AMT4SAP

Global Standardisation of a Zero Based Budget

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RPMGLOBAL

GLOBAL CLIENT BASE

GLOBAL COMMODITY LEADERS

OVER **50** YEARS

125 COUNTRIES

23 OFFICES GLOBALLY

RPMGLOBAL

33 NEW PRODUCTS

10 ACQUISITIONS

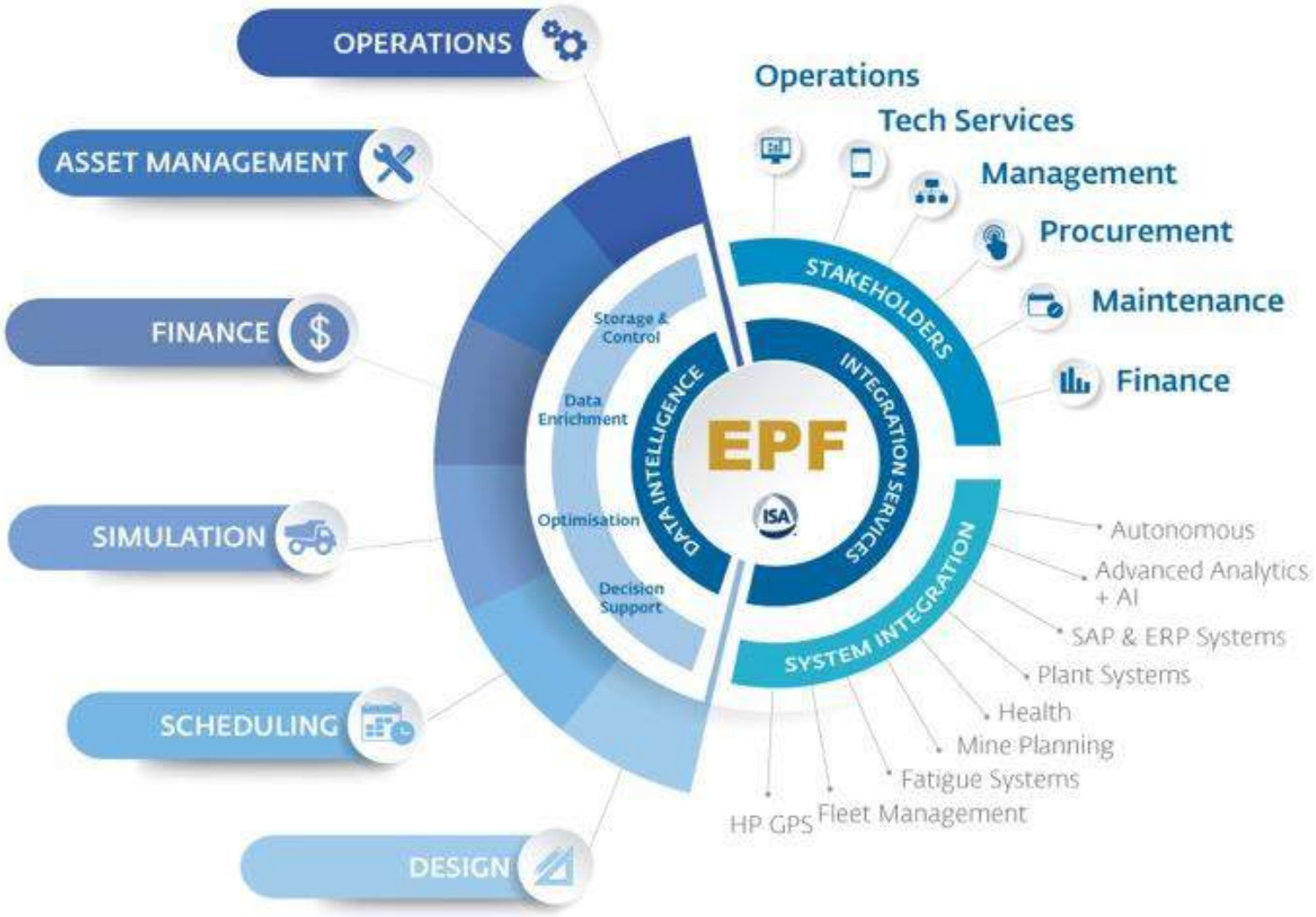
>100 NEW INTEGRATION ADAPTORS

275% INCREASE IN DEVELOPMENT RESOURCES

$135M+ INVESTMENT IN TECHNOLOGY

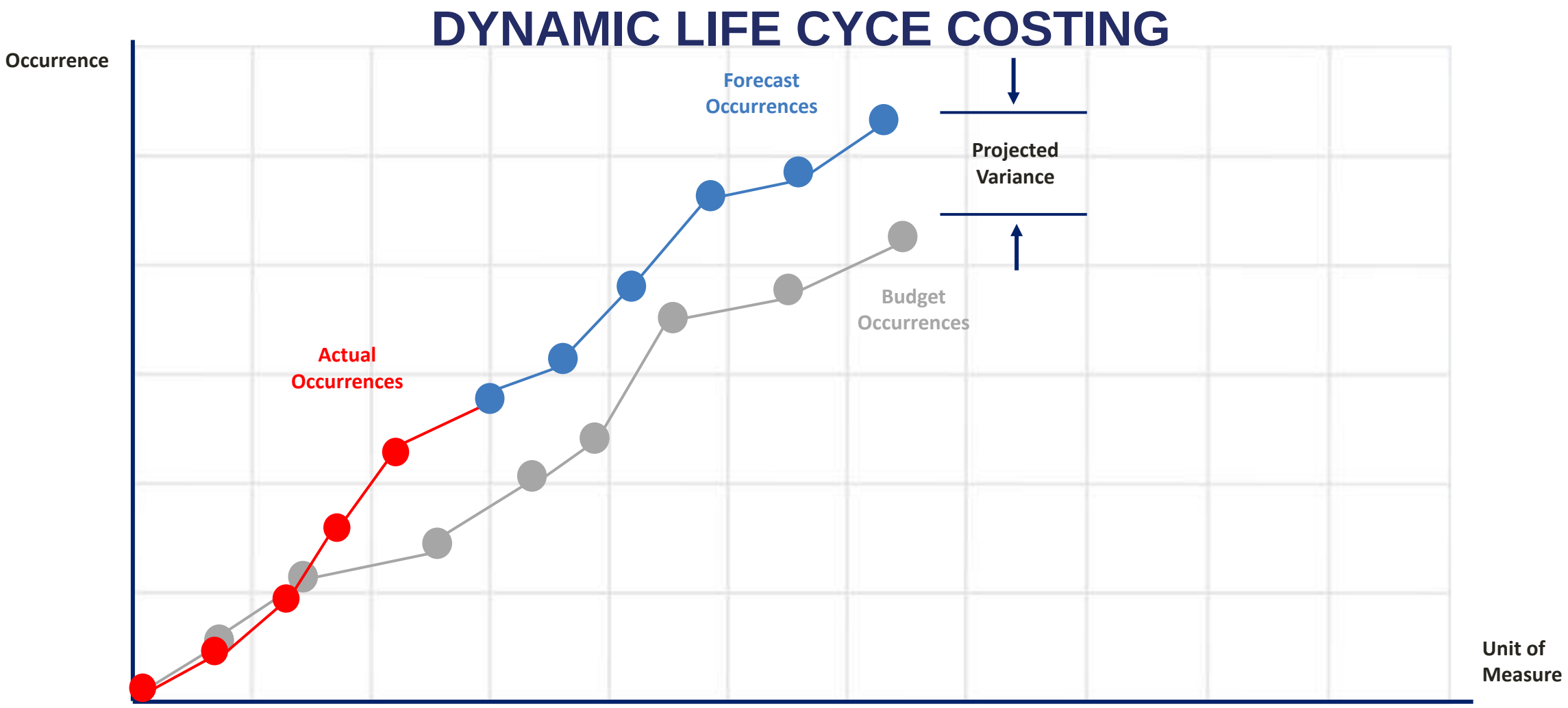
1 ENTERPRISE PLATFORM

INTELLIGENT MINING PLATFORM

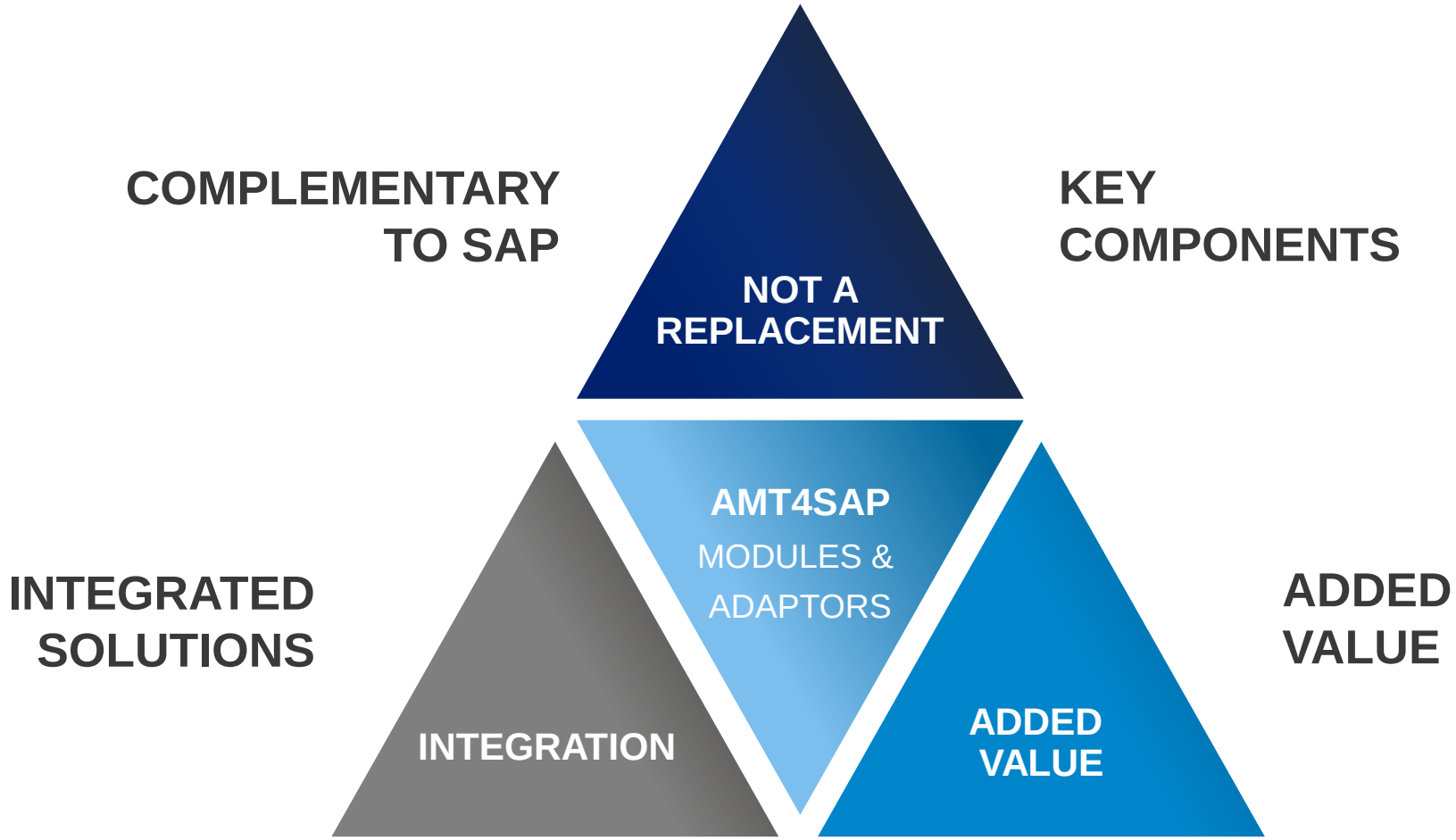


AMT4SAP

