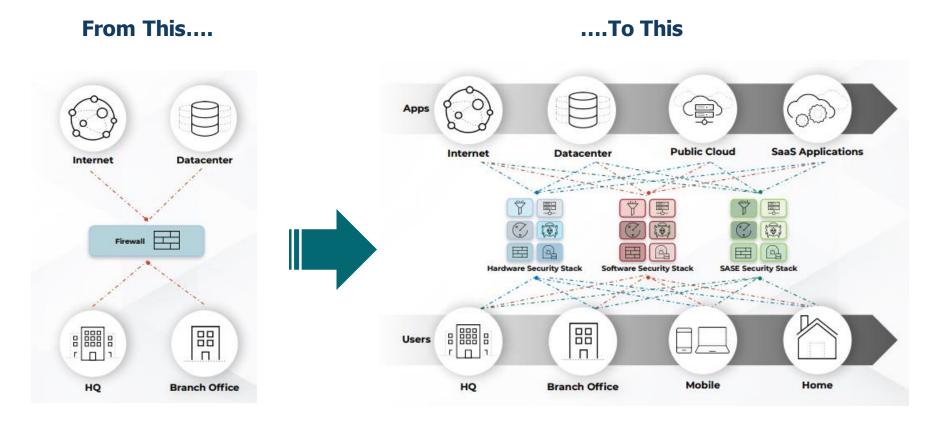
**C: Airport / Hotel** 

**D: Mexico** 

**E: Prefer not to say** 



### **Change in Connectivity Creates Risks**

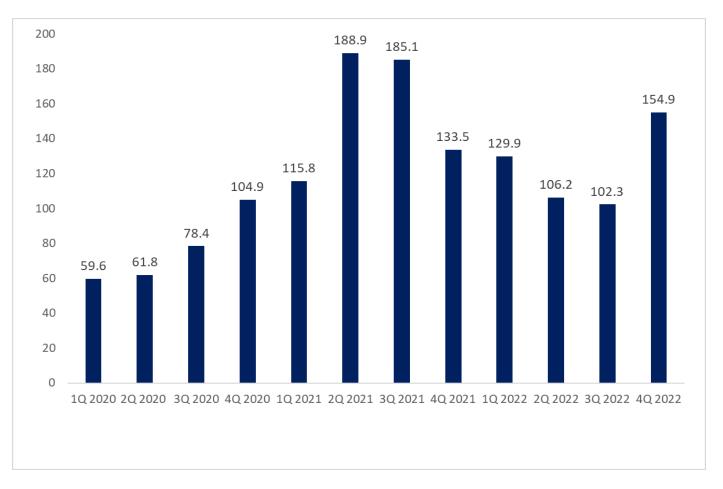


Source: Palo Alto Strategy Day



### More Vulnerabilities at a Time of Increased Threats

493,300,000 ransomware attacks in 2022



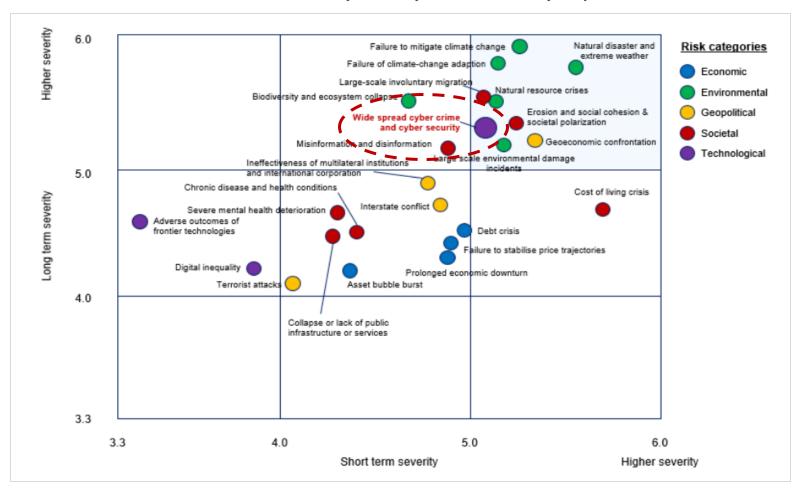
Global Ransomware by Quarter (\$m)

Source: Citi Research, SonicWall





### Cyber Security is a Key Societal Risk



Global Risks ranked by severity over a 2 and 10 year period

Source: Citi Research, World Economic Forum Global Risks Perception Survey, 2022-23

How many ransomware attacks were there in 2022?

