



AVEVA WORLD

ACCELERATE INDUSTRIAL INTELLIGENCE



AVEVA |  IFS.ai

Sensor to Boardroom.
One Connected Plan.

Continuous Asset Decision Intelligence.



What If...

Every capital dollar you spent could prove that it improved reliability.

Claiming is one thing. Defensible, evidential proof is another.

The gap between asset failure and service restoration disappeared.

Predict when you can, prescribe when you can't. Schedule the right engineer with the right parts at the right time.

Knowledge was available in the field from day 1.

And that knowledge was fed from a living system that learnt from every asset event.

Introducing Continuous Asset Decision Intelligence

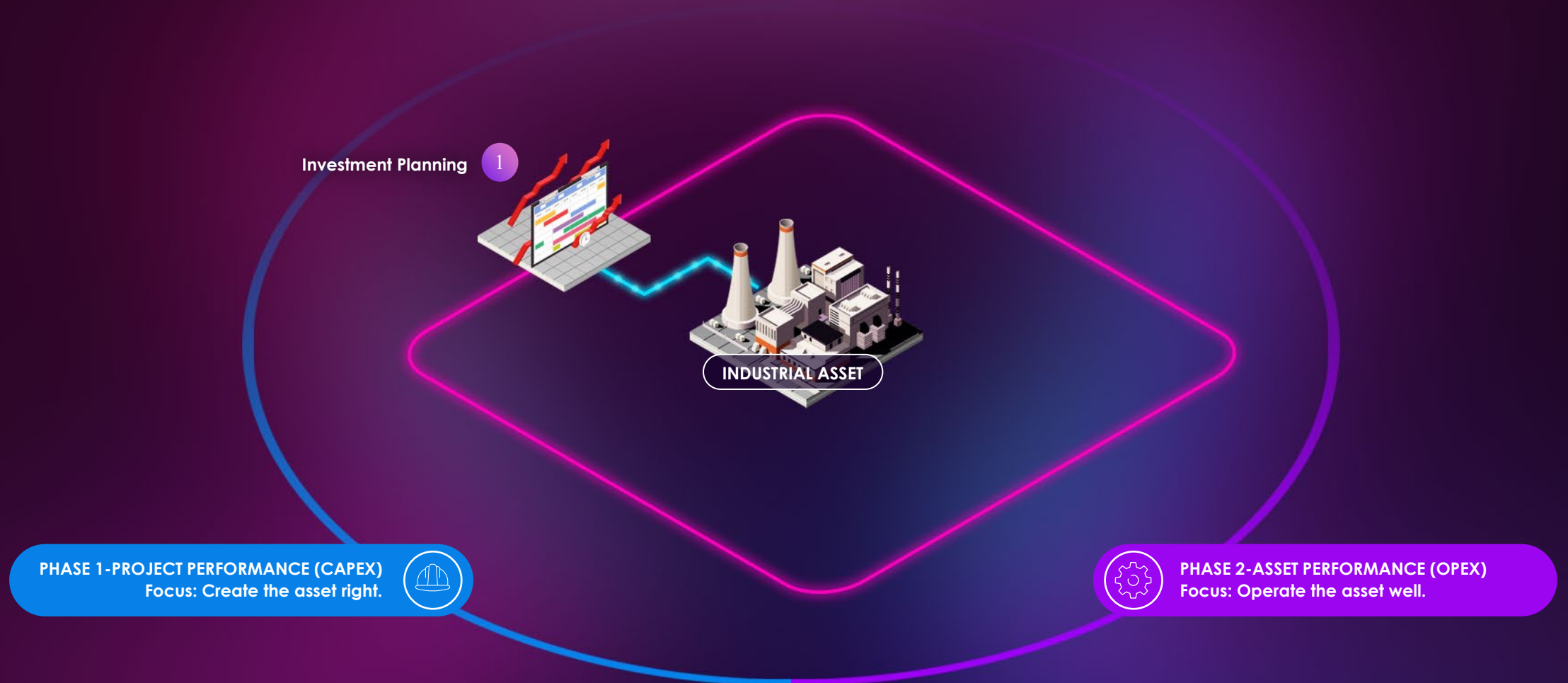


PHASE 1-PROJECT PERFORMANCE (CAPEX)
Focus: Create the asset right.



PHASE 2-ASSET PERFORMANCE (OPEX)
Focus: Operate the asset well.

