## Who Are Your Real Threats?

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February 2023





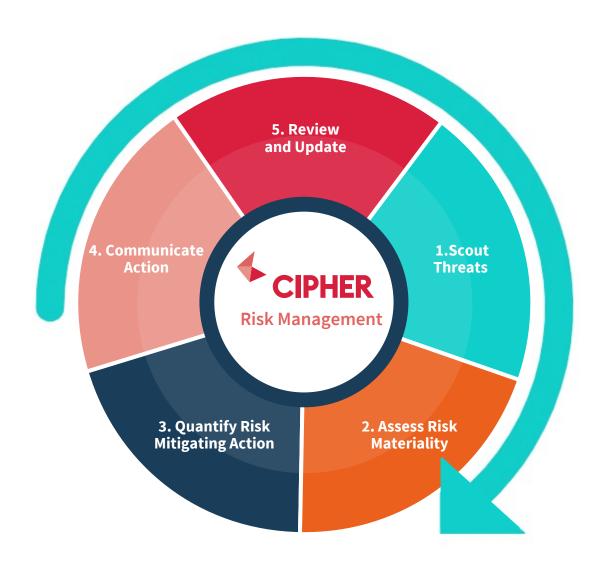
## Agenda

- Threat barometer analysis instantly gauging your risk exposure
- Propensity to litigate causation or correlation?
- Triaging your threats in practice using OpenAI worked example





## **Cipher Risk Management Process**



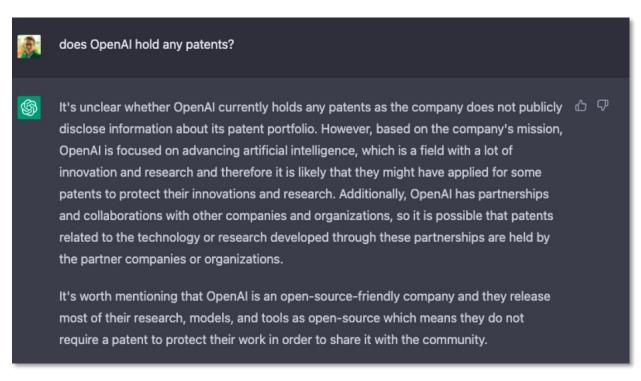
See our previous webinar on How to Implement Risk Mitigation Strategies to learn more.







#### What is ChatGPT?



Source. Content Generating Al, Kacper Gorski and Cormac Creagh



OpenAI has projected revenue of \$1 billion for 2024

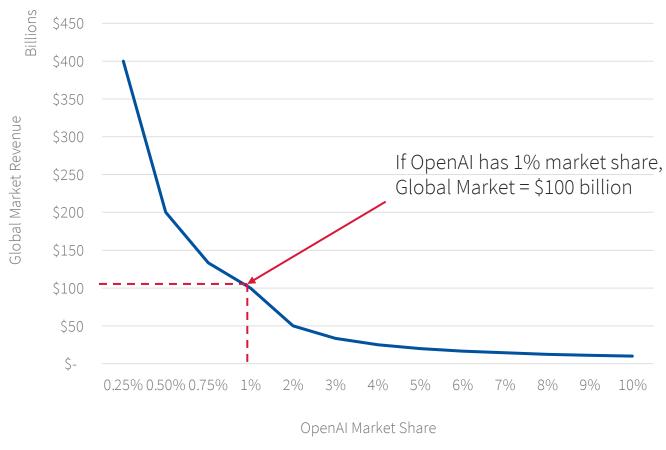
\$80 Million

OpenAI have an estimated patent licensing risk of \$80m



We estimate the Global
Market Revenue based on
OpenAl's predicted revenue
and market share