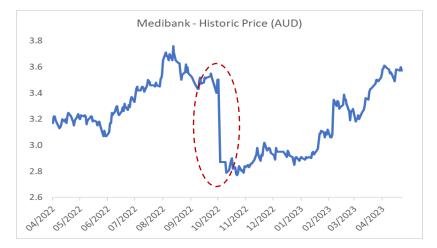
- A: 100m-200m
- B: 200m-300m
- C: 300m-400m
- D: 400m-500m



## 2. Defence: The need to protect businesses

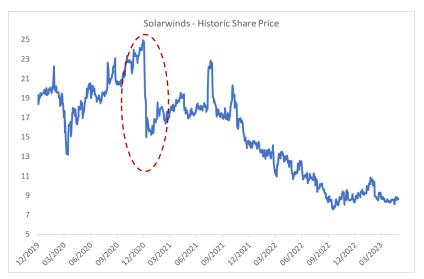


### **Security Breaches Have Significant Share Price Implications**



Medibank – March 2022

#### Solarwinds Corp – December 2020



Source: Bloomberg 11 May 2023

Equifax - Historic Share Price (USD) 150 140 130 120 110 100 90 80 0412015 1012015 02/2016 1012016 22/2016 02/2017 06/2017 02/2018 0A12018 06/2015 08/2015 1212015 04/2016 06/2016 08/2016 04/2017 0812017 1012017 1212017

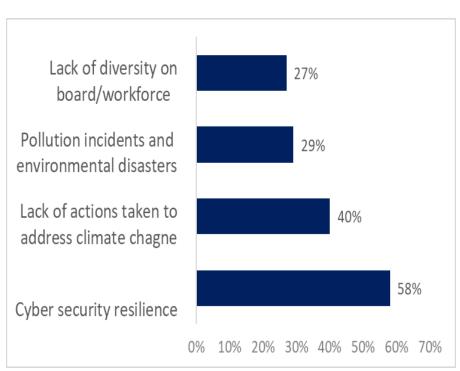
Equifax – September 2017

Okta – January 2022



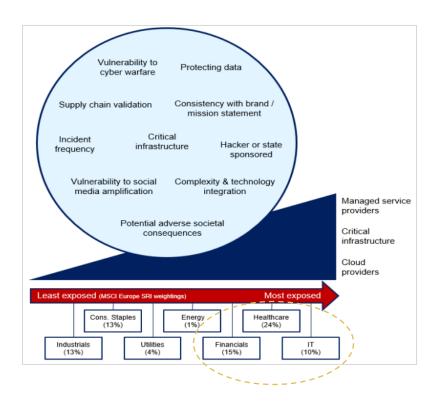


### Cyber Security as a Key Focus for Company Engagement



## Which ESG concerns are of most risk to your company?

## Considerations for sector vulnerabilities to cyber attacks



Source: Citi Research, Allianz Risk Barometer, 2022

### **Company Cyber Risk Analysis**

#### Focus areas for company analysis

- Where does the risk mainly lie?
- What does the governance structure look like?
- Any external system certifications? (eg ISO27001, SSAE16)
- What is the focus on staff training and awareness?
- Does the company have cyber insurance coverage?
- What is the level of preparedness if a breach occurs?
- How can the company improve transparency?

#### **Sector examples**

#### Key risk for Financials:

- Data breaches leading to financial fraud
- System architecture attacks

#### Key risk for Healthcare:

- Medical identity theft including electronic health records
- Healthcare IoT vulnerabilities

#### **Key risks for IT:**

- Systems and network vulnerabilities
- Remote work security



A: Financials B: Healthcare

What sector is most exposed to cyberattacks?

