



UNLEASHED

An Introduction to Copperleaf for IFS Customers

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Copperleaf, an IFS Company

Aligning Strategy, Tactical & Operational Decisions

Asset Investment Planning
 Enterprise Asset Management
 Project Portfolio Management
 Asset Performance Management

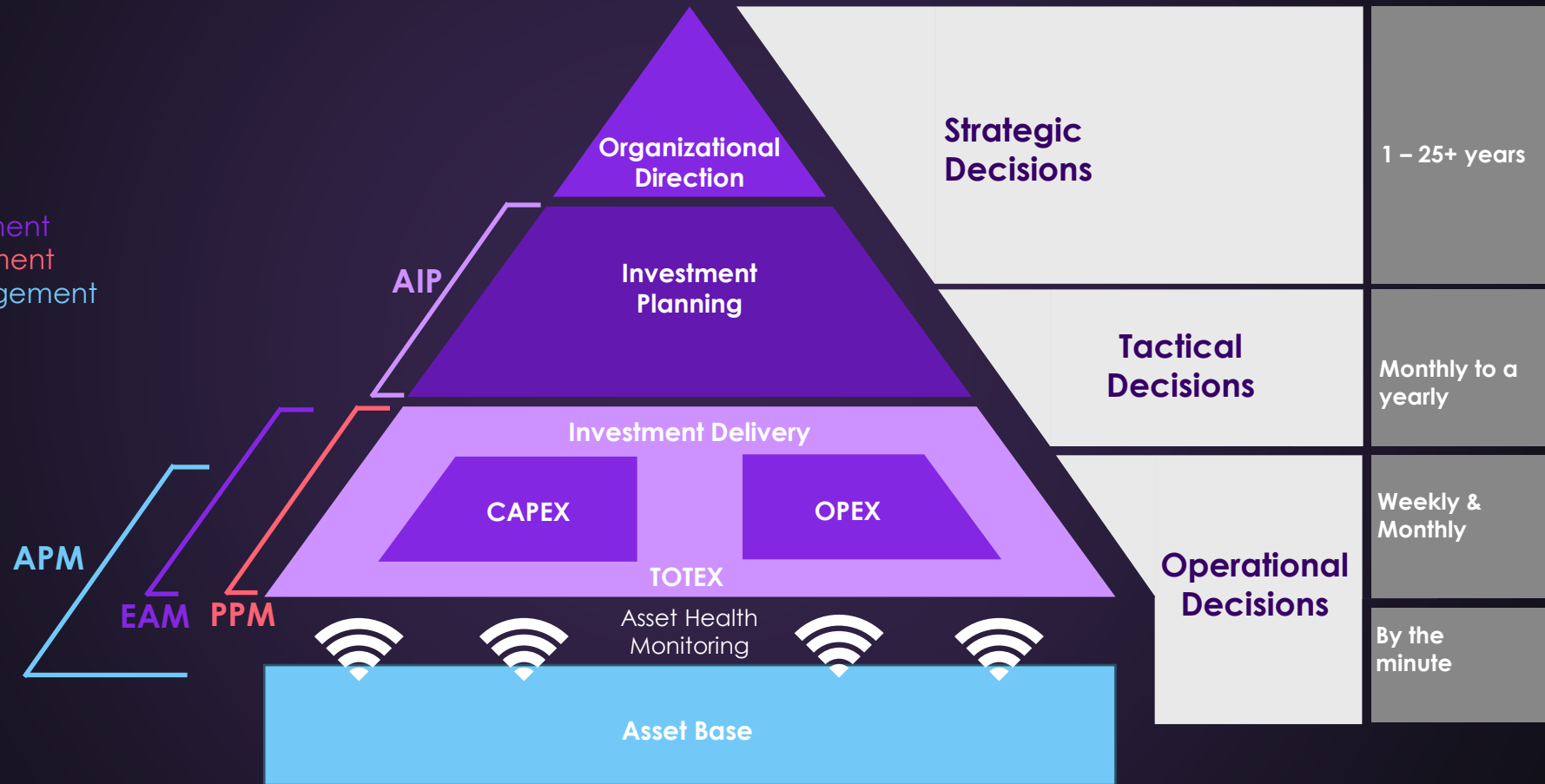


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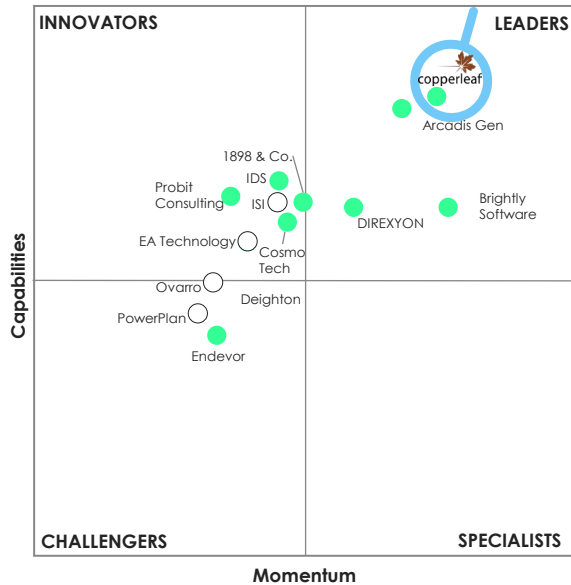
How the analysts position our solutions

AIP

Recognized as a **"Leader"** for Worldwide market-leading value framework and asset investment planning applications

verdantix

Green Quadrant: AIP Software



"Copperleaf combines a market-leading value framework with powerful bottom-up asset modelling and top-down **strategic planning capabilities**, to enable data-driven decision-making."

