How to Justify Your Patent Budget

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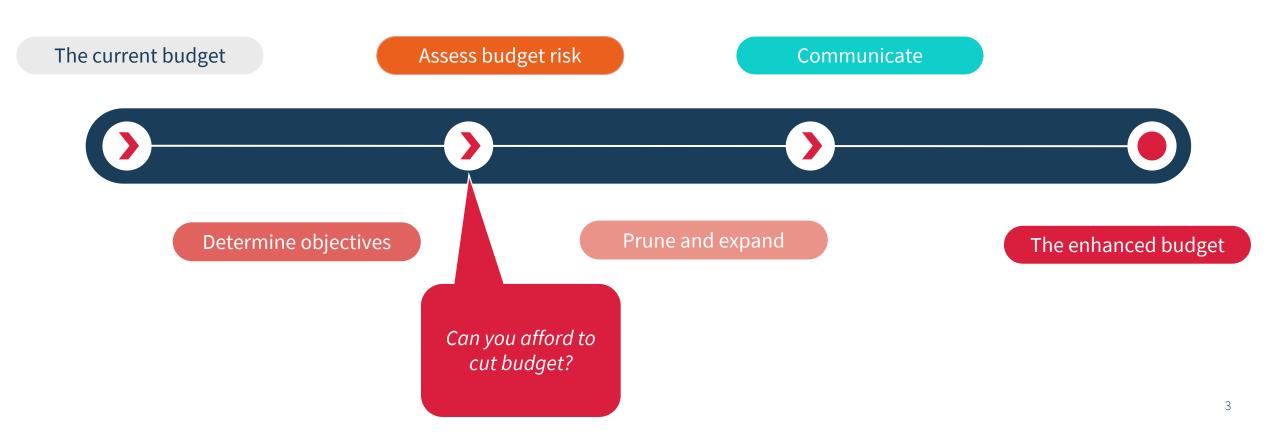
Agenda

- Define your budget objectives
- Model the impact of budget changes to revenue risk
- Prune surplus patents
- Communicate budget plan to Stakeholders