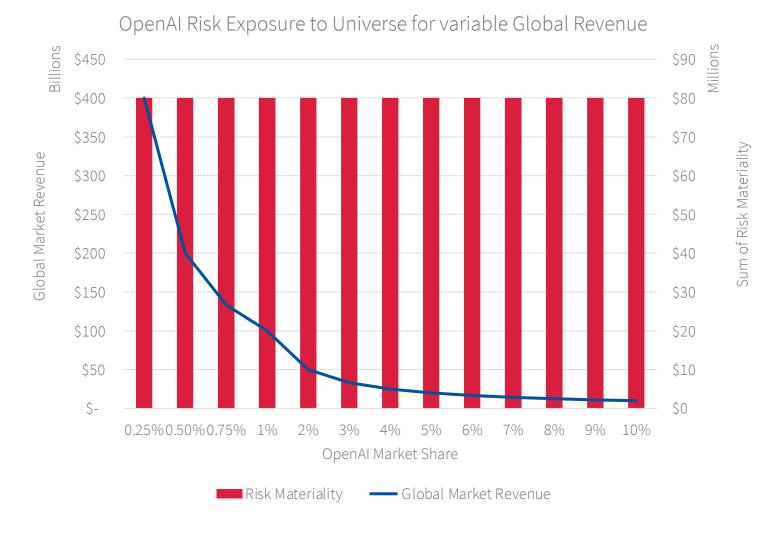






OpenAI currently hold zero patents

With \$1 billion predicted revenue by 2024, they face a flat \$80 million in licensing risk



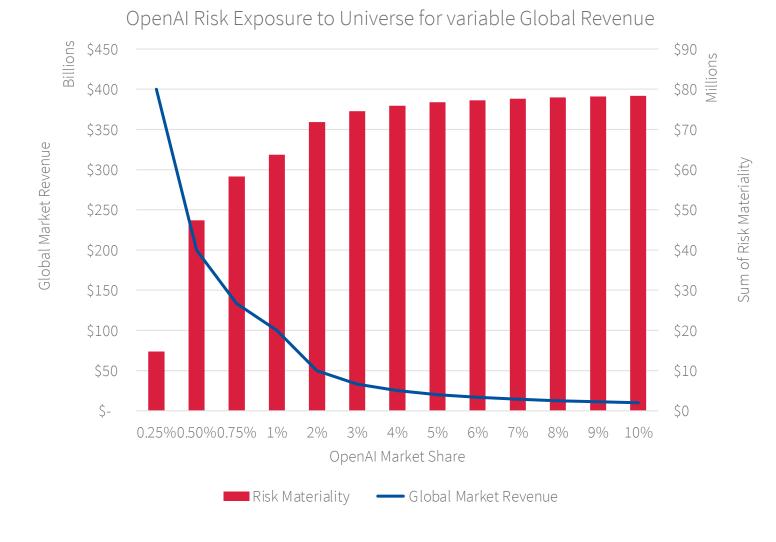


Royalty rate = 8%



With five patents filed the risk materiality could decrease significantly, depending on the other companies' market share growth

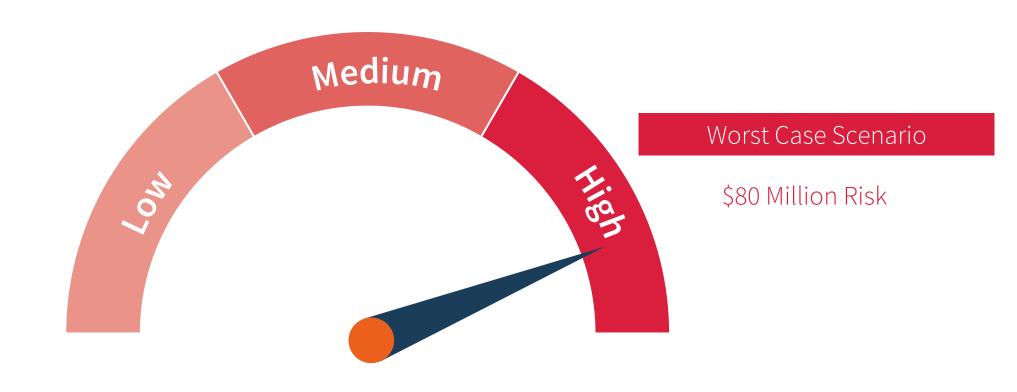
If they are top players in this space, they'll need more patents to protect their revenue