* Last report: 2023

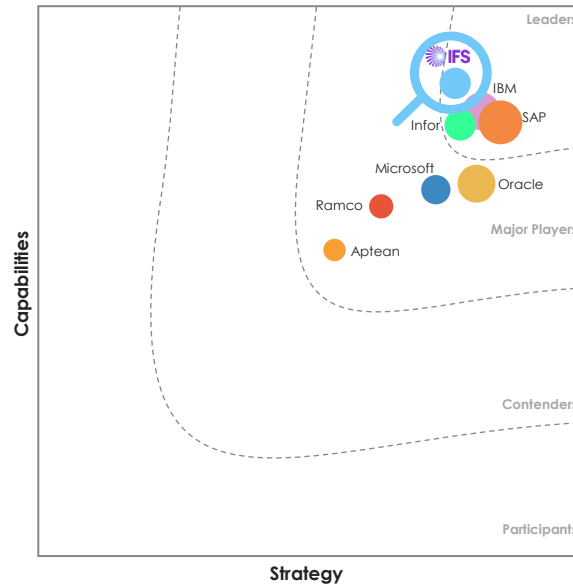


EAM

Recognized as a **"Leader"** for SaaS and Cloud-Enabled Asset-Intensive EAM Applications

IDC

MarketScape for Asset-Intensive EAM*



"Flexible, integrated EAM application to support **complete asset life-cycle** management from initial engineering, procurement, construction, and commissioning through operations and maintenance to decommissioning."

* Last report: 2021

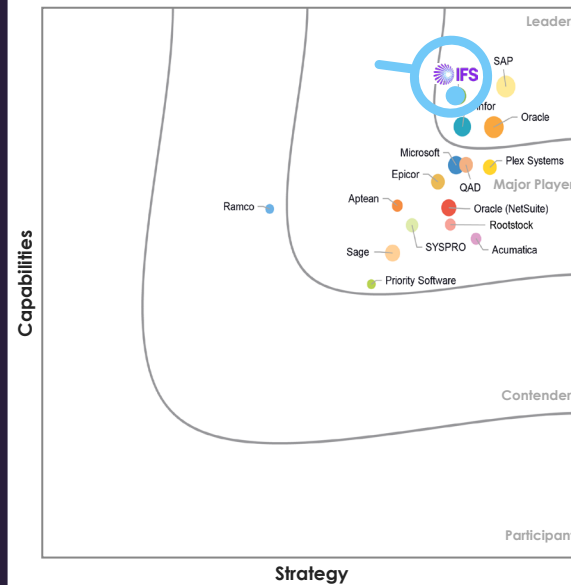


ERP

Recognized as a **"Leader"** for Worldwide SaaS and Cloud-enabled Manufacturing ERP Applications

IDC

MarketScape for Manufacturing ERP*



"IFS recognizes that **deep industry knowledge** is key to its customers' success, and multiple references cited its expertise as critical in the selection process."