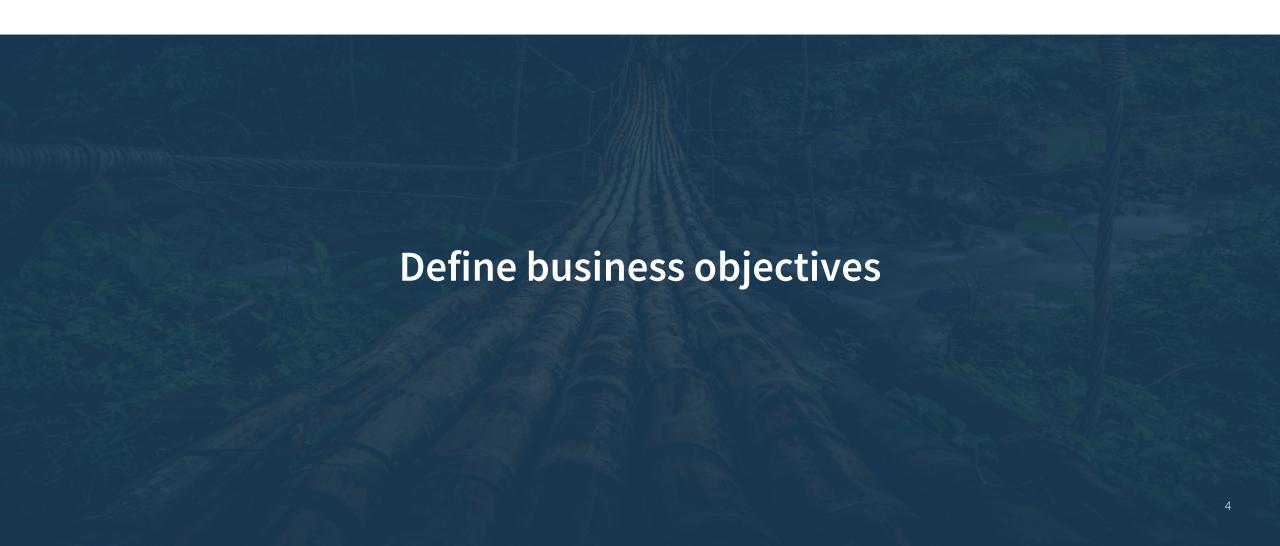




The journey to a well-rounded budget

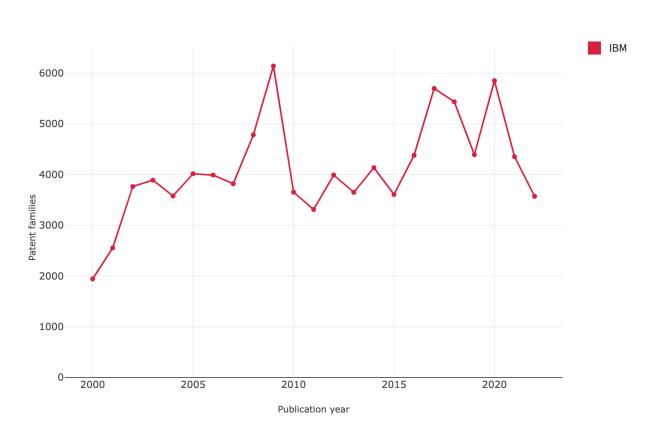








Define business objectives



The number of patent families published each year by publication year and organisation.

44%Reduction of patent families

As of 2022, IBM no longer had the largest number of approved patents in the US, with their patent count reducing by 44%.

\$417m + Risk Exposure

If IBM look to prune 20% of their portfolio this would lead to an increase in risk exposure of 125% for a 20% reduction in cost.



Align portfolio to future business plans









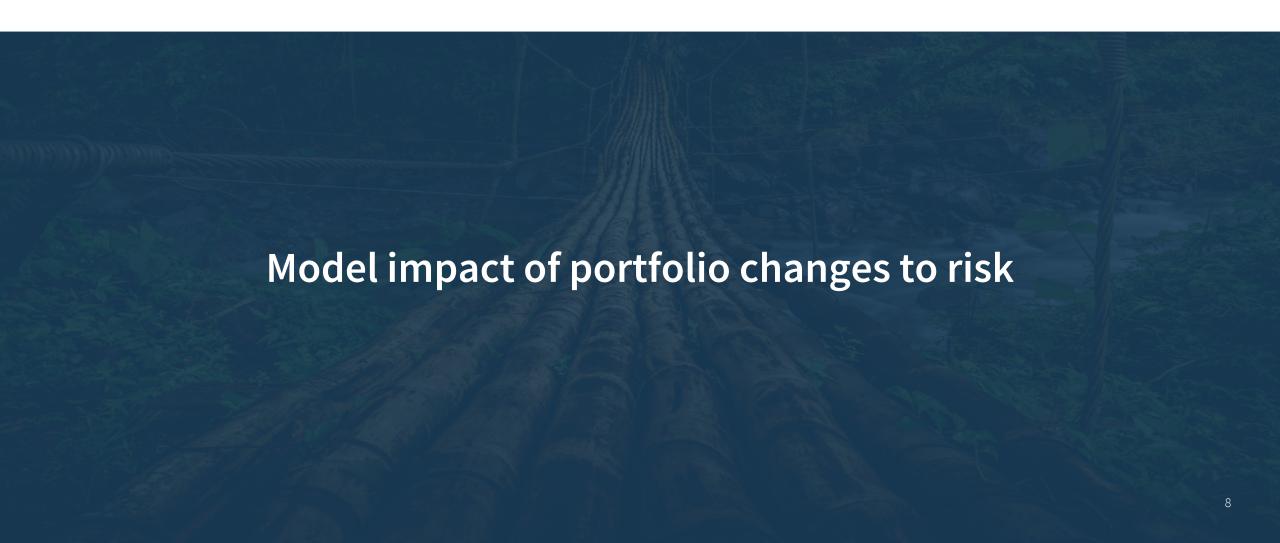
What will deliver growth for your business?

IBM will sharpen its focus on its open hybrid cloud platform and Al capabilities.