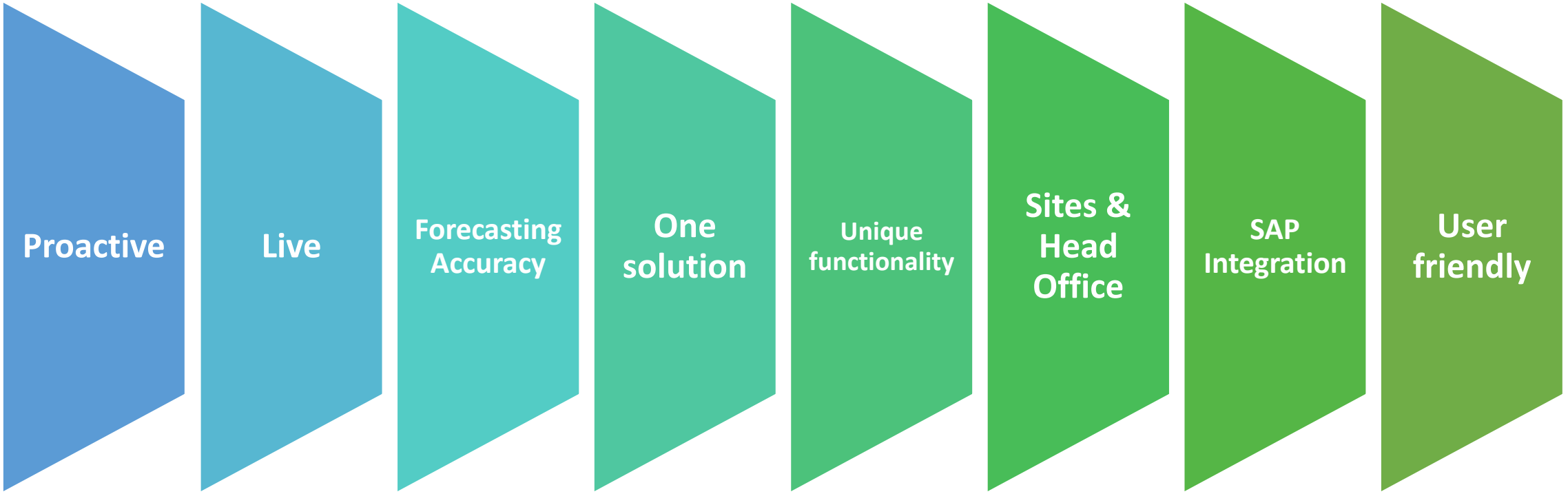
DLCC – THE HEART OF AMT



SAP, A STRATEGIC PARTNER OF RPMGLOBAL



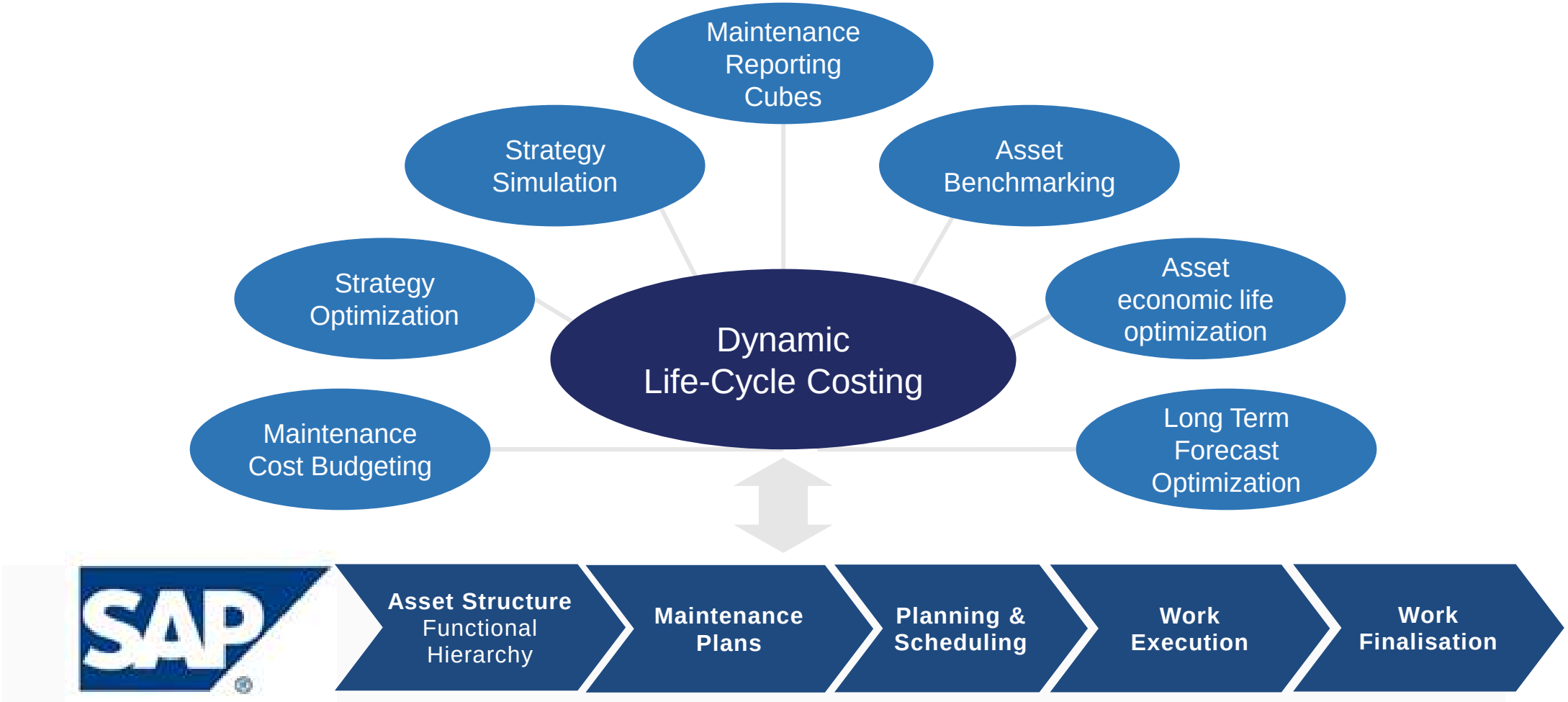
WHY AMT4SAP


Proactive
Live
Forecasting Accuracy
One solution
Unique functionality
Sites & Head Office
SAP Integration
User friendly