Royalty rate = 8% Landscape = 2,453

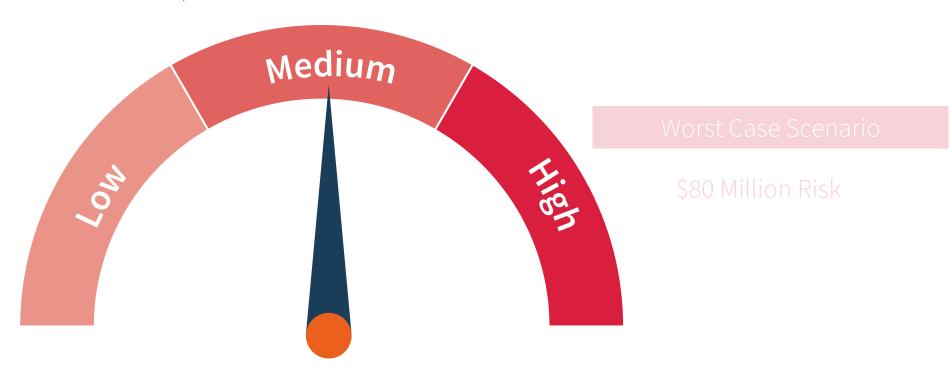






Filing 5 patents

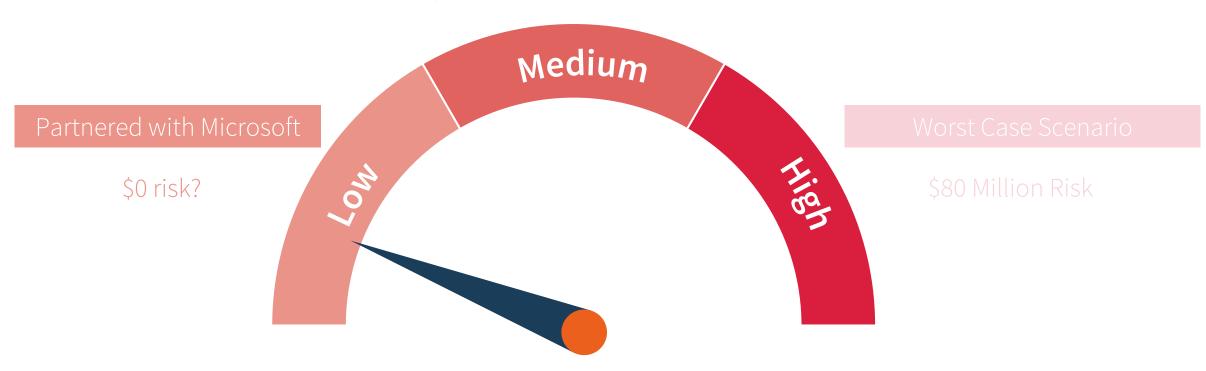
Up to \$65 Million risk reduction





Filing 5 patents

Up to \$65 Million risk reduction





## **Propensity to Litigate**





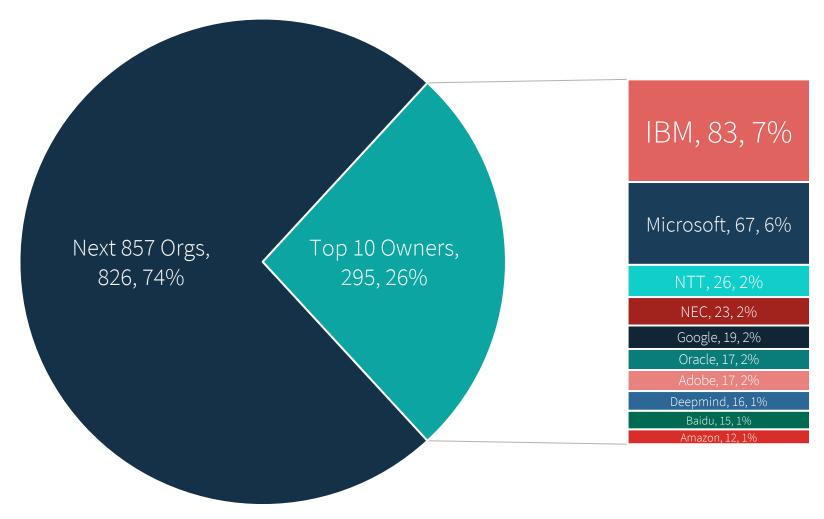
## Patent litigation: What does it take?

Patents that map onto products Experience of litigation Financial pressure





## Propensity to litigate – classify to find relevant portfolios





#### Propensity to litigate - once stung, twice burned?

Number of times the company was a defendant

Number of times company was a plaintiff

Proportion %	0	1	2–3	4–7	8–15	16+
0	2.9%	10.8%	12.8%	16.6%	17.1%	23.4%
1	19.9%	28.0%	32.2%	30.9%	29.5%	36.2%
2–3	37.1%	48.2%	60.4%	62.3%	71.1%	79.3%
4–7	46.7%	51.1%	72.1%	86.1%	85.9%	85.5%
8–15	-	-	-	-	98.6%	97.6%
16+	-	-	-	-	-	-

~4X

The likelihood of litigation increases by almost 4 times.