Patent Engineers will seek high quality inventions in AI and hybrid cloud





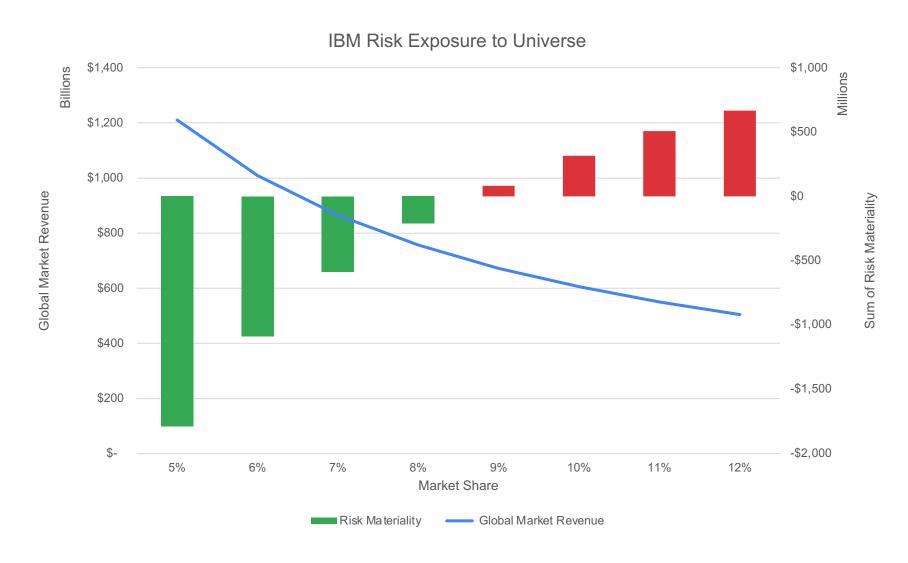


Cipher risk management process





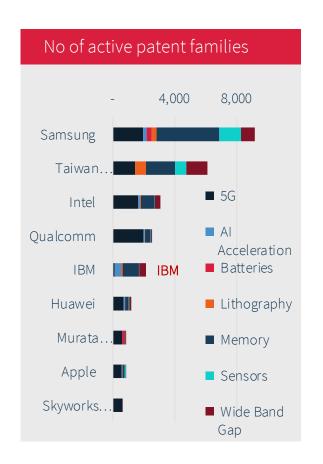
IBM risk exposure to universe

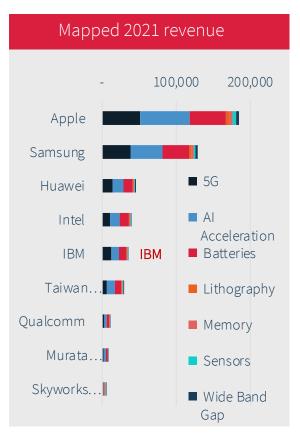


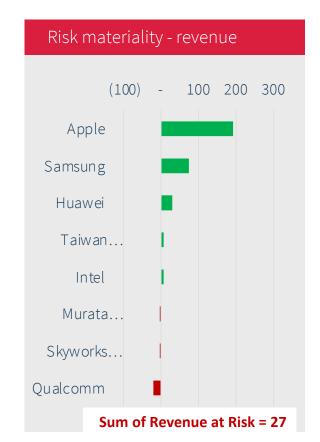


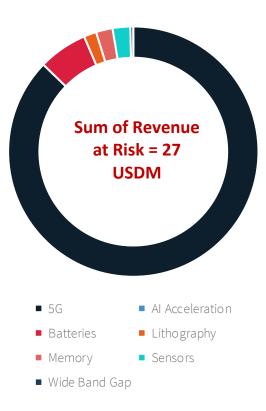


Risk model base case for semiconductors





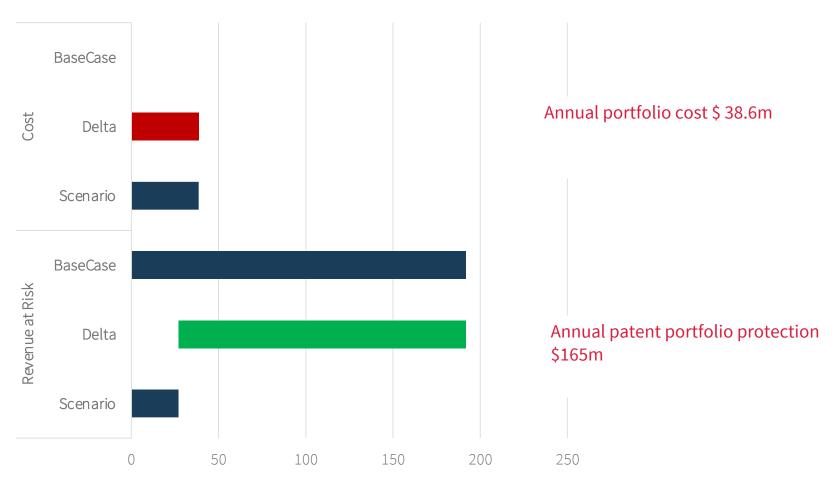






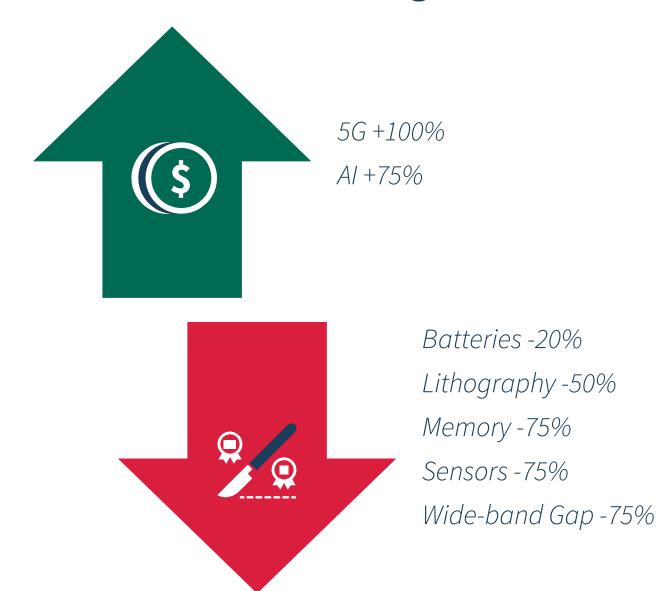
What value is offered by the IBM portfolio?

Scenario analysis: Annual patent portfolio cost vs annual revenue risk materiality, USDM