* Last report: 2022

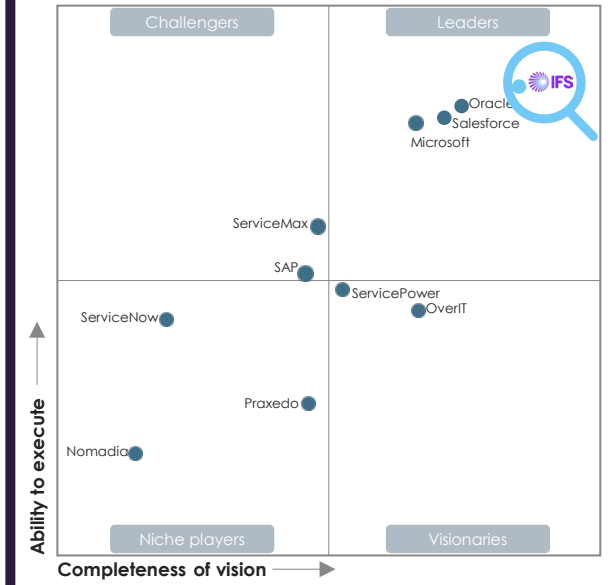


FSM

Recognized as a **"Leader"** for the 7th consecutive time

Gartner

Magic Quadrant for Field Service Management*



Improvements in scheduling optimization have enabled sales of IFS FSM deals that **scale to tens of thousands of users**.

* Last report: 2022



Why is making investment decisions a challenge?

Which Project Would You Do First?