Introducing Continuous Asset Decision Intelligence



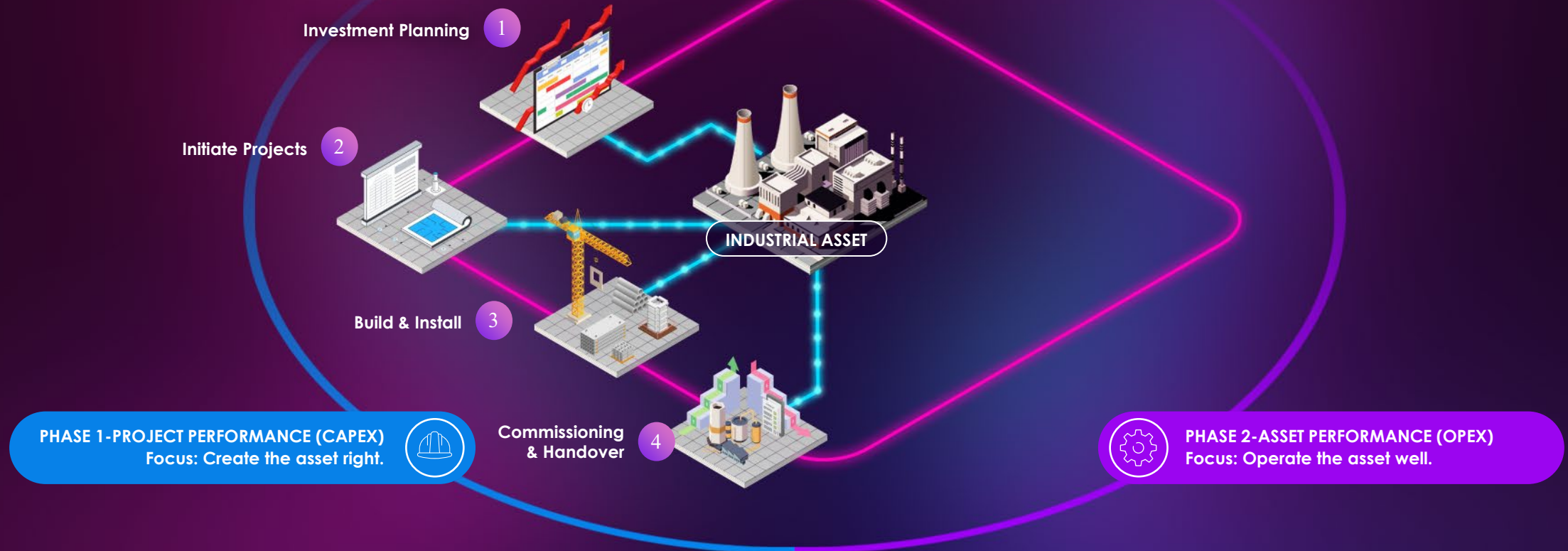
Introducing Continuous Asset Decision Intelligence



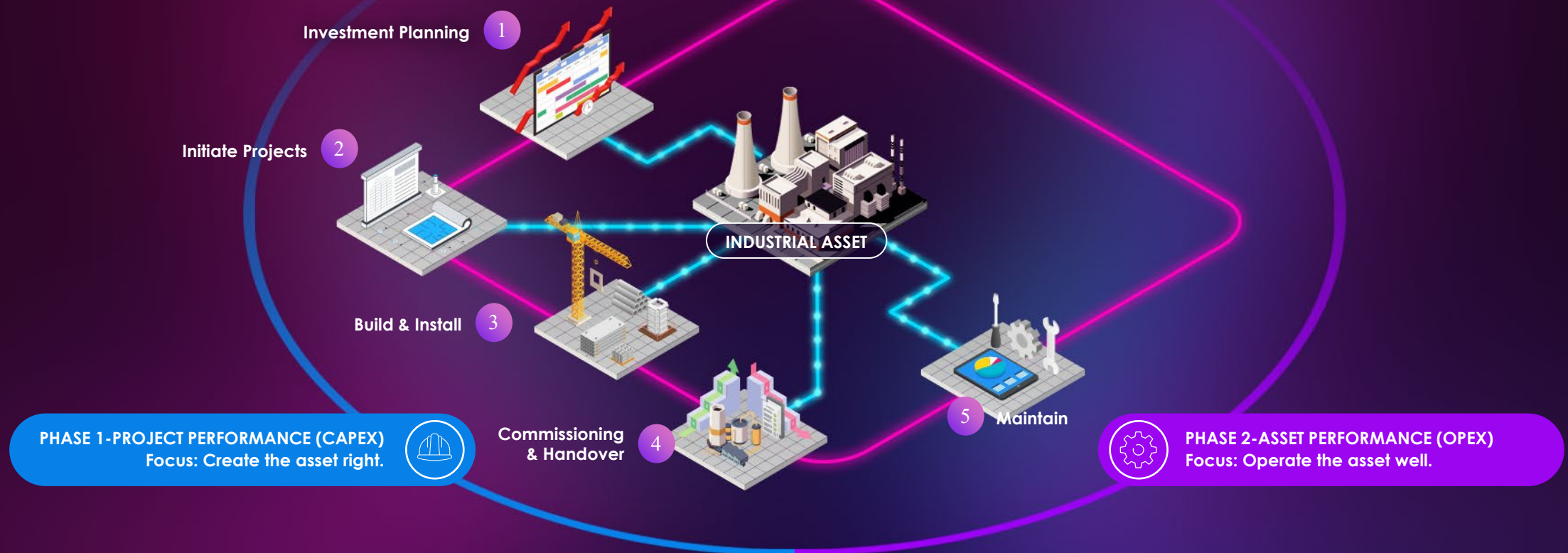
Introducing Continuous Asset Decision Intelligence