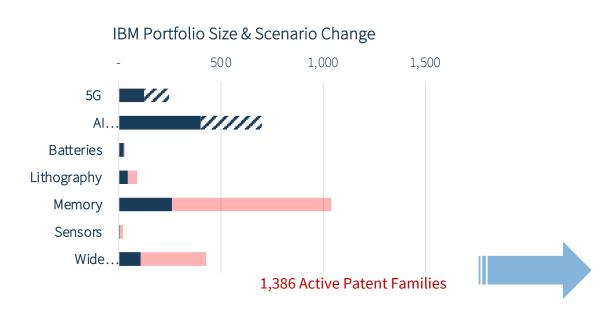


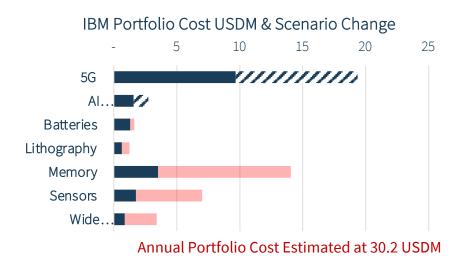
Model change

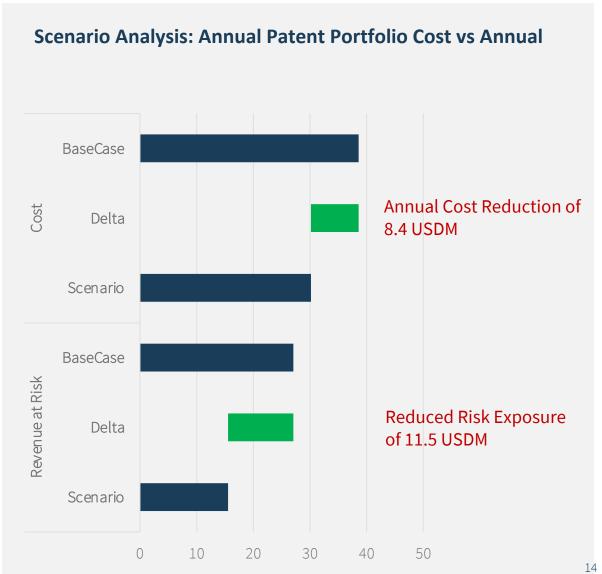


Rebalancing – risk to opportunity



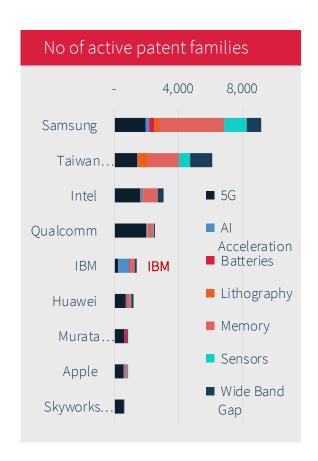


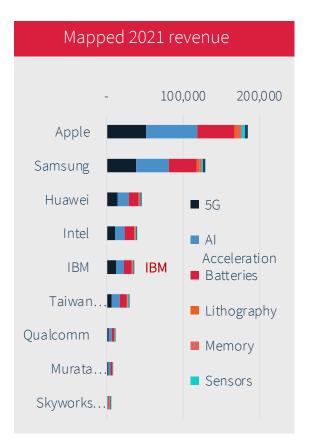


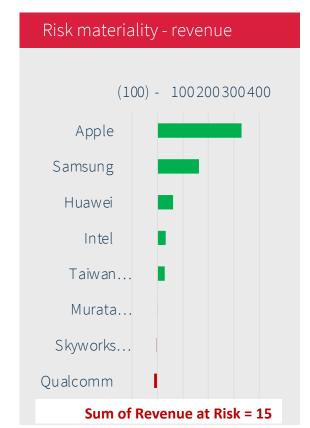