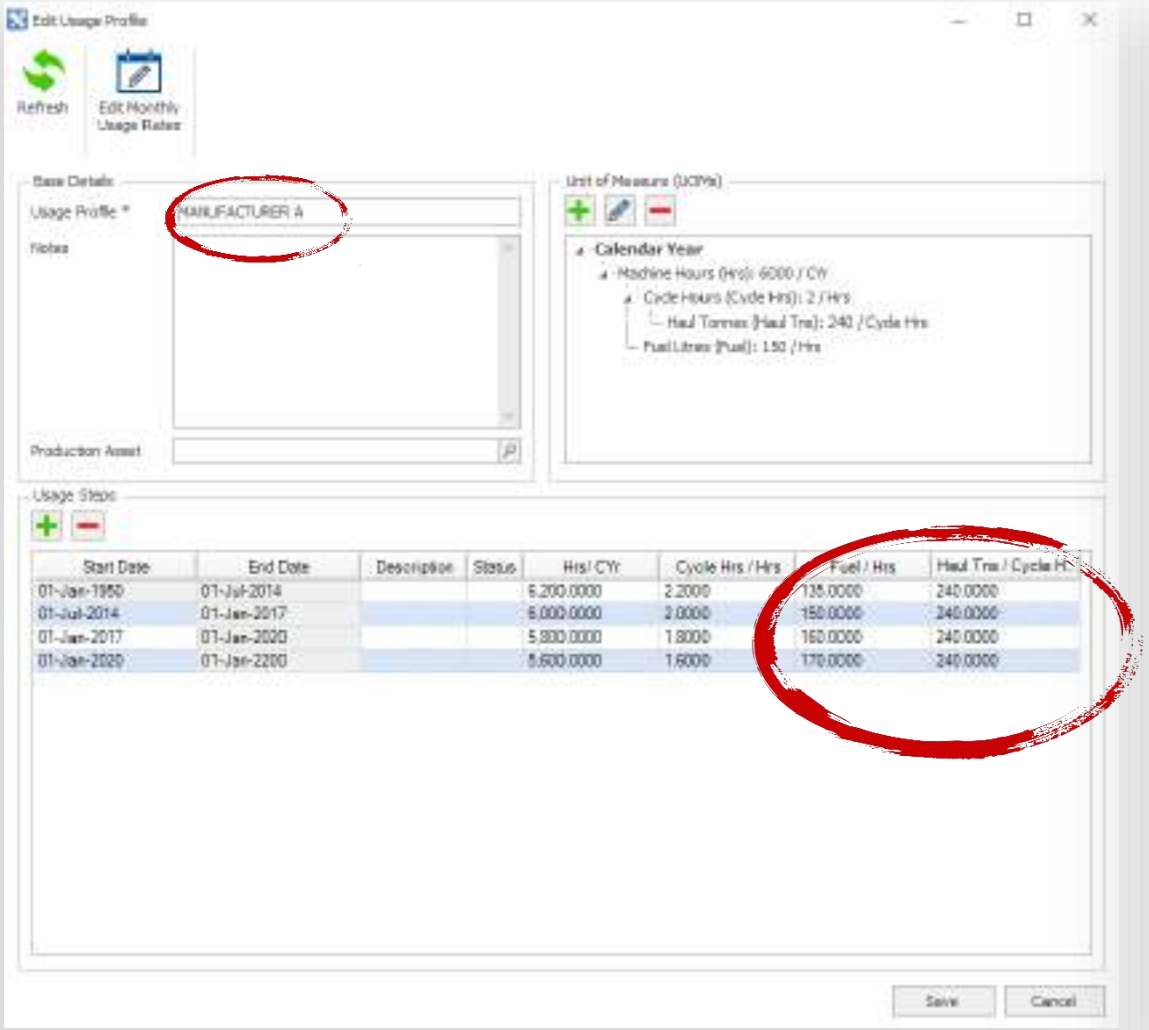
AMT4SAP – THE PERFECT VALUE ADD FOR SAP

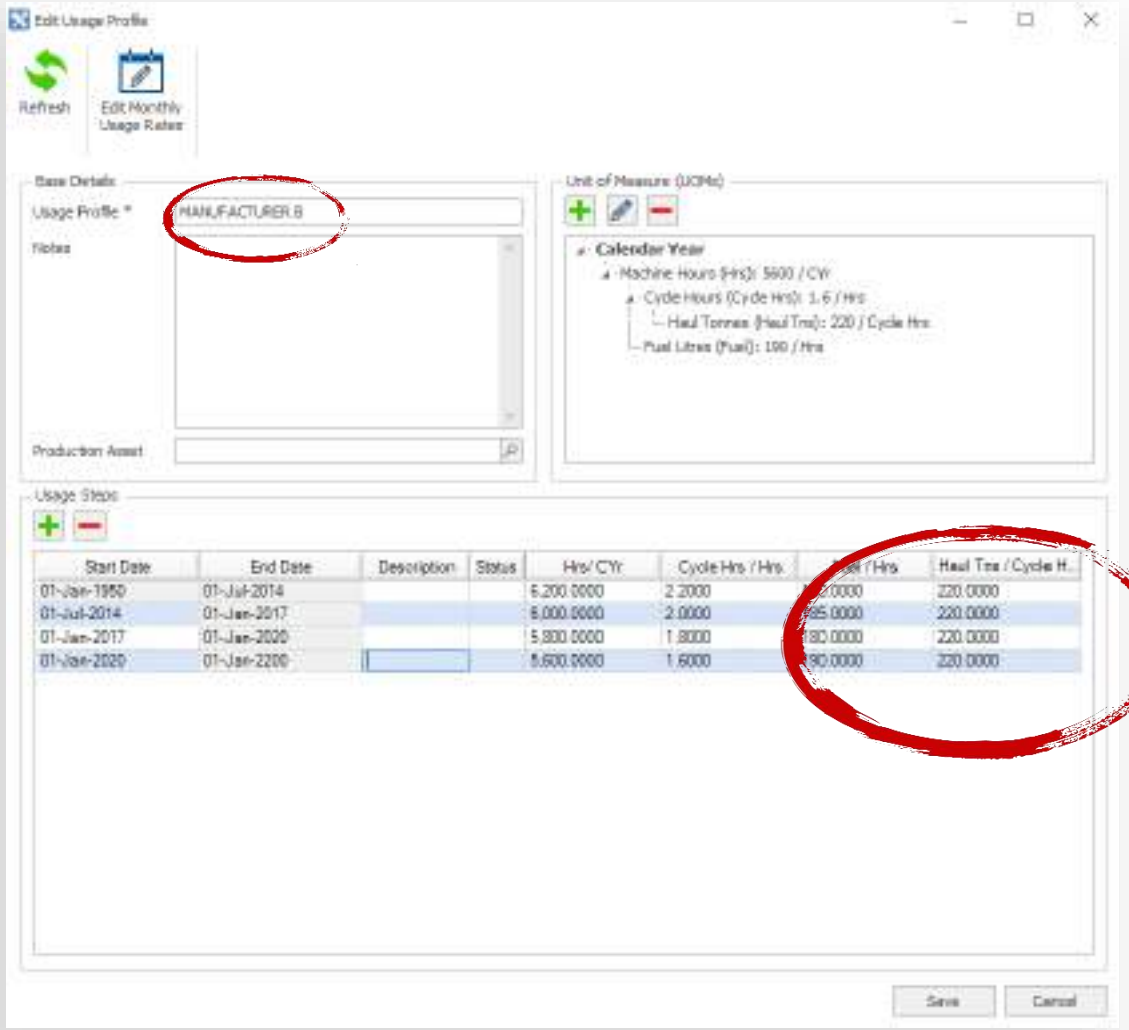
- Dynamic Life Cycle Costing
- Maintenance Cost Budget
- Strategy Optimization
- Strategy Simulation
- Maintenance Reporting Cubes/Views for SAC
- Asset benchmarking
- Asset economic life optimisation