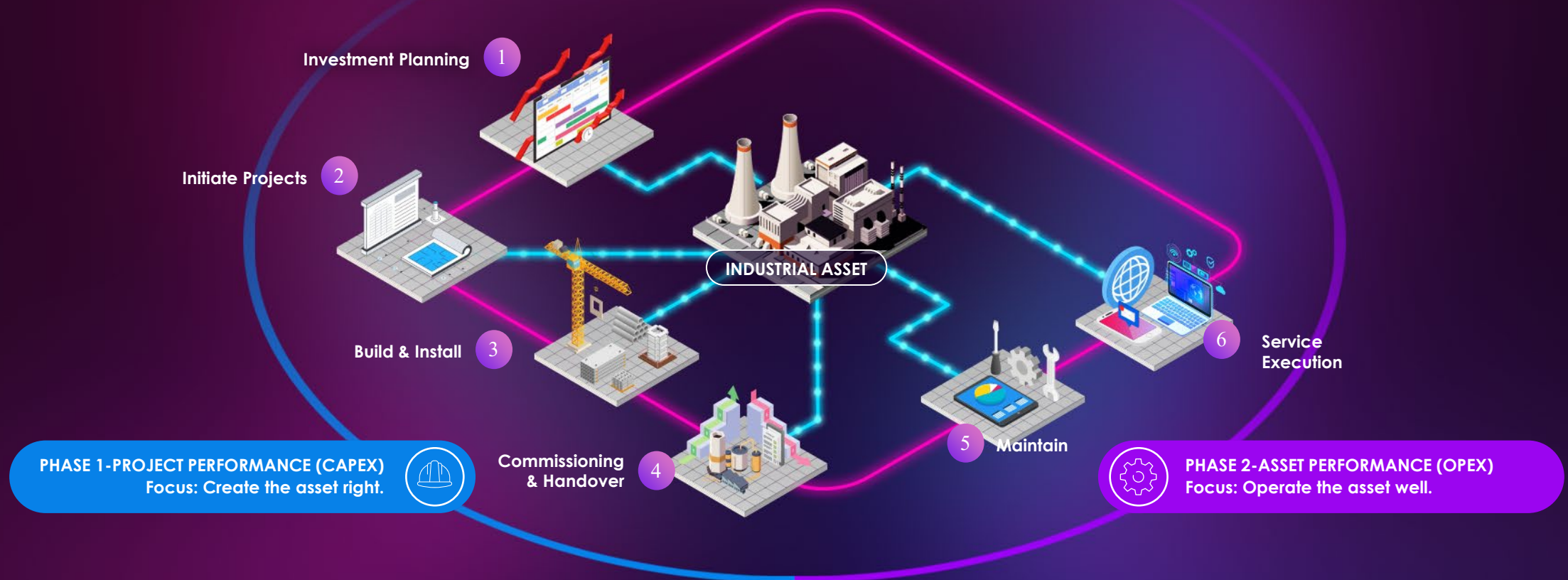
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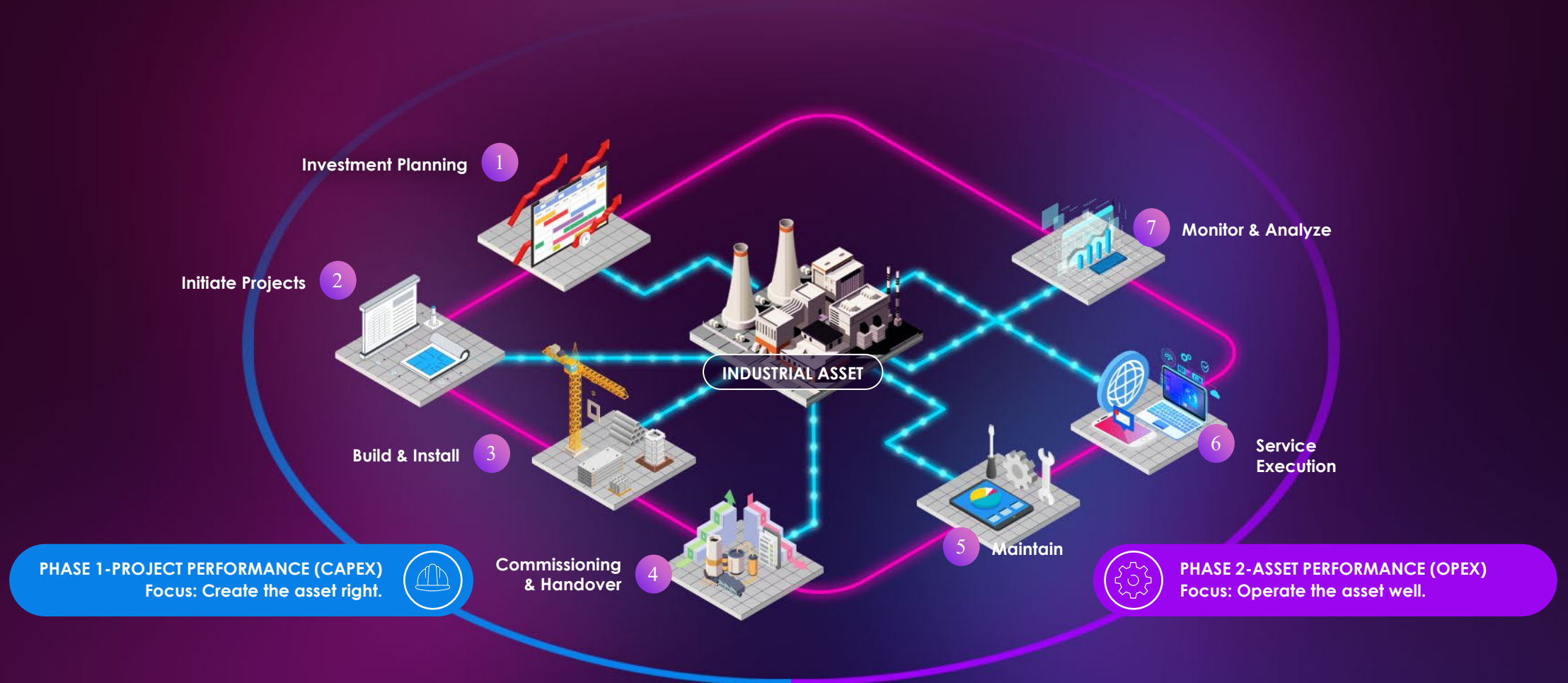
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