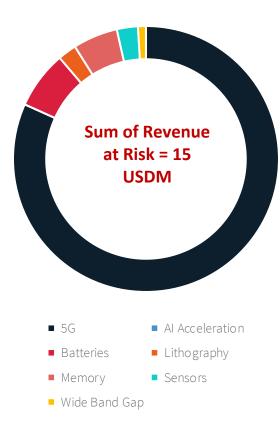


Modelling budget changes

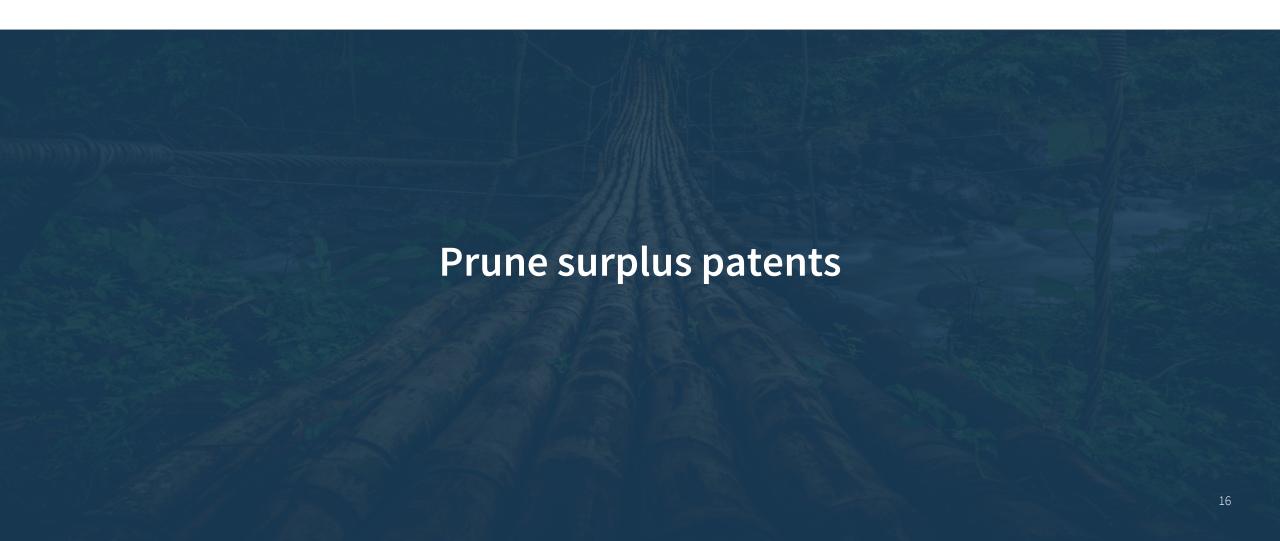






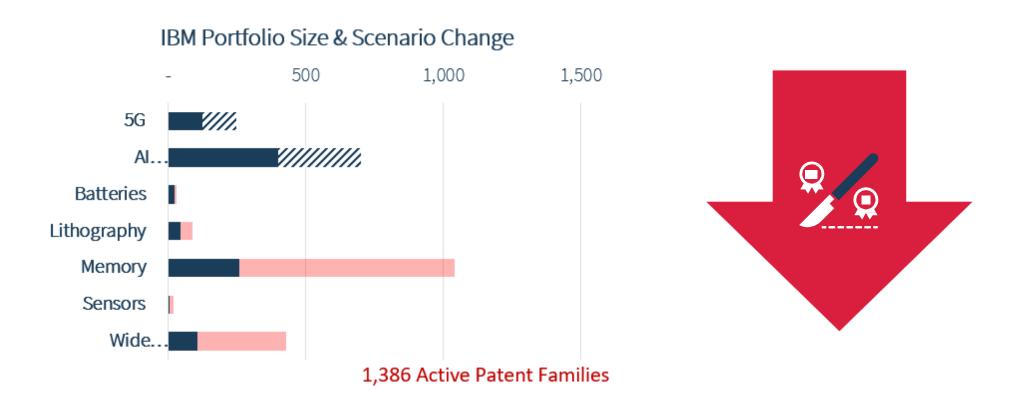






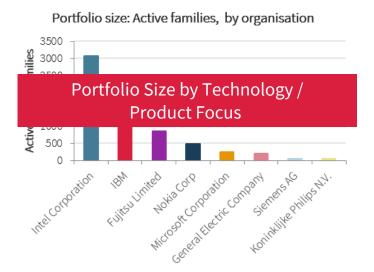


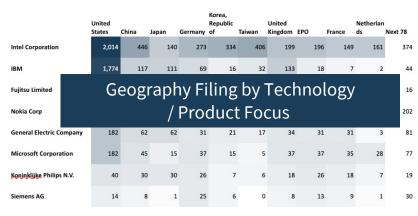
Identify areas that are overstocked

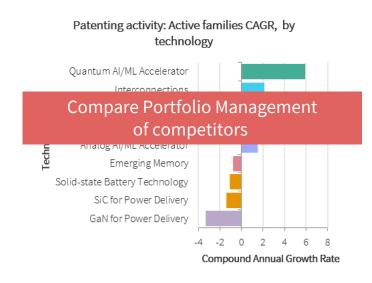