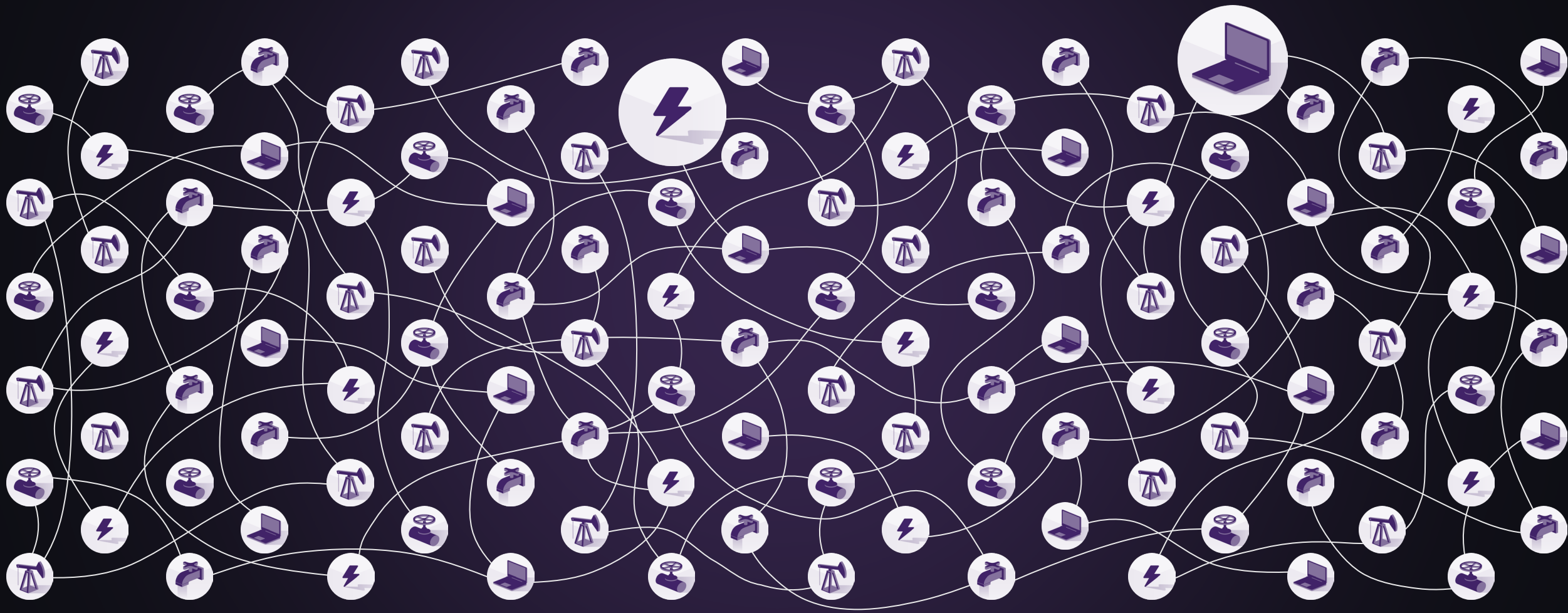
Project A



Project B

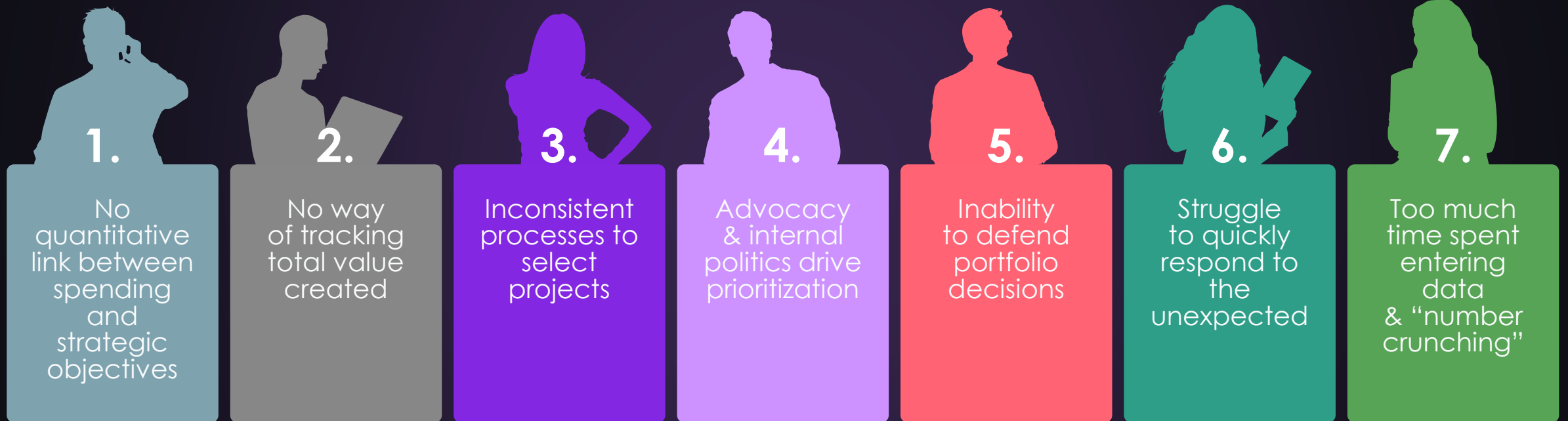
Scope	Replace existing asset	Install new system
Cost	\$2M	\$4.5M
Start-Finish	1 year	2.5 years
Value (Benefits)		
O&M Savings	\$2.5M	\$6M
Improved Reliability	Decrease CMI by 2 minutes	Reduce network outages by 15%
Improve Safety	Lower chance of fatalities by 10%	
Improve Cybersecurity		Improve Mean Time To Detection by 10%
Project Execution Risk	+/- 10%	+/- 30%

What Happens When There Are Hundreds, or Thousands?