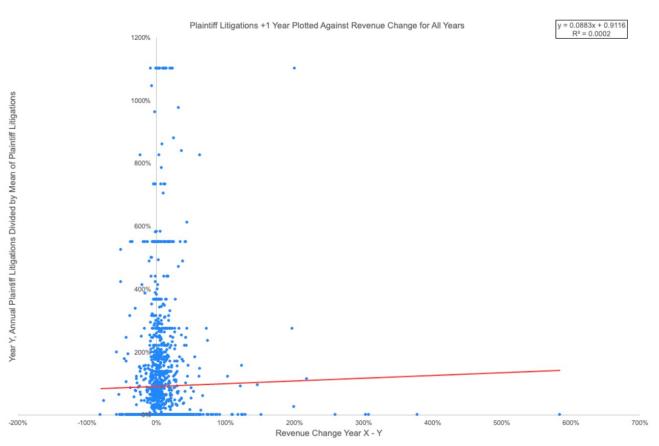
Analysis based on 1434 US based companies with >50 families

Exclude NPEs, Universities, NGOs, government offices, and pharmaceutical companies





## Propensity to litigate – no crystal ball for most companies



#### **Overall: No Correlation**

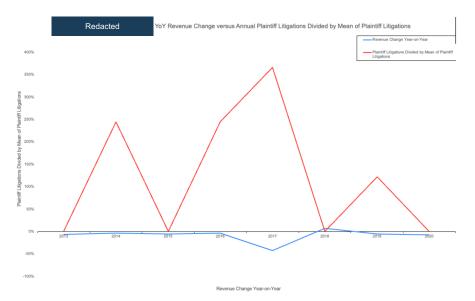
A further analysis sampled 206 organisations and looked at the relationship between their top-line revenue change and the following years litigation propensity.

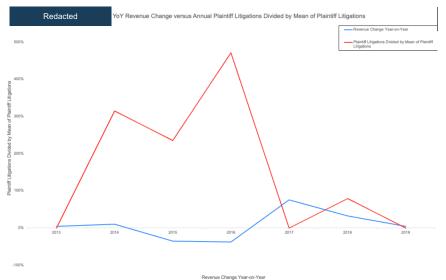
There was a weak correlation and no conclusive link

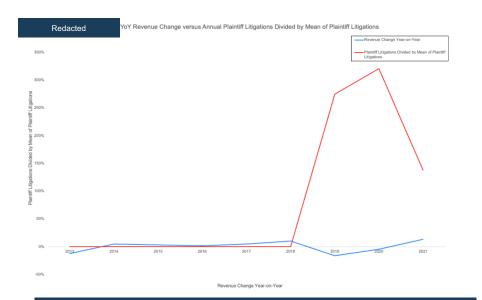


## Propensity to litigate – group by behaviour









#### **Pressure exerted**

At the level of some individual organisations, a statistically significant correlation between revenue change and litigation activity was observed.