Surfacing data across portfolio of interest

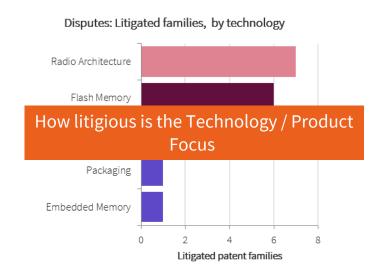


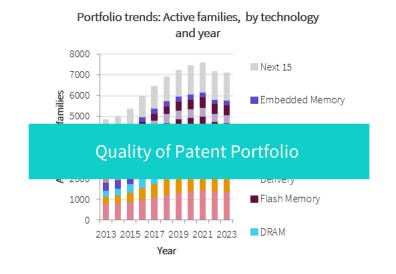


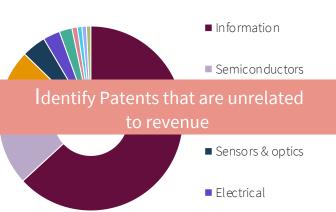


Portfolio size: Active families, by

technology









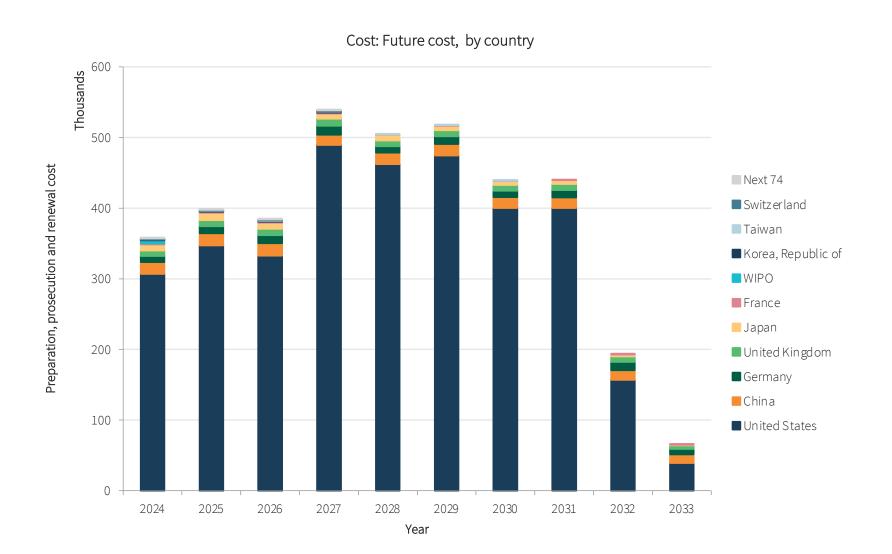
Low hanging fruit – Overstocked & low litigation risk