C: IT

**D: Energy** 



## 3. Offence: Investment opportunities in the cyber sector



### Cyber is a Key Opportunity for Investment in Good Times......

	0.0%	5.0%	10.0%	15.0%	1Q23	4Q22
Security Softwar	e				11.3%	12.0%
Cloud Computin	g <b>m</b>				10.7%	10.3%
DW/BI/Analytic	s				8.3%	9.0%
Artificial Intelligence / Machine Learnin	a and a second		-		8.0%	6.7%
Digital Transformatio	<b>u</b>				6.0%	8.7%
ERP Application					6.0%	5.7%
CRM Application					5.0%	5.0%
Financial Planning Softwar					3.7%	4.3%
-					3.7%	3.0%
Networking Equipmen					3.3%	4.0%
Collaboration Softwar					3.3%	2.7%
Desktop Virtualizatio					3.0%	1.3%
Data Center Automatio	on 💻	-			2.7%	3.3%
Compliance Softwar	re 📃 🚽				2.7%	3.7%
Desktop/Laptop Equipmer	nt 📃				2.3%	1.7%
Server Virtualizatio					2.0%	1.0%
Consultin						1.0%
Storage Hardwar					2.0%	0.7%
Wireless LA					1.7%	0.7%
					1.3%	1.7%
Outsourcin	-				1.3%	1.7%
Infrastructure Hardwa	re 🗾				1.3%	2.0%

Projects with Largest Spend Increase in 2023 (% Total Responses)

■ 4Q22 Survey ■ 1Q23 Survey

Morgan Stanley CIO Survey – 1Q23



### And in bad.....

0.0%	5.0%	10.0%	15.0%	Net % 1Q23 Survey	Net % 4Q22 Survey
Security Software				16.0%	19.0%
Digital Transformation				5.0%	9.0%
Cloud Computing				5.0%	5.0%
DW/BI/Analytics				4.0%	3.0%
Networking Equipment				4.0%	1.0%
Contact / Customer service center software/equipment				3.0%	3.0%
ERP Applications				2.0%	0.0%
Windows Server / Operating System				2.0%	0.0%
Financial Planning Software				2.0%	2.0%
Server Virtualization -				1.0%	2.0%_
Compliance Software				1.0% 1.0%	1.0% -1.0%
Servers/Mainframe Equipment				1.0%	0.0%
VPN/Remote Access				1.0%	1.0%
Artificial Intelligence / Machine Learning / Process Automation				0.0%	0.0%-
Social Software				0.0%	0.0%
Infrastructure Software				0.0%	-1.0%
Systems Mgmt Software				0.0%	-1.0%
Data Center Automation				0.0%	0.0%
Vertical Applications Software				0.0%	0.0%_
Mobile Applications				0.0%	0.0%
Quantum Computing				0.0%	1.0%
HR Software				0.0%	0.0%
Internet of Things				0.0%	0.0%
Collaboration Software				0.0%	2.0%_

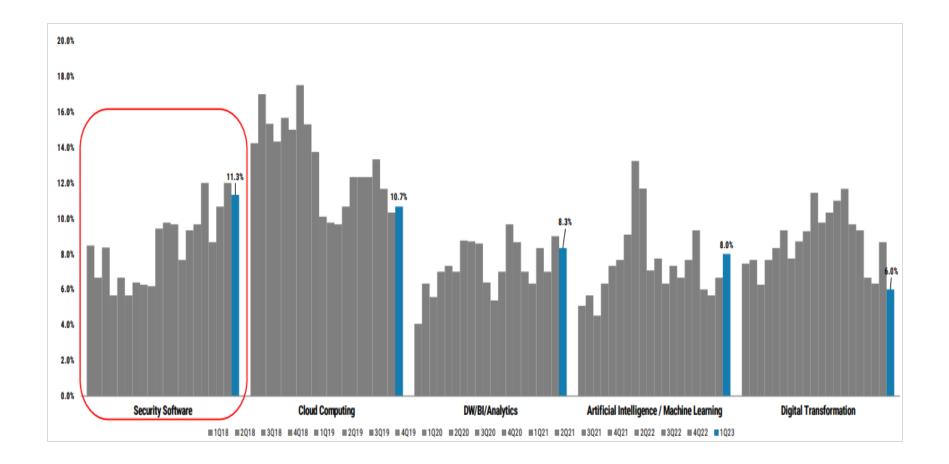
#### % IT Projects Most & Least Likely to Get Cut