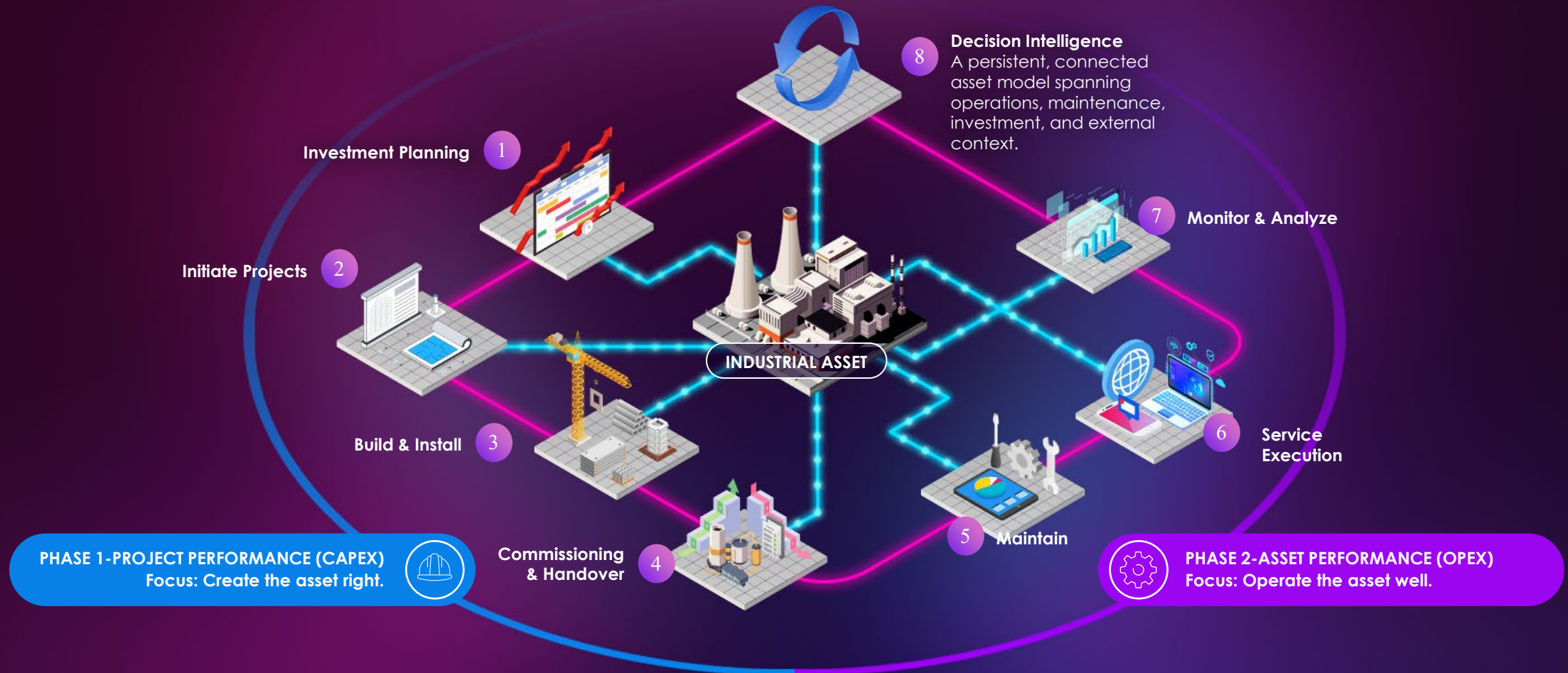
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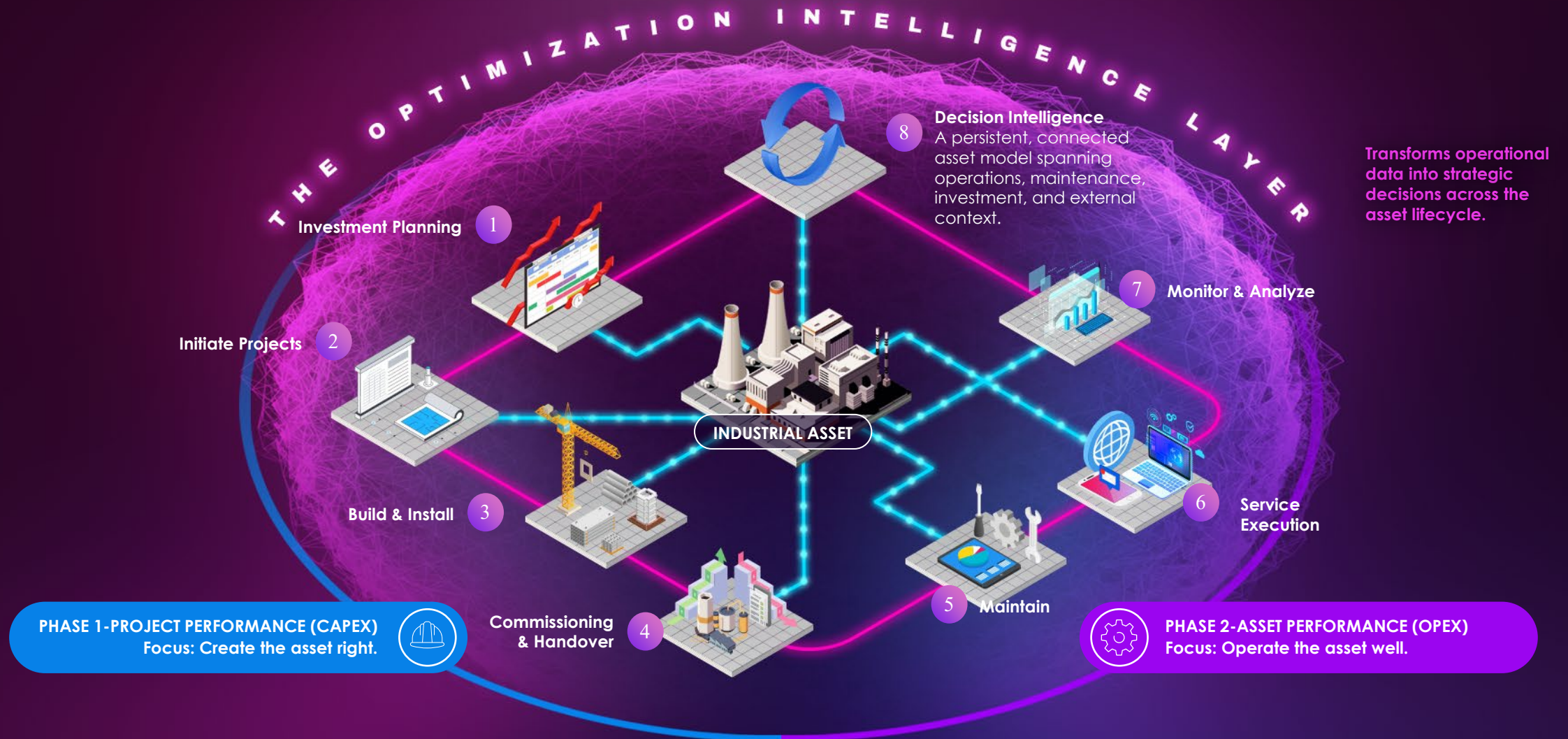
Introducing Continuous Asset Decision Intelligence