	Sansun	aiwan c	semiconduct ^c	or IBM	Qualcor	im Huawei T	echnologies	nurata M	sanufacturing Skyworks	sol OTAL
	5"			160	Q,	4,	br.			Λ.
DRAM	627	346	82	122	77	19	11	2	2	1,288
Embedded Memory	121	183	117	68	41	14	6	1	0	551
GaN for Power Delivery	130	152	142	18	13	43	0	20	4	522
Si for Power Delivery	108	196	13	14	6	27	1	6	9	380
Active Material	98	69	7	12	4	17	15	4	0	226
3D-DRAM	44	9	44	11	12	15	1	0	0	136
TOTAL	1,128	955	405	245	153	135	34	33	15	3,103

Currently active patent families (granted or pending) by organisation and technology.



Upcoming renewals

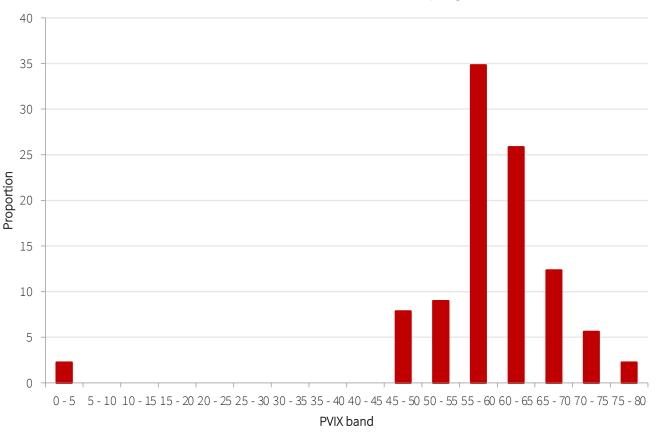


Filter IBMs portfolio by Renewal date and focus on patent families that have a renewal fee in the next budget cycle (2024)



Identify low-quality families





The PVIX quality score considers the following;

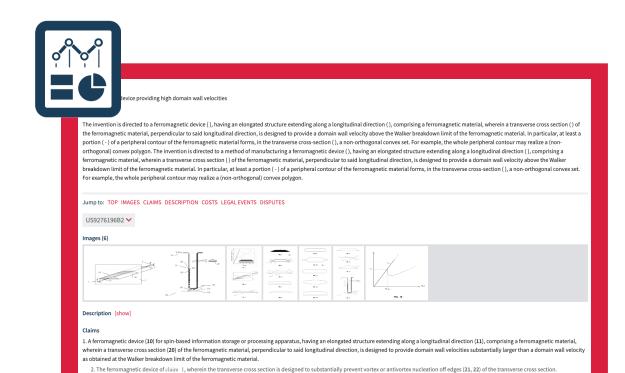
Reputation = Forward citations normalised against self cites