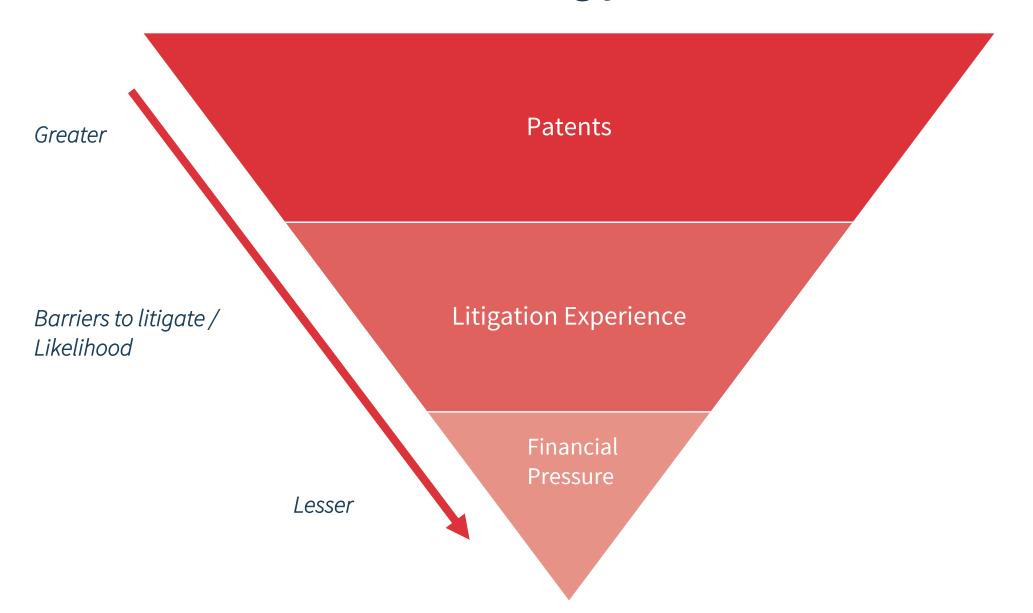


## **Principles in Practice**





## Priorities: ranking your threat list





Litigation Experience

Financial Pressure

**Defensive Portfolios** 



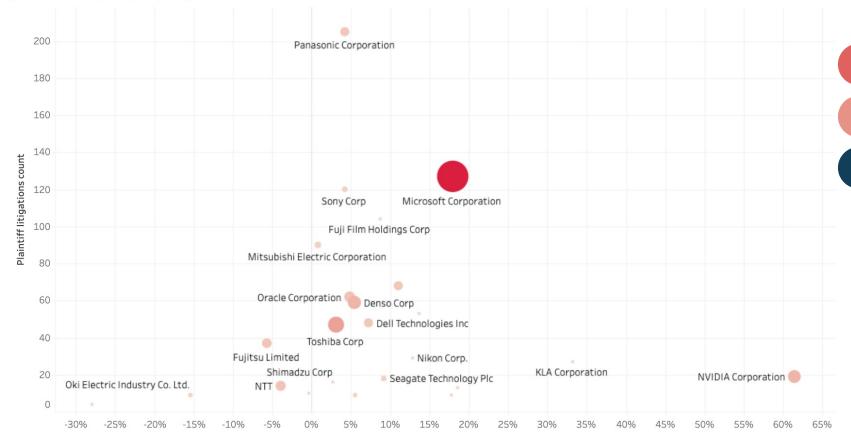
#### **Quadrant Analysis**

#### Propensity to litigate

Top 380 Owners; Min 1

x-axis: Revenue Growth: 2021 - 2022

y-axis: Plaintiff Litigations (total per org): All - All





More litigious







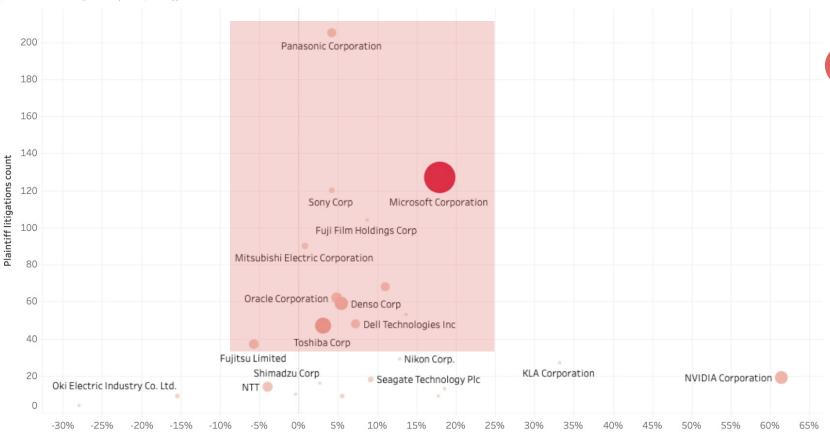
#### **Quadrant Analysis**

#### Propensity to litigate

Top 380 Owners; Min 1

x-axis: Revenue Growth: 2021 - 2022

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Tier 1 Threats







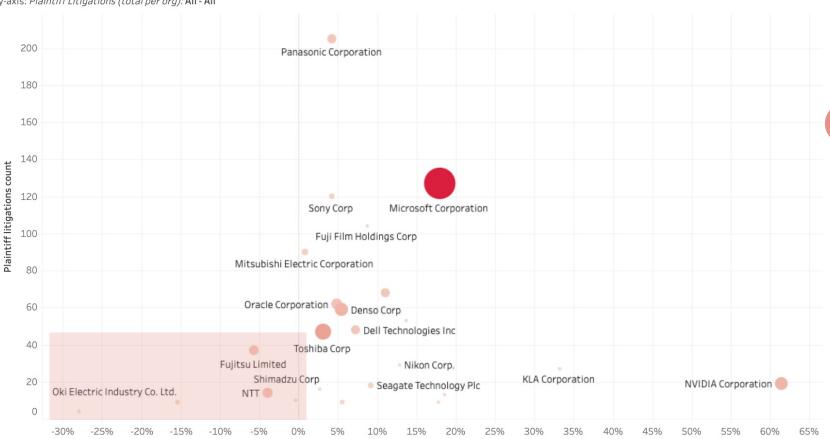
#### **Quadrant Analysis**

#### Propensity to litigate

Top 380 Owners; Min 1

x-axis: Revenue Growth: 2021 - 2022

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Tier 2 Threats