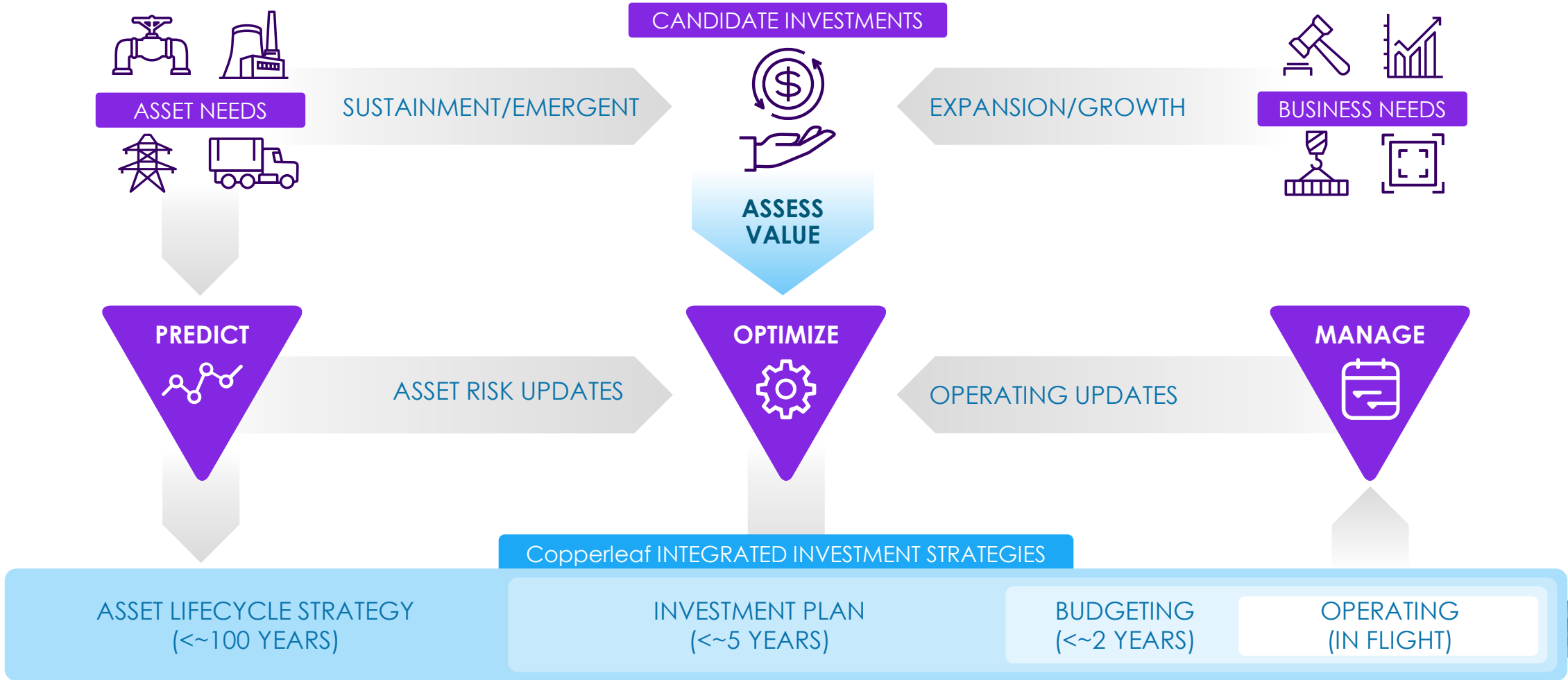


Project Portfolio Decision-Making Challenges

Common Themes

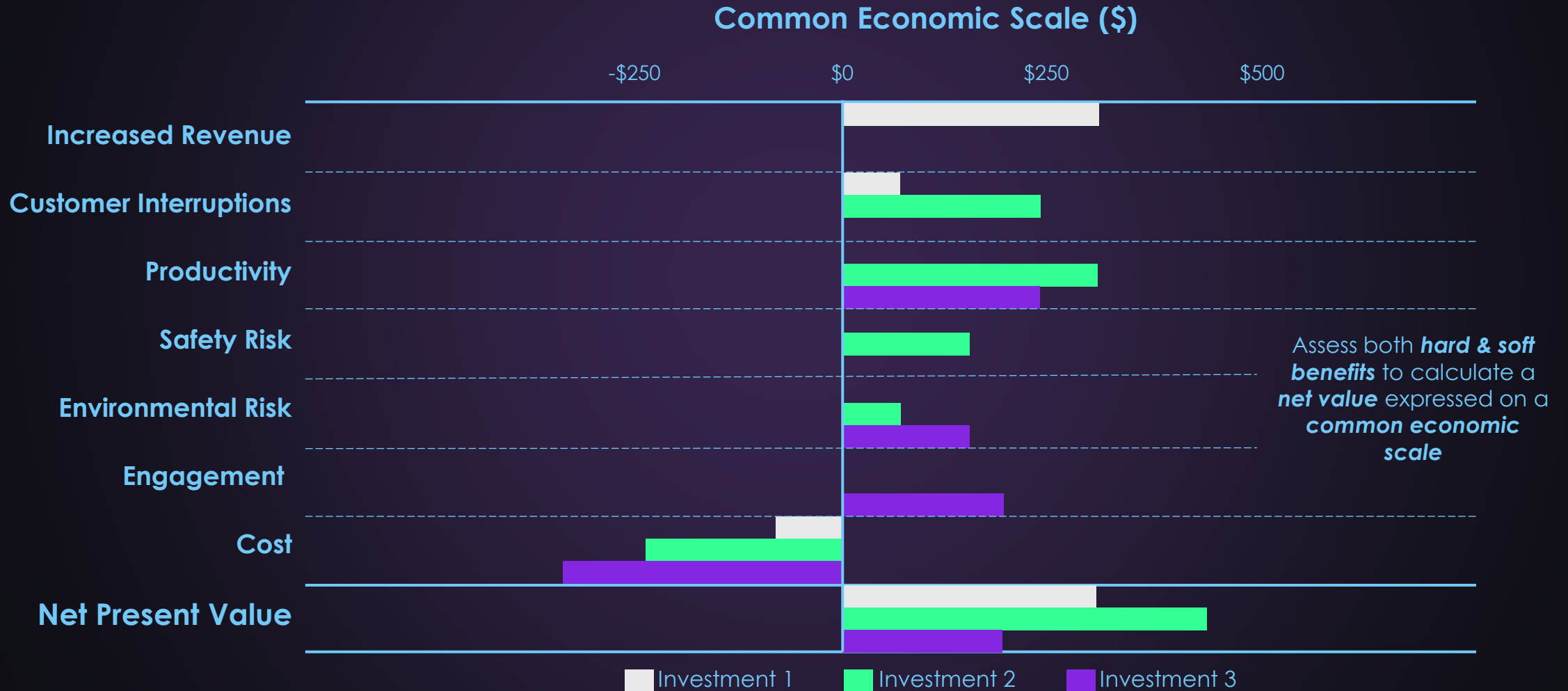