Introducing Continuous Asset Decision Intelligence



Introducing Continuous Asset Decision Intelligence



People



Engagement



Profitability

OPEX

160.1m



Vs. Budget Variance

CAPEX

240.3m



Performance

Production Volume

Renewable 20 TWh ▲
Non Renewable 11 TWh ▼



Asset Availability All Facilities

Efficiency

Critical Milestones Schedule Index



Procurement Cycle Time Shareholder

Project Schedule Index

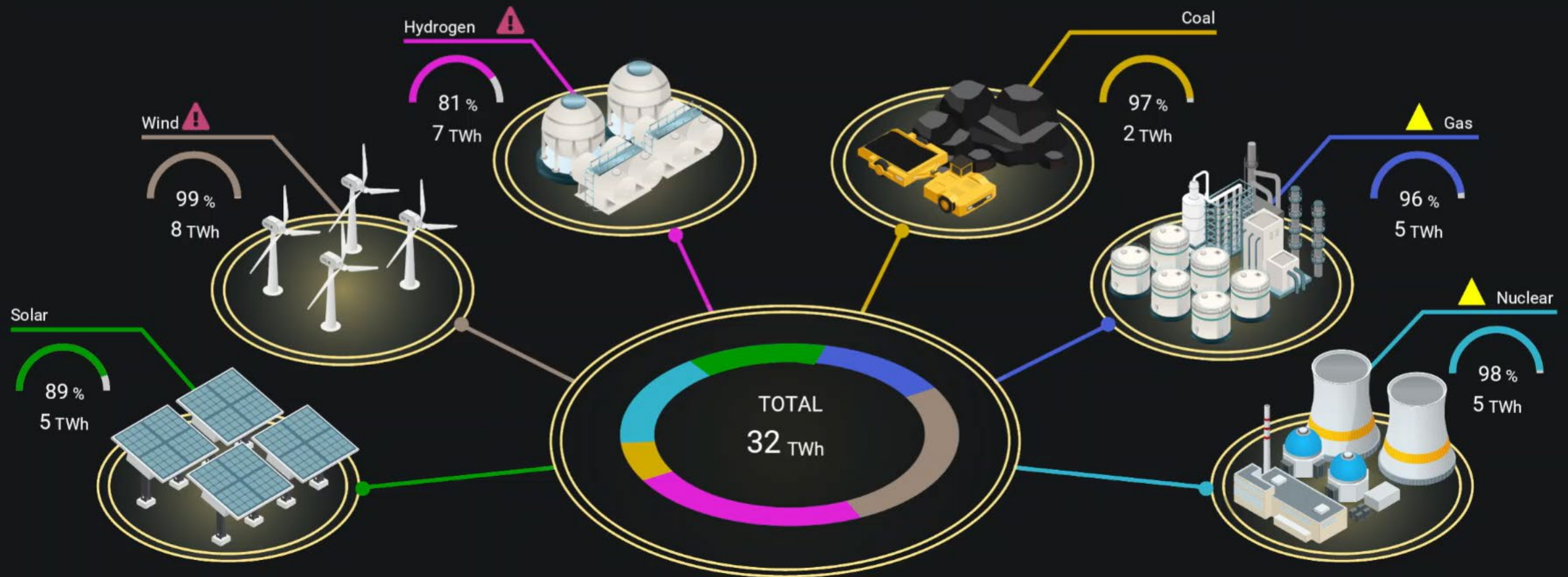


2.72 Pts

HSE



- A Accountability Compliance
- B Asset Integrity Compliance
- C Flaring Intensity