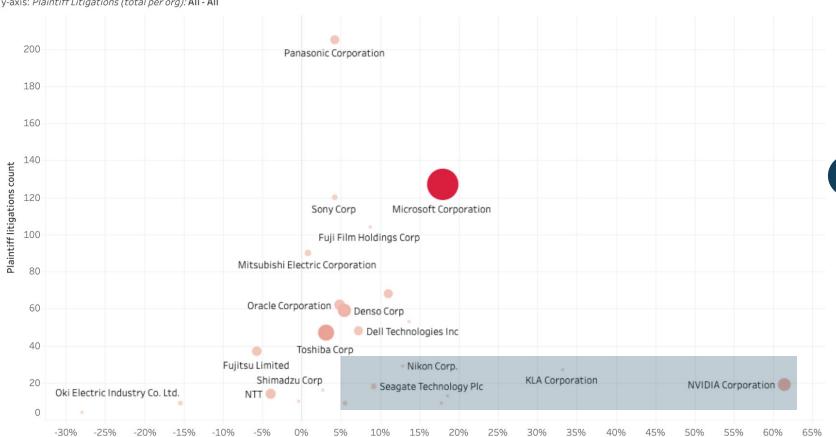
#### **Quadrant Analysis**

#### Propensity to litigate

Top 380 Owners; Min 1

x-axis: Revenue Growth: 2021 - 2022

y-axis: Plaintiff Litigations (total per org): All - All



#### **Defensive Portfolios**

Watchlist



#### **FAST TECHNOLOGY RISERS**

Top 100 Owners; Min 1 Active Families

x-axis: Earliest Priority Year

y-axis: Portfolio Growth (publication year): 2019 - 2020

IP5 Regions: Europe, Japan, Korea and 3 more

Status: granted & pending







Watchlist

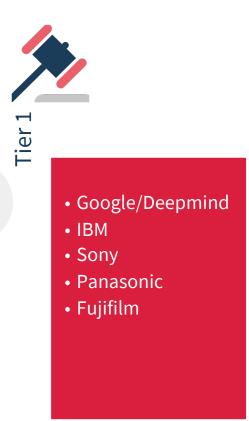
Larger / Earlier entrants

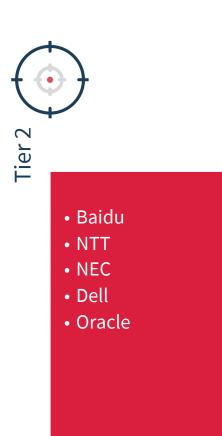
Tier 1 / Tier 2



## **OpenAl Threats**

Tier your Threats

















#### **Generative Al Wars**



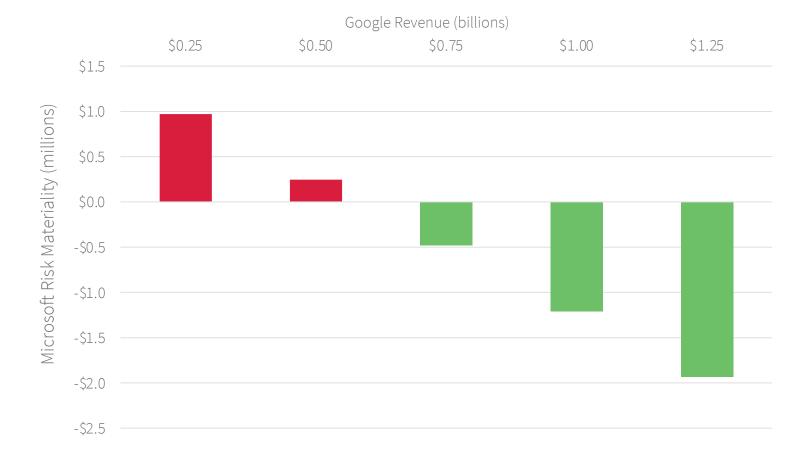


# Should Microsoft settle a license with Google?

Microsoft has invested \$10 Billion in OpenAl