- Long-term forecast optimisation (i.e. long-term planning)
- Modelling new asset/fleet, prepare feasibility budgets
- SAP Integration Adaptors
- SAP Data Integration Realtime Monitoring and Toolkit

AMT4SAP – THE PERFECT VALUE ADD FOR SAP



AMT4SAP ADDING VALUE - MODELLING





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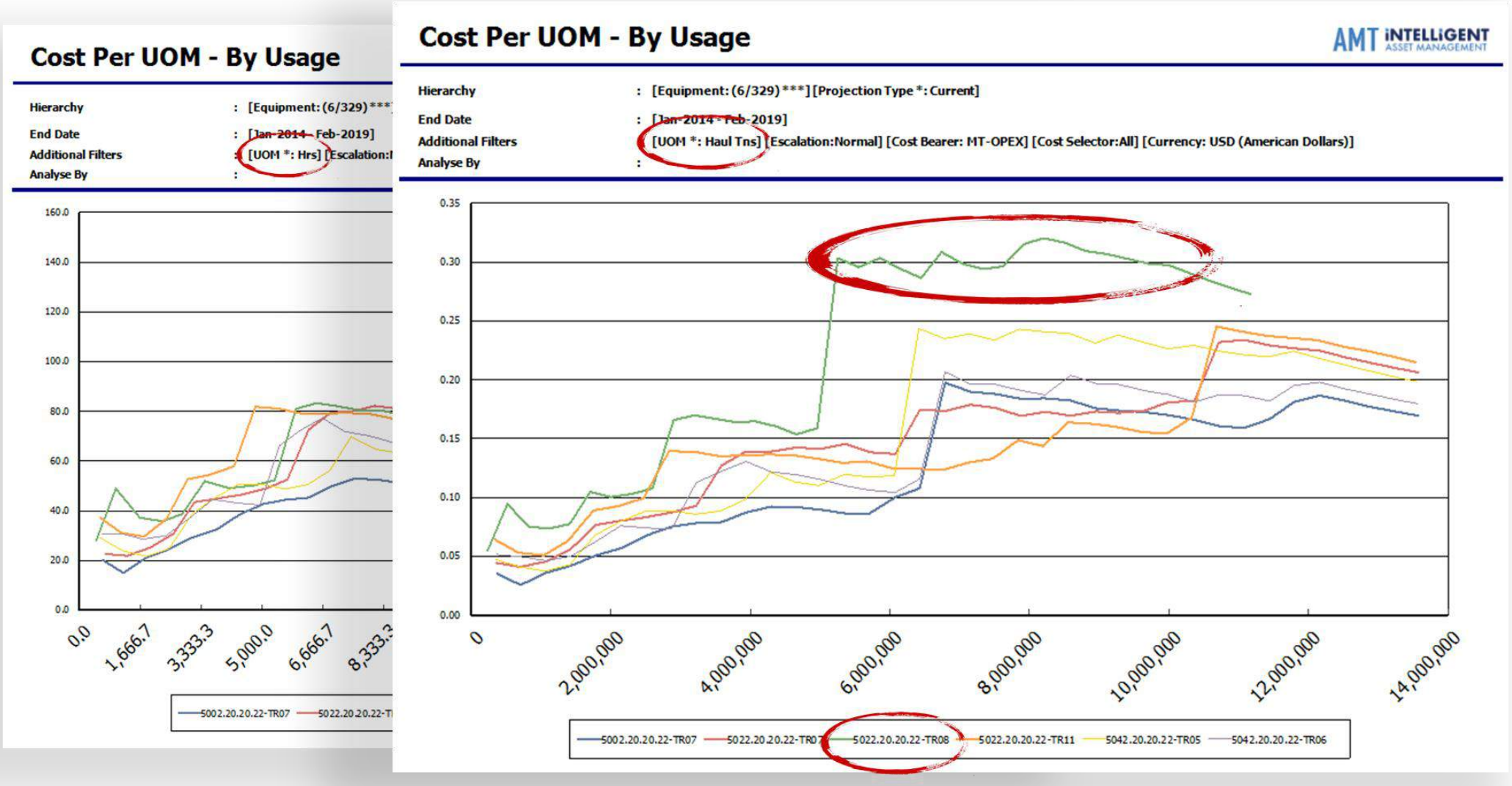