GH01-ELZ
Electrolysis**12****38.4**
Health Index

20 PEM modules
4 severe · 7 moderate
8 mild · 1 end-of-life

GH01-WAT
Water Treatment**2****22.0**
Health Index

DI purification system
Resin exhausted
Iron breakthrough active

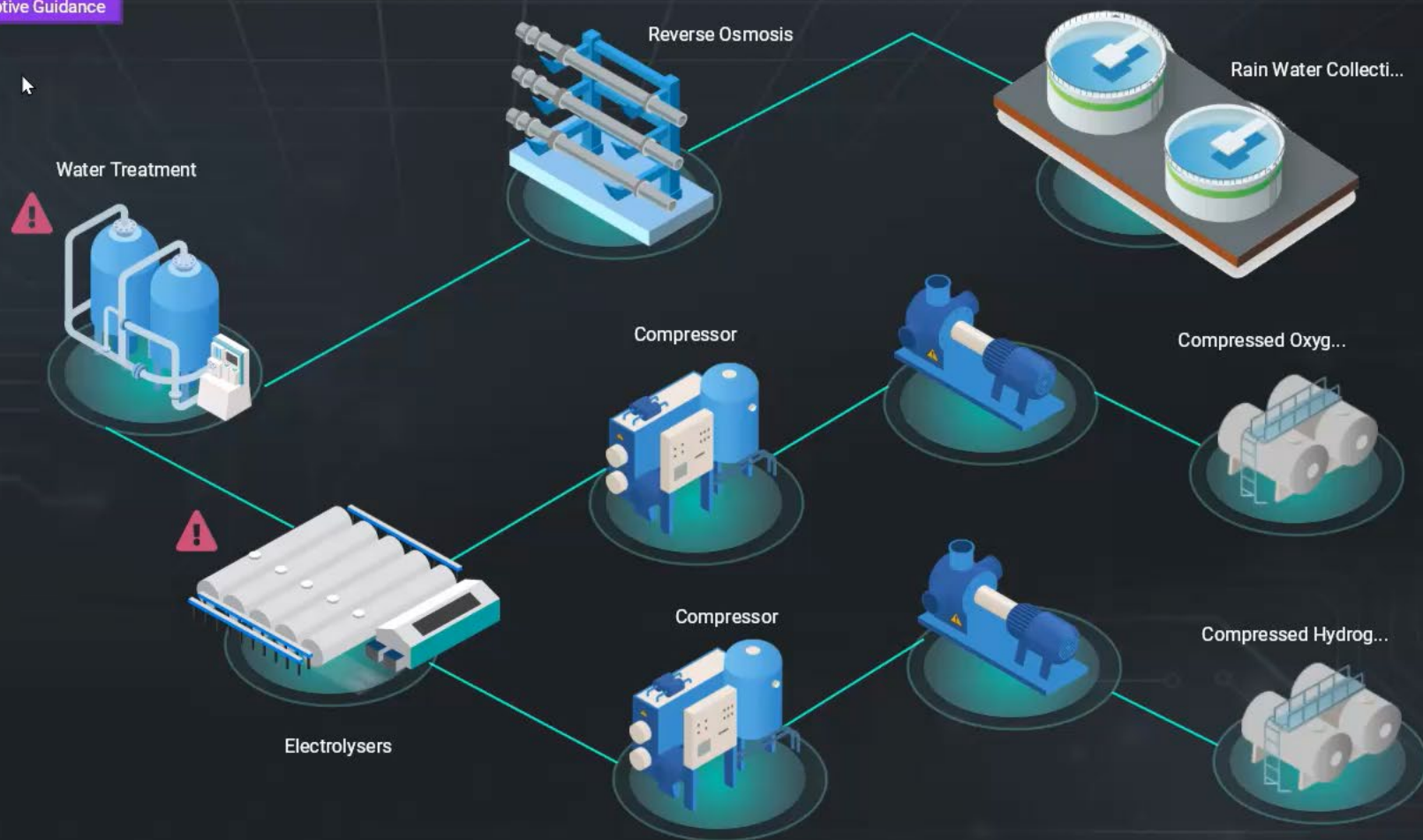
GH01-HCS
Compression**82.5**
Health Index

2× LP compressors
1× HP compressor
Vibration 3.1 mm/s (OK)

GH01-UTL
Electrolysis**88.7**
Health Index

Power conditioning
Cooling, controls, safety
All systems nominal

Prescriptive Guidance



Active alerts

14

12 electrolysis + 2 water

Cmpressor K-101A vib

3.1 mm/s

Normal (alarm at 12)

Plant Health Index

47.2

82.4 baseline

H2 Production Rate

17340 Nm³/h

78.8% of 22,000 target

DI water resistivity

0.4 MΩ·cm

Threshold 1.0

Iron concentration

85 ppb

OEM limit: 20 ppb

Specific energy

56.3 kWh/kg

Target ≤52 kWh/kg

H₂ purity**99.95%**

Spec ≥99.9% — still OK

Projected H2 Production



H2 Production Delta



Daily H2 Prod Target

95 %

Current Daily H2 Production

95 %

Estimated H2 Production EOD

95 %

RESOLVE PREDICT · FLEET-LEVEL DIAGNOSIS

€4.5M CONSEQUENCE

22:1 RATIO

97% CONFIDENCE

Contamination Cascade · 20 Modules Affected

AVEVA CONNECT showed what. Resolve Predict reasons across all 20 modules at once — combined with work order history from IFS Cloud, OEM technical bulletins, and operating context — to explain why and prescribe what to do, each with a confidence score.