Least Likely Most Likely

Source: Morgan Stanley CIO Survey – 1Q23



### **Top 5 IT Spending Priorities Over Time**



Source: Morgan Stanley CIO Survey - 1Q23



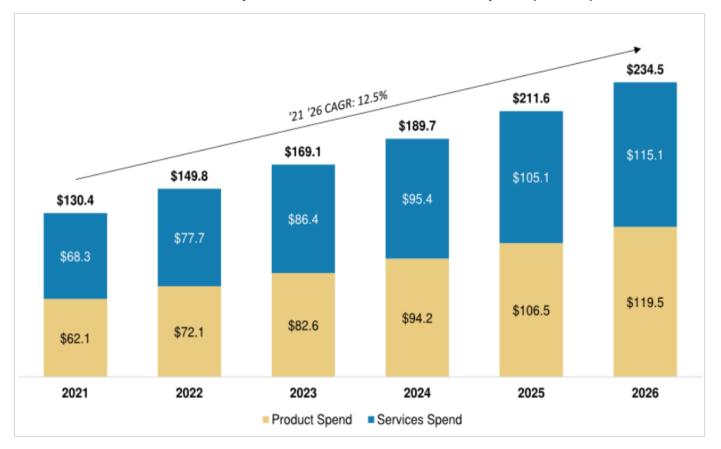
### Security spend is still a fraction of the opportunity

	1.5–2.0	Segment	Total addressable market, \$ billion	Current penetration, %
		Data protection	50-100	30-35
		Governance, risk, and compliance	50-100	30-35
		Email security and awareness	50-100	10-15
		Cloud security	50-100	1–5
		Network security	50-100	15-20
		Identity and access management	50-100	20-25
10.		Security consulting	100-200	15-20
10×		Web security	100-200	5–10
			100-200	1–5
		End point security	100-200	5–10
		Application security	100-200	1-5
		Security and operations management	nt 400-500	1–5
		■ MSSP <sup>2</sup> /outsourcing	400-500	5–10
0.14-0.15 Vended	Total addressable			