AMT4SAP ADDING VALUE - MODELLING

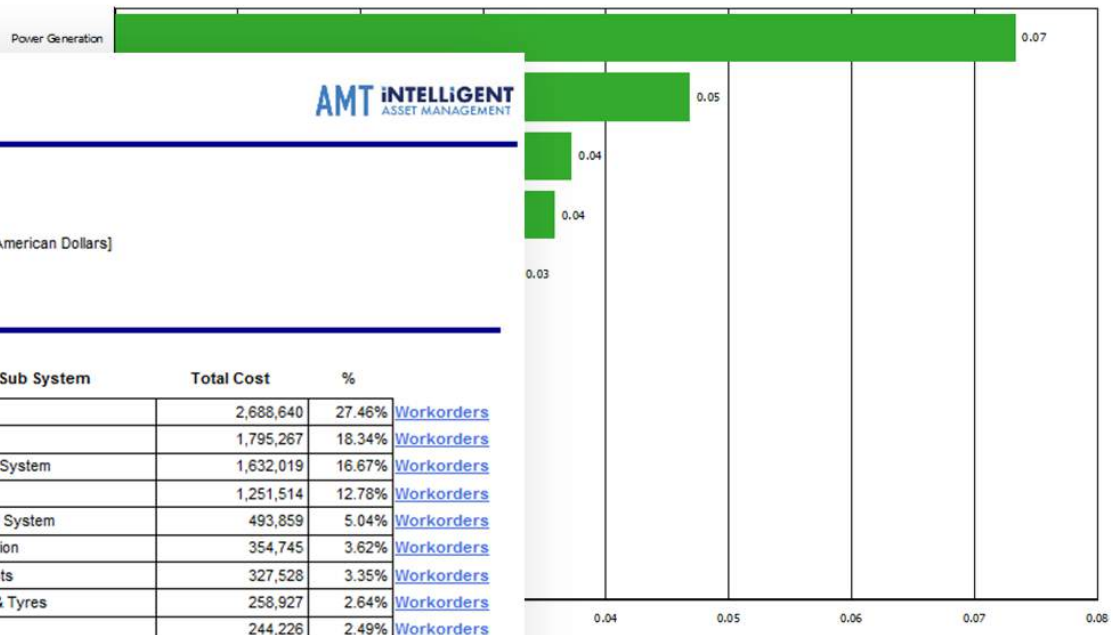
Forecast Worksheet

Hierarchy : [Equipment: (1/329) 5022.20.20.22-TR08] [Projecti
Date Range : [Mar-2014 - Mar-2019]

Cost Per UOM - Comparison

AMT INTELLIGENT ASSET MANAGEMENT

Hierarchy : [Equipment: (1/282) 5022.20.20.22-TR08] [Projection Type *: Current]
Date Range : [Mar-2014 - Mar-2019]
Additional Filters : [UOM *: Haul Tns] [Escalation:Normal] [Cost Bearer: MT-OPEX] [Cost Selector:All] [Currency: USD (American Dollars)]
Analyse by : System



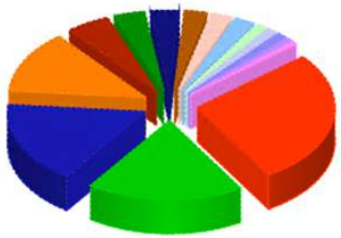
364,508 697,937 47,732 2,469,053

Cost Analysis - Life Cycle

AMT INTELLIGENT ASSET MANAGEMENT

Hierarchy [Equipment: (1/329) 5022.20.20.22-TR08] [Projection Type*: Current]
Date Range [Entire Plan Term]
Additional Filters [Cost Bearer: MT-OPEX] [Costs:To Date,Future] [Parts/Labour/Misc:Parts,Labour,Misc] [Currency *: USD American Dollars]
Analyse By Sub System