LANE 1

2 actions

DIRECT TO IFS CLOUD EAM

€55K

Emergency · operational · within maintenance authority

LANE 2

3 actions

THROUGH COPPERLEAF

€3.40M

Capital investments · portfolio optimization

LANE 3

1 action

COPPERLEAF CONDITIONAL

€1.35M*

*Conditional · no WO created · awaiting monitoring data

Recommended Actions with Routing							
The bridge from diagnosis to execution. Click any row for full prescriptive detail. The destination column shows which downstream system receives each action — high confidence + urgent → Lane 1; high confidence + capital → Lane 2; lower confidence → Lane 3.							
ID	ACTION	LANE	COST	POF	COF	CONFIDENCE	DESTINATION
A1	Emergency resin replacement V-201A/B GH01-WAT-01-002, GH01-WAT-01-003	LANE 1	€50K	—	Severe	97%	IFS Cloud EAM >
A2	Fleet-wide enhanced monitoring (post water fix) GH01-ELZ-01-001 through 020	LANE 1	€5K	—	N/A	95%	IFS Cloud EAM >
A3	Tier 1 stack replacements (4 modules) GH01-ELZ-01-001, 002, 003, 004	LANE 2	€2.8M	70-85% at 90d	Major	92%	Copperleaf → IFS Cloud PPM >
A4	Module 17 refurbishment (MEA replacement) GH01-ELZ-01-017	LANE 2	€450K	45% at 180d	Moderate	88%	Copperleaf → IFS Cloud PPM >
A5	Secondary iron filtration (V-202) GH01-WAT-01-004 (new asset)	LANE 2	€150K	N/A	Severe	97%	Copperleaf → AVEVA Engineering → IFS PPM >
A6	Tier 2 conditional monitoring (7 modules) GH01-ELZ-01-005 through 011	LANE 3	€1.35M conditional	25-45% at 12mo	Moderate	68%	Copperleaf (conditional) >
The routing logic is visible in the table. High-confidence emergency items skip the capital queue. High-confidence capital items go through Copperleaf for optimization. Lower-confidence items wait for data — Copperleaf holds the budget but creates no work orders until the confidence rises.							

6:35

5G 78

Schedule

M
18T
19W
20T
21F
22S
23S
24

Monday, May 18

Day

Month

1



230 BUNDLE

**Emergenc
y resin r...**

Lyon, France

ASSIGNED

Lyon, France

2h allocated · 12:00...

2



222 BUNDLE

**Fleet enhanced
monitoring - 3...**

Lyon, France

ASSIGNED

Lyon, France

2h allocated · 4:00 ...

3



223 BUNDLE

**Compressor A
vibration inve...**

Lyon, France

ASSIGN



My Work



Schedule



Inventory



Me

... ≡ ↗



▼ Pinned



Lucia Ferretti (You)

VI



Reject

 Post in channel

Desktop 3



Portfolios

Portfolio Hierarchies

Submit (1)

Scenarios

Initiate Workflow

Reports

Planning Portfolios

Planning Portfolios

LVI - Green Hydrogen Generation Portfolio

0

01 - LVI - Green Hydrogen Generation Finished Projects

0

2024 Projects

4

2025 Projects

15

02 - LVI - Green Hydrogen Generation Upcoming Projects

0

2026 Projects

15

03 - LVI - Green Hydrogen Generation Long Term Projects

0

2027 Projects

4

2028 Projects

2

2029 Projects

1

Whistler Group

2570

Portfolio Investments

Add Investments

Remove Investments

Name	Code	Start Date	Stage	Investment Owner	Facility	Type
Water Purification Upgrade – Secondary Iron Filtration (V-202)	CL-2026-001	03/01/2026	Executing	Administrator, CopperLeaf (cltadmin)	GHG / Green Hydrogen Generation	New Installation
Tier 1 Module 3 Stack Replacement	CL-2026-002	07/01/2026	Executing	Administrator, CopperLeaf (cltadmin)	GHG / Green Hydrogen Generation	Like-for-Like Replacement
Tier 1 Module 1 Stack Replacement	CL-2026-003	07/01/2026	Short Term Planning	Administrator, CopperLeaf (cltadmin)	GHG / Green Hydrogen Generation	Like-for-Like Replacement
Tier 1 Module 2 Stack Replacement	CL-2026-004	08/01/2026	Long Term Planning	Administrator, CopperLeaf (cltadmin)	GHG / Green Hydrogen Generation	Like-for-Like Replacement
Tier 1 Module 4 Stack Replacement	CL-2026-005	08/01/2026	Long Term Planning	Administrator, CopperLeaf (cltadmin)	GHG / Green Hydrogen Generation	Like-for-Like Replacement
Module 17 Membrane Refurbishment	CL-2026-006	07/01/2026	Short Term Planning	Administrator, CopperLeaf (cltadmin)	GHG / Green Hydrogen Generation	Refurbishment
Tier 2 Module 10 Refurbishment	CL-2026-007	10/01/2026	Short Term Planning	Administrator, CopperLeaf (cltadmin)	GHG / Green Hydrogen Generation	Refurbishment
Tier 2 Module 11 Refurbishment	CL-2026-008	10/01/2026	Initial	Administrator, CopperLeaf (cltadmin)	GHG / Green Hydrogen Generation	Refurbishment
Tier 2 Module 8 – Conditional Refurbishment	CL-2026-009	10/01/2026	Initial	Administrator, CopperLeaf (cltadmin)	GHG / Green Hydrogen Generation	Refurbishment