Integrated Investment Strategies



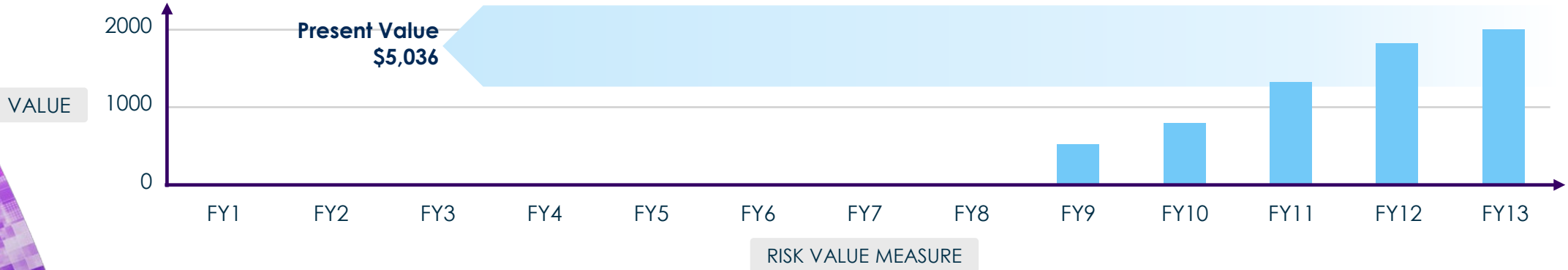
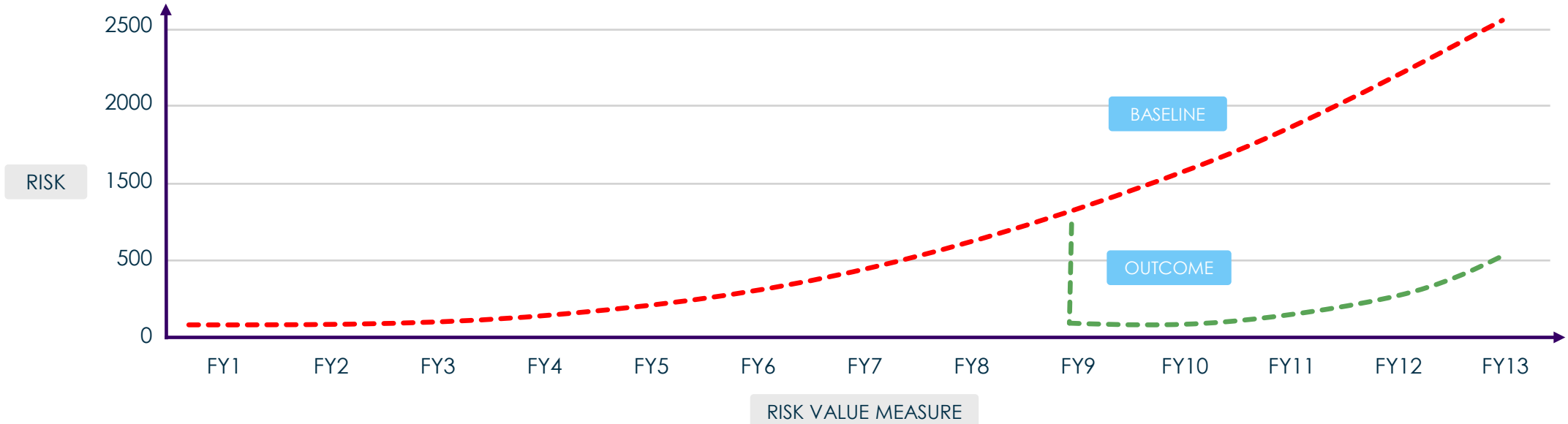
Copperleaf Value Framework