Microsoft and Google are quite closely balanced in generative AI

#### Microsoft Risk Materiality against Google (variable revenue)

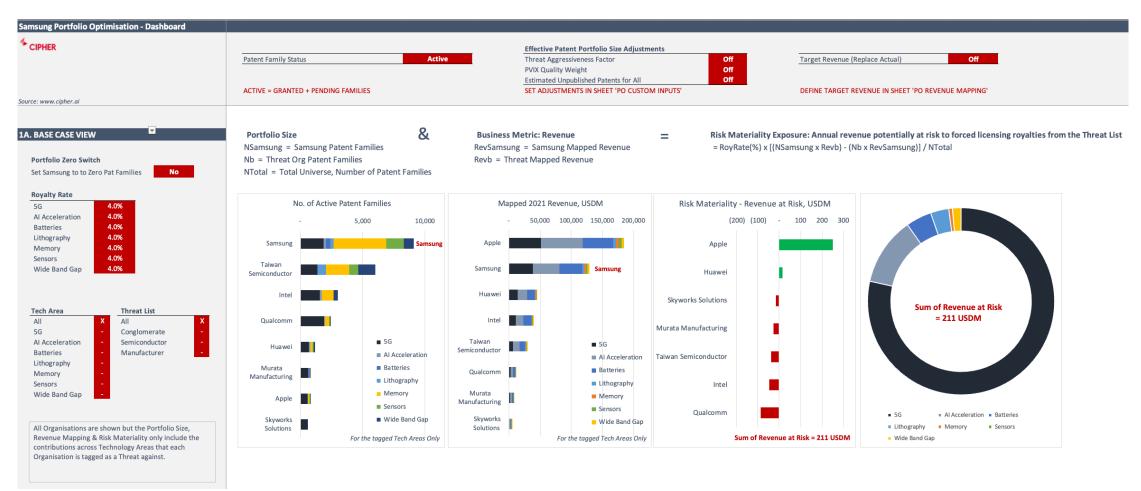


Assuming Microsoft's portfolio is protecting \$1bn revenue from ChatGPT Royalty rate = 8%
Microsoft (89 active patent families); Google (52 active patent families)





## All scenarios at your fingertips







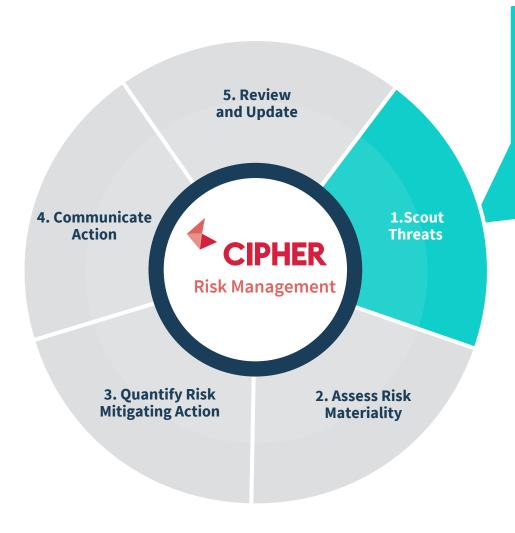


It's a trick and a challenge to figure out how to manage IP in a fastpaced software environment.

Jared Engstrom, Senior Director, IP Strategy at CrowdStrike



## **Cipher Risk Management Process**



- Evaluate the threat universe to assess risk exposure
- Analyse who should be on your threat list
- Apply principles to triage threats



AN

Write a haiku about why OpenAI should have patents



Innovation flows,

Patents protect what we create,

OpenAl must lead.