1

25

Items per page

1 - 15 of 15

2026 Projects

00 - LVI - Requested Plan

2026

To

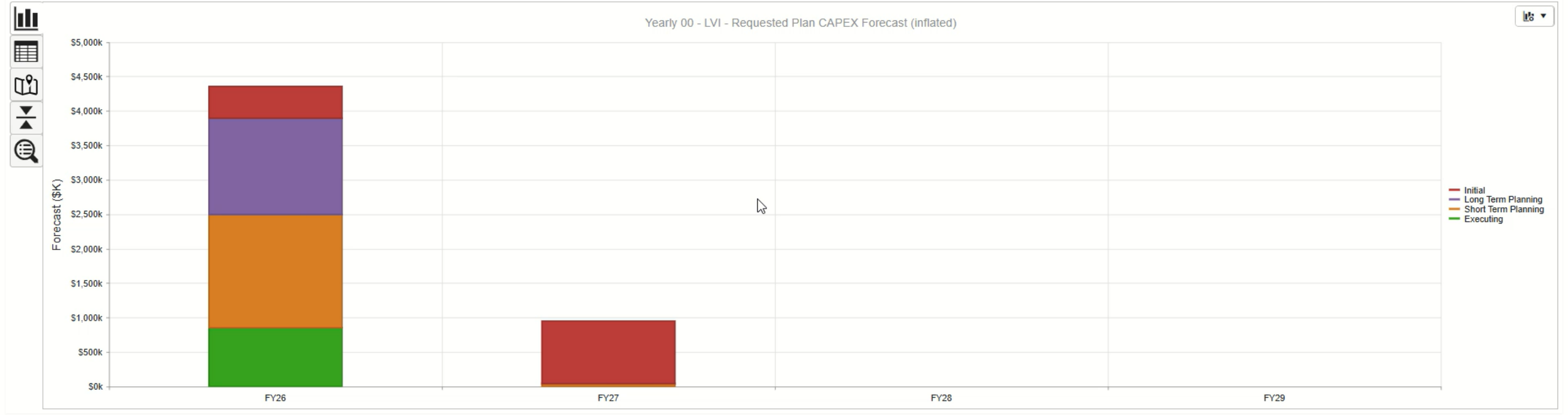
2029

Loaded

Thousands

Data Quality Confidence

High



Why This Matters

Your assets are talking.

But nobody's listening in a single language.

US Consumers each lost nearly 11 hours of power last year.

And the infrastructure is only getting older.

The most valuable engineers in your organization are about to retire.

And they're taking decades of "why" with them.

Industrial AI is IFS.ai

We deliver industrial AI
and enterprise software
for hardcore businesses
that make, service, power
and protect our planet.



OUR VISION

To be the **undisputed**
category leader in
industrial software

4 solution sets

Field Service
Management

Enterprise
Resource Planning

Enterprise Asset
Management

Enterprise Service
Management

6 industries



Aerospace
& Defense



Construction
& Engineering



Energy, Utilities
& Resources



Manufacturing



Transportation



Telecommunications

It all started in a tent

It all started in a tent



Our founders pitched a tent on
the site of our **first customer**.

We have stayed close to our customers ever since.



THIS IS IFS TODAY

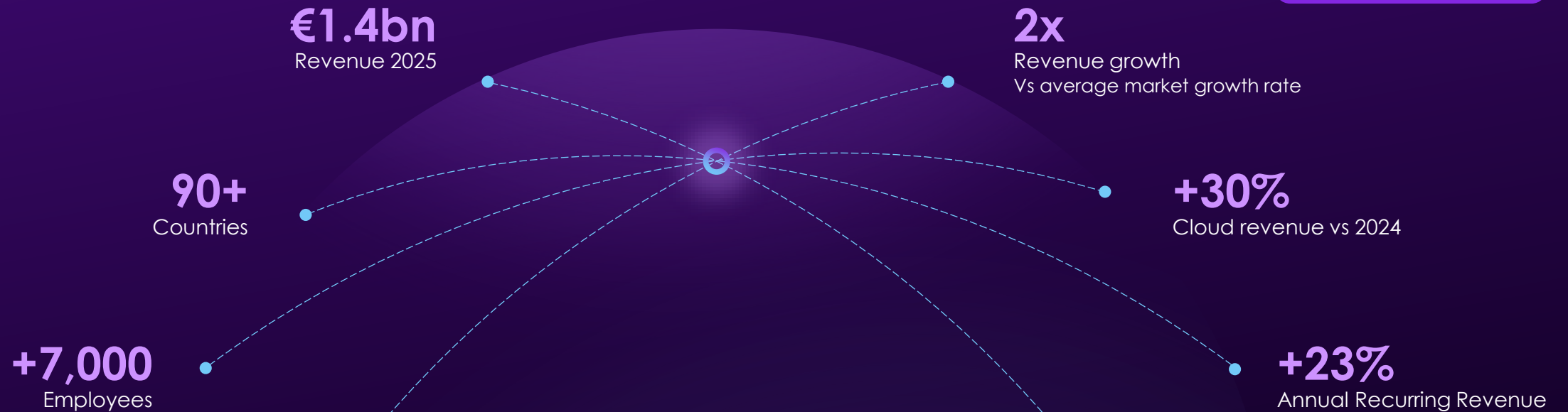
Today we are a **global company**,
working with some of the
world's largest businesses

Ownership

TA ASSOCIATES

×Hg

IEQT



Some of our customers and partners



BAE SYSTEMS



exelon



APM TERMINALS
Lifting Global Trade



SPIE



stc



TOYOTA

accenture

pwc

Deloitte.

Capgemini

Microsoft



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