Source: McKinsay and Co – October 2022



### A Broad Market Opportunity

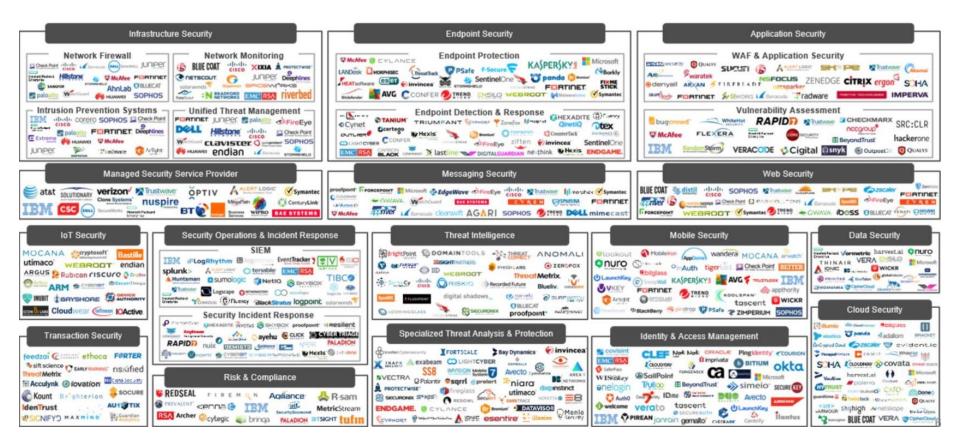


**Global Security Product and Services Market Spend (US\$Bn)** 

Source: Morgan Stanley Research, IDC Security Products Tracker, November 2022



### A Large and Fragmented Market

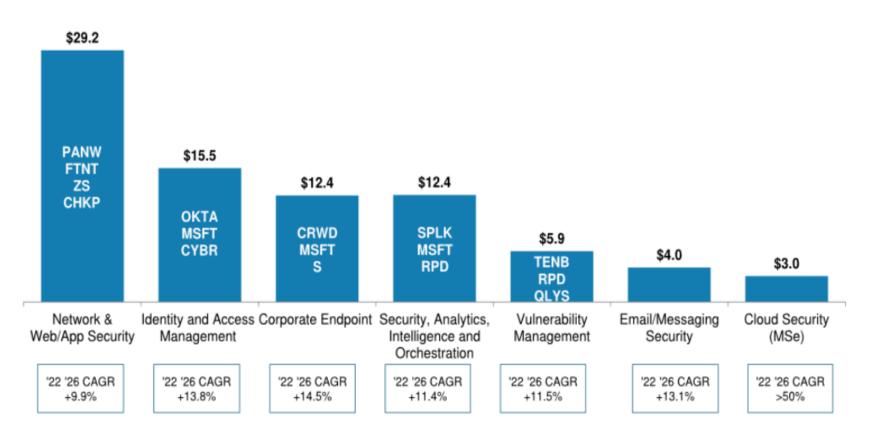


Source: Masergy





### Where Are The Main Pools of Opportunity?



#### Enterprise Security Spend by Market, 2022 Estimates (\$B)

Source: Morgan Stanley Research May 2023





### Who Are the Leading Players in Each Area

Areas of Security	Leading Players		
Network Security			
Identity and Access Management	{okta}		
Endpoint Security	WACAfee Symantec. A Division of Broadcom Struke SentinelOne		
Security Analytics	splunk> Microsoft RAPID		
Vulnerability Management	<b>Otenable</b> Qualys. Synopsys <sup>®</sup>		
Cloud Security	Microsoft Microsoft		



### **Key Trends in Cybersecurity**

1. Consolidation of vendors

т	rellix	Syma	ntec	
FireEye VERODIN BEGIMMENER MULSE EX respond INVOTAS		Blue Coat GuardianEdge BRIGHTMAIL	VONTU MOCANA.	CLOUP CLOUP DEMI QZIn (P)M
<b>×15</b>	esult – Mul	tiple Platfor	ms	

**Endpoint Vendors** 

Network Security Vendors

#### Palo Alto Cisco DGENIX GRYPSIS RedLock 🌠 viptela (I) IRONPORT $\otimes$ evidentio DUO KENNA CYVERA ∆poreto ISTO Lancope. **VALTIX** ngbox SECDO 🕝 Cider SOURCE cportshift meraki R OpenDNS 😫 Twistlock MORTA PURESEC sentryo 0 $\odot$ CloudLock