Sell



Sub System	Total Cost	%	
Other	2,688,640	27.46%	Workorders
Engine	1,795,267	18.34%	Workorders
Steering System	1,632,019	16.67%	Workorders
PM	1,251,514	12.78%	Workorders
Electrical System	493,859	5.04%	Workorders
Suspension	354,745	3.62%	Workorders
Implements	327,528	3.35%	Workorders
Wheels & Tyres	258,927	2.64%	Workorders
Machine	244,226	2.49%	Workorders
Hydraulic Cylinders	130,934	1.34%	Workorders
Brake System	121,888	1.24%	Workorders
Hydraulic Pumps and Motors	118,973	1.22%	Workorders
Hydraulic System	78,251	0.80%	Workorders
Electric	59,591	0.61%	Workorders
OTHERS	234,388	2.39%	
Total	9,790,750	100 %	

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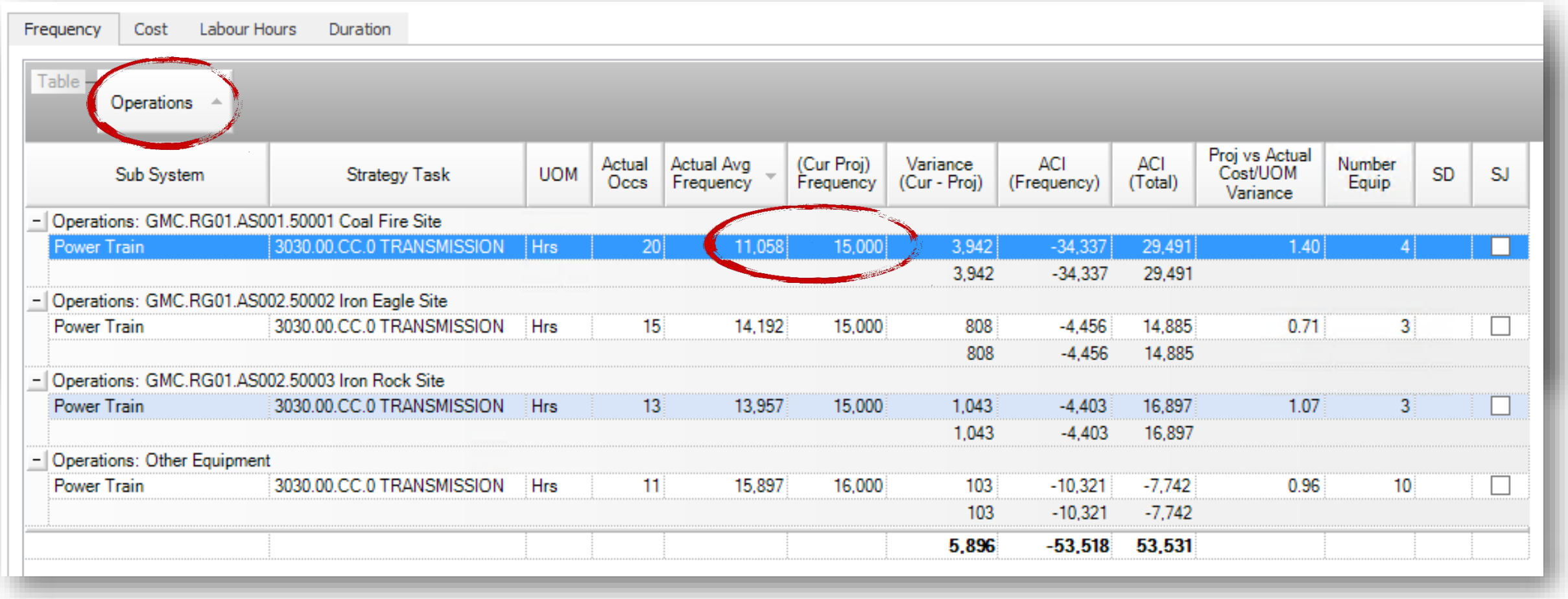
AMT4SAP ADDING VALUE – STRATEGY OPTIMISATION

