rubin WORLDWIDE

Linking IT investments to business performance

Top 5 eye openers

1. Top performers capitalize on a hybrid technology mix

Compared to average performers, best-in-class organizations have

10% MORE mainframe

10% MORE public cloud

20% LESS distributed

than their industry counterparts

2. Public cloud is less than 10% of total IT spend

<10%

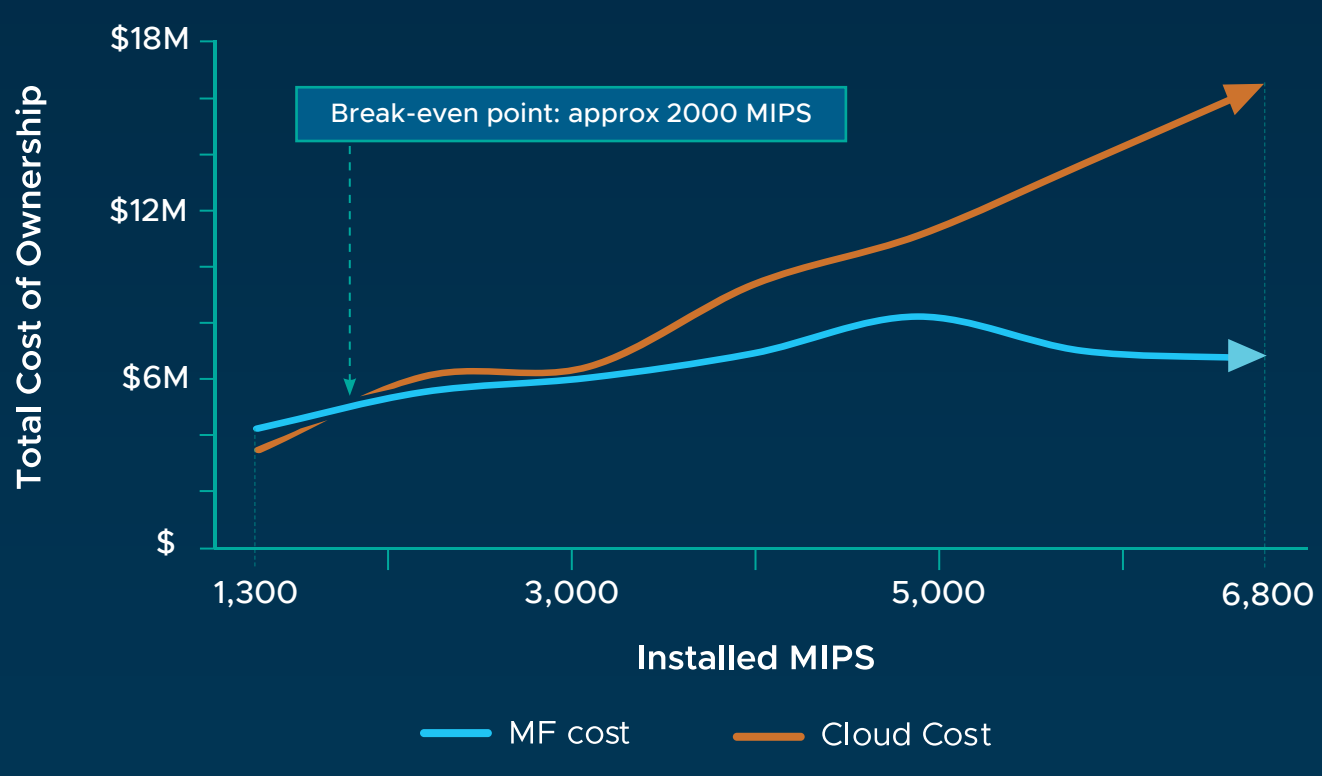
The combined public cloud revenue of Amazon Web Services, Microsoft Azure, Google Cloud, and IBM is less than 10% of the $8.3 trillion in worldwide IT spend.

3. 74% of transactional workloads require only 8% of total IT cost

Technology Asset Class	% of World's Transaction Workloads	% of Cost
Public cloud*	4%	15%
Distributed Servers	11%	62%
Private Cloud	2%	3%
Mainframes	74%	8%
Other	9%	12%

*includes cloud service provider charges and in-house costs

4. TCO per Mainframe Native MIPS and TCO per "Cloud"



5. Financial discipline yields optimized tech investments

Top performing organizations optimize their technology stack by matching IT investment to their specific business growth goals and risk tolerance.

Consider the economics of scaling each asset class.

Nothing scales like mainframe investment. Doubling your footprint can result in a 67% cost reduction per unit of compute.

Moving transactional work from mainframe to public cloud could cost you as much as 5x more in TCO.

2x = 9%
distributed growth — unit cost reduction

2x = 18%
public cloud growth — unit cost reduction

2x = 67%
mainframe growth — unit cost reduction

Gain a competitive advantage through the Technology Asset Class Optimization model.

This framework offers a proven way to optimize investment decisions for your tech stack while strategically balancing new versus existing technology investments.

Explore the Model

Commissioned by BROADCOM MAINFRAME SOFTWARE