Result - Multiple Platforms

#### **Organic Approach**

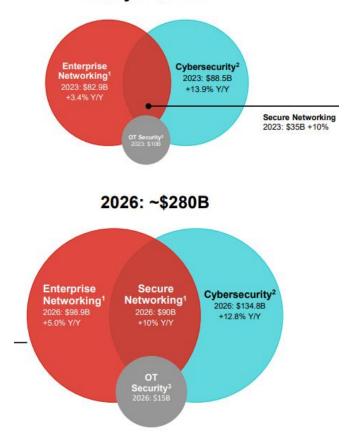


Result - One Platform

Source: Fortinet Strategy Day

2. Convergence of networking and security

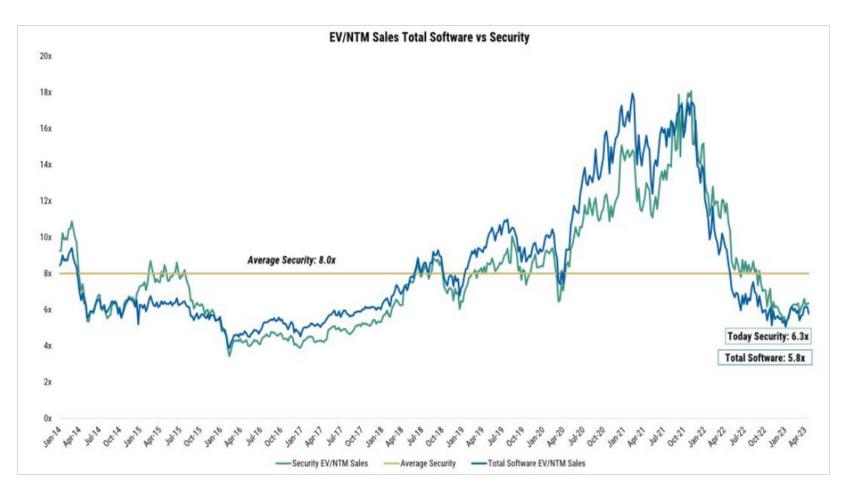
Today: ~\$180B





### **Sector Valuation – More Reasonable**

Sector Valuations Below Historical Average



Source: Morgan Stanley Research, May 2023





What is the projected growth rate for security related spend out to 2026?

A: 0-5%

**B: 5-10%** 

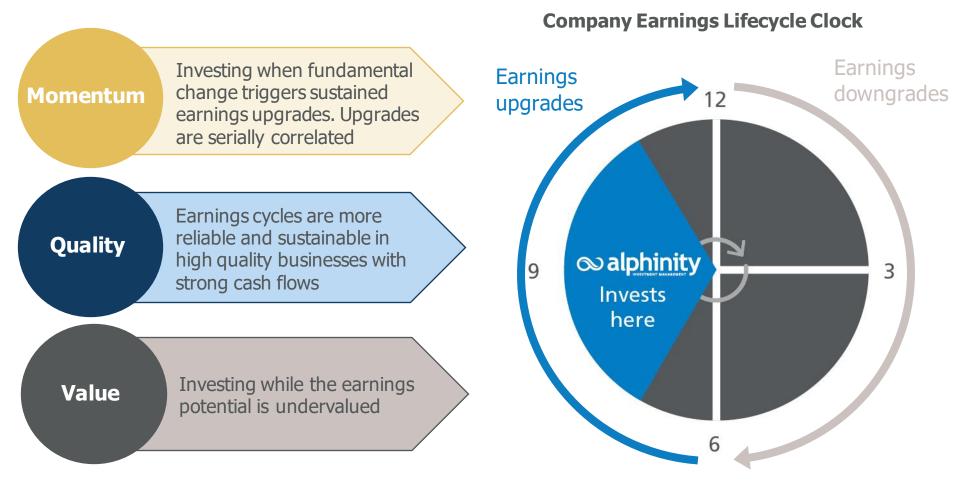
C: 10-15%

D: 15-20%



### **Alphinity Stock Selection Process**

Investing in <u>quality</u>, <u>undervalued</u> companies which are in an earnings <u>upgrade cycle</u>



Attractive stock investments can be found at any point in the broader market cycle



### **Key Metrics – Quant Assessment**

Running cyber businesses through the Alphinity quant process surfaces the businesses where deeper analysis is required



Ticker	Name	Quant Score	Value Score
PANW US	Palo Alto	100%	3%
FTNT US	Fortinet	99%	5%
VMW US	VMWare	97%	24%
MSFT US	Microsoft	93%	11%
CHKP US	Checkpoint	90%	35%
CRWD US	Crowdstrike	83%	2%
SPLK US	Splunk	77%	9%
ZS US	Zscaler	77%	3%
IBM US	IBM	53%	37%
CTSH US	COGNIZANT TECH-A	51%	58%
NET US	Cloudflare	50%	1%
OKTA US	Okta	48%	3%

Source: Alphinity



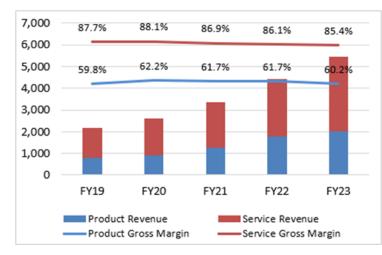
### Fortinet

Leader in cyber security with expanding software footprint



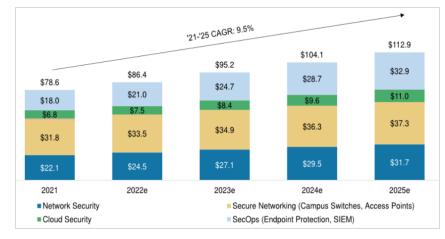
#### **Investment case**

- Expansion of connectivity points creates an ever expanding attack surface that needs protection at a time of elevated threats
- FTNT have been consistently taking share from legacy players (Cisco, Juniper, Checkpoint) in core firewall business
- Expansion of product set in a hybrid environment. SD-WAN, operational tech security, network + security convergence
- Core secular drivers + consistent share gains underpin growth of circa 20% over the medium term. Valuation 20x CY23 FCF multiple