Evaluate Investments On A Common Economic Scale



Copperleaf Value Framework

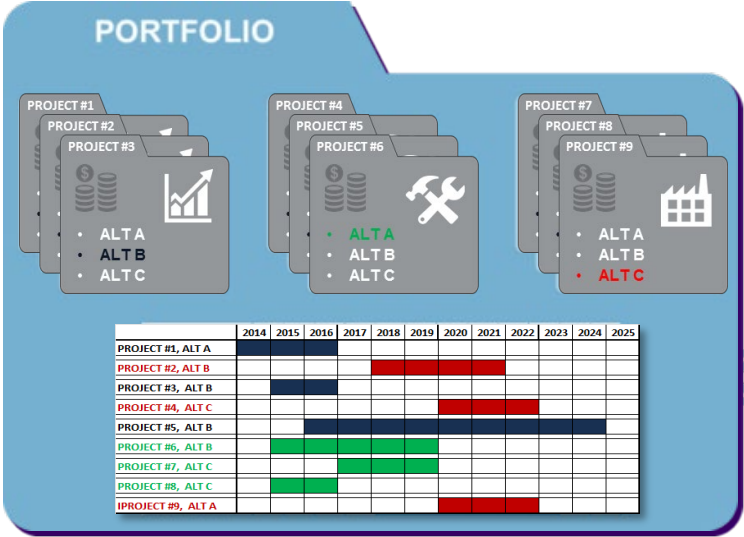
Value over time



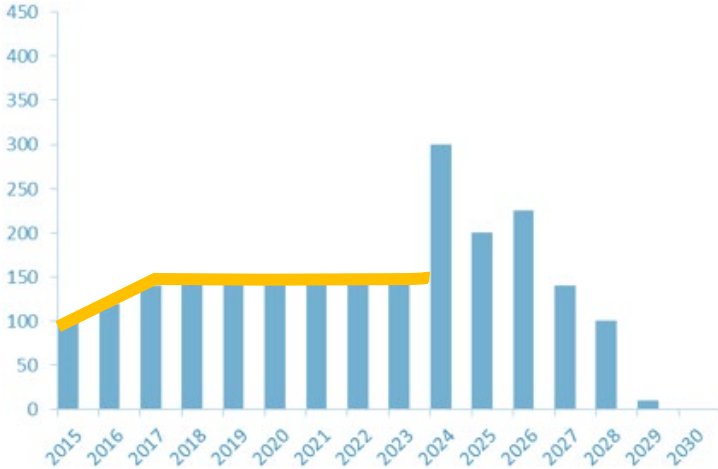
Value-based Optimization

Time based decisions

Optimization determines the optimal set of investments, alternatives, and their timing, that deliver the greatest value while respecting multiple constraints



CONSTRAINTS



- ✓ Considers net value (Value – Cost)
- ✓ Considers value gained per dollar (Value/Cost)
- ✓ Considers different program levels
- ✓ Considers the effects of project deferral
- ✓ Considers multiple project alternatives

Typical Benefits

Higher Capital
Portfolio Value

13%

More investment
plan value

Improved
Asset
Sustainment

30%

Reduced risk

Deliver
Strategic
Objectives

10%

Improved plan
execution

Planning
Process
Efficiency

50%

Reduced
planning time

IFS Cloud will offer the first end-to-end Asset Lifecycle Management solution



Early wins with AIP in IFS Cloud

AIP & EAM

Use asset health, performance, and criticality data to calculate **asset risk**

Make operational decisions with **visibility** into long-term asset plans

AIP & EPM

Leverage resourcing data to make **executable capital plans**

Optimize investment plans in the **same system** you manage and execute projects



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