Market = Number of country applications ranked by GDP

Age = Citation analysis is normalised against age



Identify current and future savings

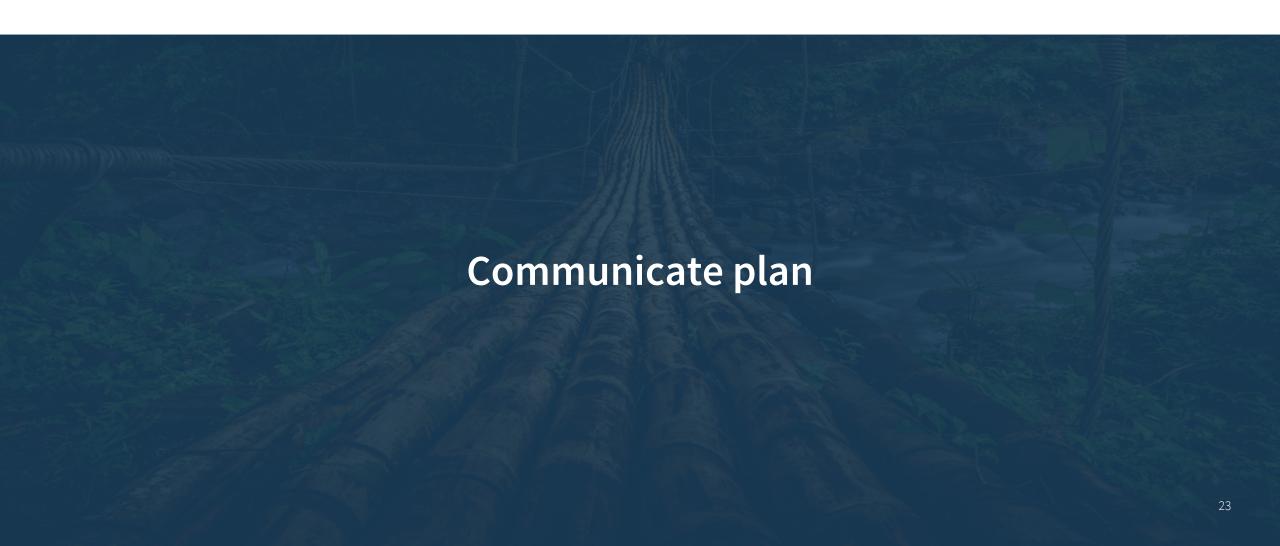


3. The ferromagnetic device of claim 1, wherein a thickness of the ferromagnetic material is reduced at the level of one or more lateral edges (21, 22) of the transverse cross-section (20), preferably along a

Country	DE	CN	GB	US	Total
2024	\$876	\$776	\$617	\$11,754	\$14,023
2025	\$1,040	\$1,086	\$672	0	\$2,798
2026	\$1,216	\$1,086	\$727	0	\$3,029
2027	\$1,393	\$1,086	\$810	0	\$3,289
2028	\$1,592	\$1,396	\$892	\$7,847	\$11,727
2029	\$1,804	\$1,396	\$961	0	\$4,161
2030	\$2,015	\$1,396	\$1,030	0	\$4,441
2031	\$2,215	\$1,396	\$1,098	0	\$4,709
2032	\$2,427	0	\$1,153	0	\$3,508

Lifetime Saving if Family Pruned = \$51,658







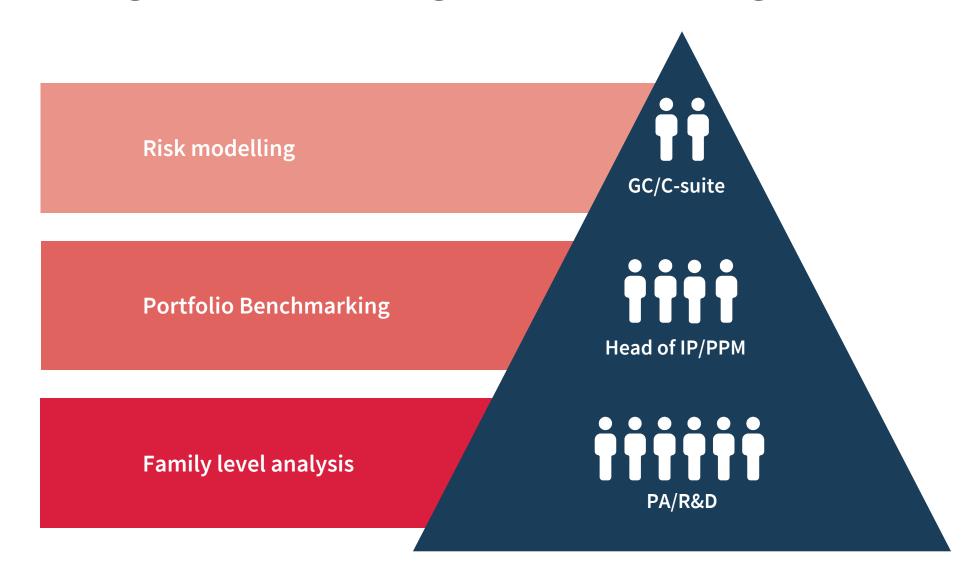


You need to be able to tell a story to your executives, one that's convincing and supported by data.

Jared Engstrom, CrowdStrike



Right data at the right level, at the right time



Storytelling with data