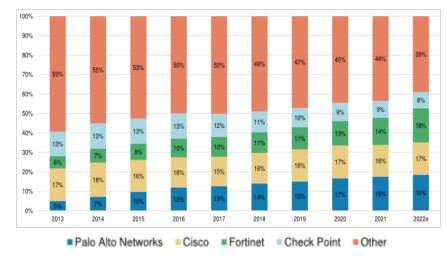


**Revenue Mix and Gross Margins** 

#### **Fortinet Addressable Markets**



#### **Network Security Market Share**

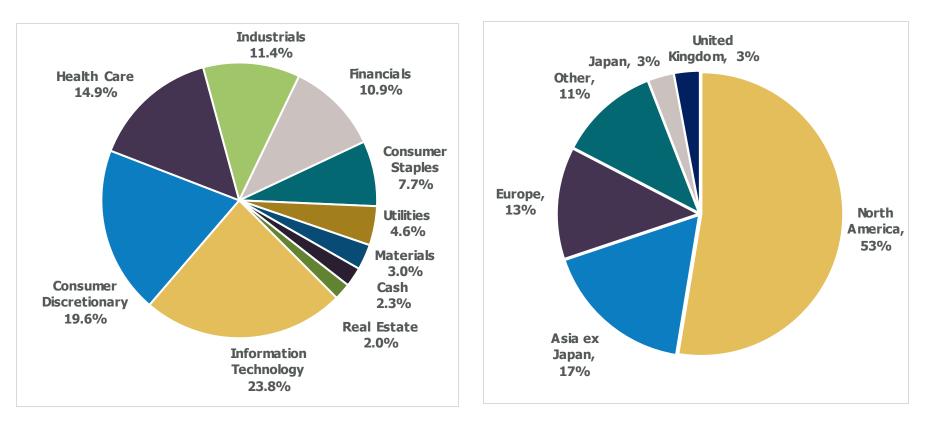




Source: IDC, Gartner, Morgan Stanley

### Alphinity Global Equity Fund (Managed Fund) - A Diversified Yet Concentrated Portfolio

Concentrated stock picking in a globally diversified portfolio



**Sector Exposures** 

**Geographic Exposures – Revenue** 

Source: Alphinity, Fidante, 31 March 2023



### Alphinity Global Equity Fund (Managed Fund) - A Diversified Yet Concentrated Portfolio

Across sectors, industries and geographies

#### **Top 10 Positions**

Company		Holding	Investment Case
FERTIDET	Fortinet	5.2%	Leading cyber security business consistently taking share through price / cost leadership
LVMH	LVMH	5.1%	LVMH is a global leader in the luxury sector with a high quality, diversified portfolio of luxury brands. An attractively valued company with impressive pricing power and earnings leadership.
ASML	ASML	4.9%	World's leading EUV lithography provider to chip manufacturers
<i>O</i> danaher	Danaher	4.6%	Leading Life Science and environmental tools company exposed to structural growth and Sustainability theme
NEXT <b>ERA</b>	Nextera Energy	4.6%	Well positioned US energy utility with leading position in renewables.
mercado libre	MercadoLibre	4.5%	Latin America's leading ecommerce, maeketplace and payments platform growing strongly
	Waste Connections	4.3%	Solid margin & earnings outlook underpinned by pricing and M&A
ĽORÉAL	L'Oreal	4.2%	Global beauty leader leveraging digital leadership, innovation and diversified category/channel mix to drive sustained growth.
ON	ON Semiconductor	4.0%	Leading semiconductor and sensor company well placed for the transition in electrification and automation
accenture	Accenture	3.8%	Leading consulting and business outsourcing company positioned to benefit from company digitisation trends
	Тор 10	45.3%	

Source: Alphinity, 31 March 2023





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