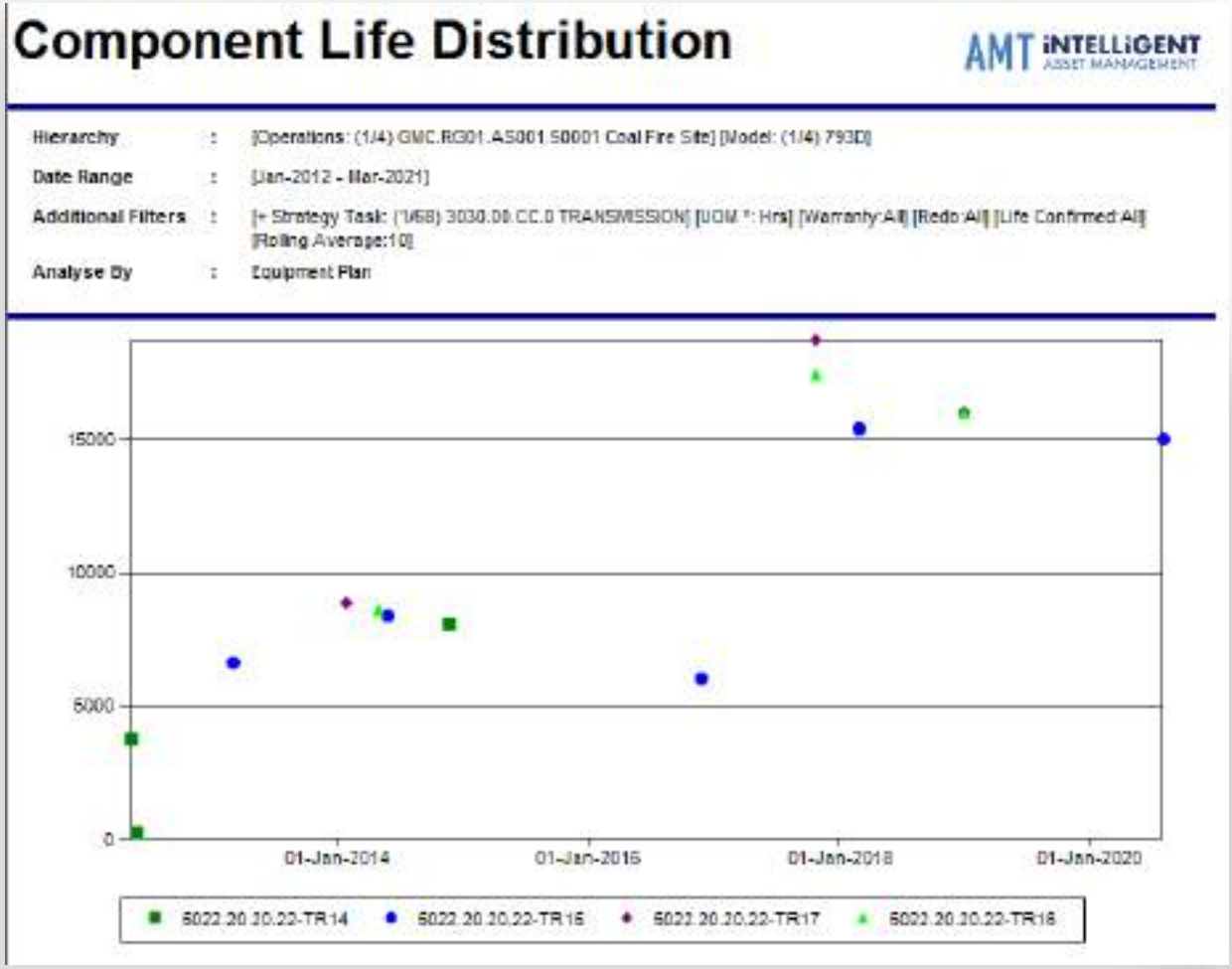


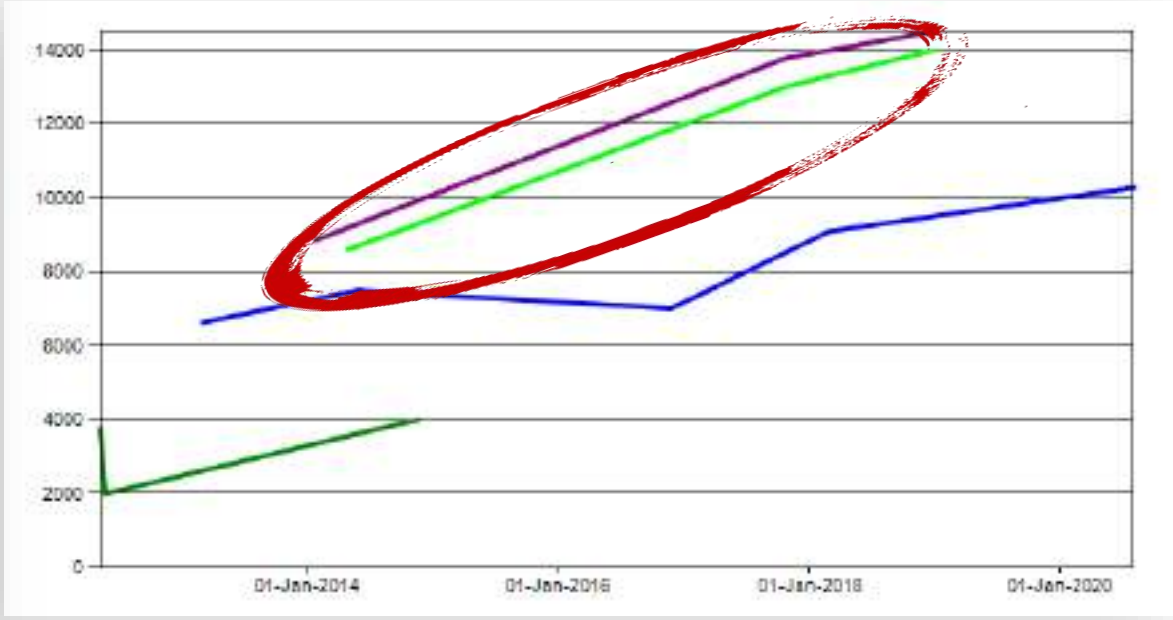
Frequency | Cost | Labour Hours | Duration

Table — Operations

Sub System	Strategy Task	UOM	Actual Occs	Actual Avg Frequency	(Cur Proj) Frequency	Variance (Cur - Proj)	ACI (Frequency)	ACI (Total)	Proj vs Actual Cost/UOM Variance	Number Equip	SD	SJ
Operations: GMC.RG01.AS001.50001 Coal Fire Site												
Power Train	3030.00.CC.0 TRANSMISSION	Hrs	20	11,058	15,000	3,942	-34,337	29,491	1.40	4		☐
						3,942	-34,337	29,491				
Operations: GMC.RG01.AS002.50002 Iron Eagle Site												
Power Train	3030.00.CC.0 TRANSMISSION	Hrs	15	14,192	15,000	808	-4,456	14,885	0.71	3		☐
						808	-4,456	14,885				
Operations: GMC.RG01.AS002.50003 Iron Rock Site												
Power Train	3030.00.CC.0 TRANSMISSION	Hrs	13	13,957	15,000	1,043	-4,403	16,897	1.07	3		☐
						1,043	-4,403	16,897				
Operations: Other Equipment												
Power Train	3030.00.CC.0 TRANSMISSION	Hrs	11	15,897	16,000	103	-10,321	-7,742	0.96	10		☐
						103	-10,321	-7,742				
						5,896	**-53,518**	**53,531**				

AMT4SAP ADDING VALUE – STRATEGY OPTIMISATION

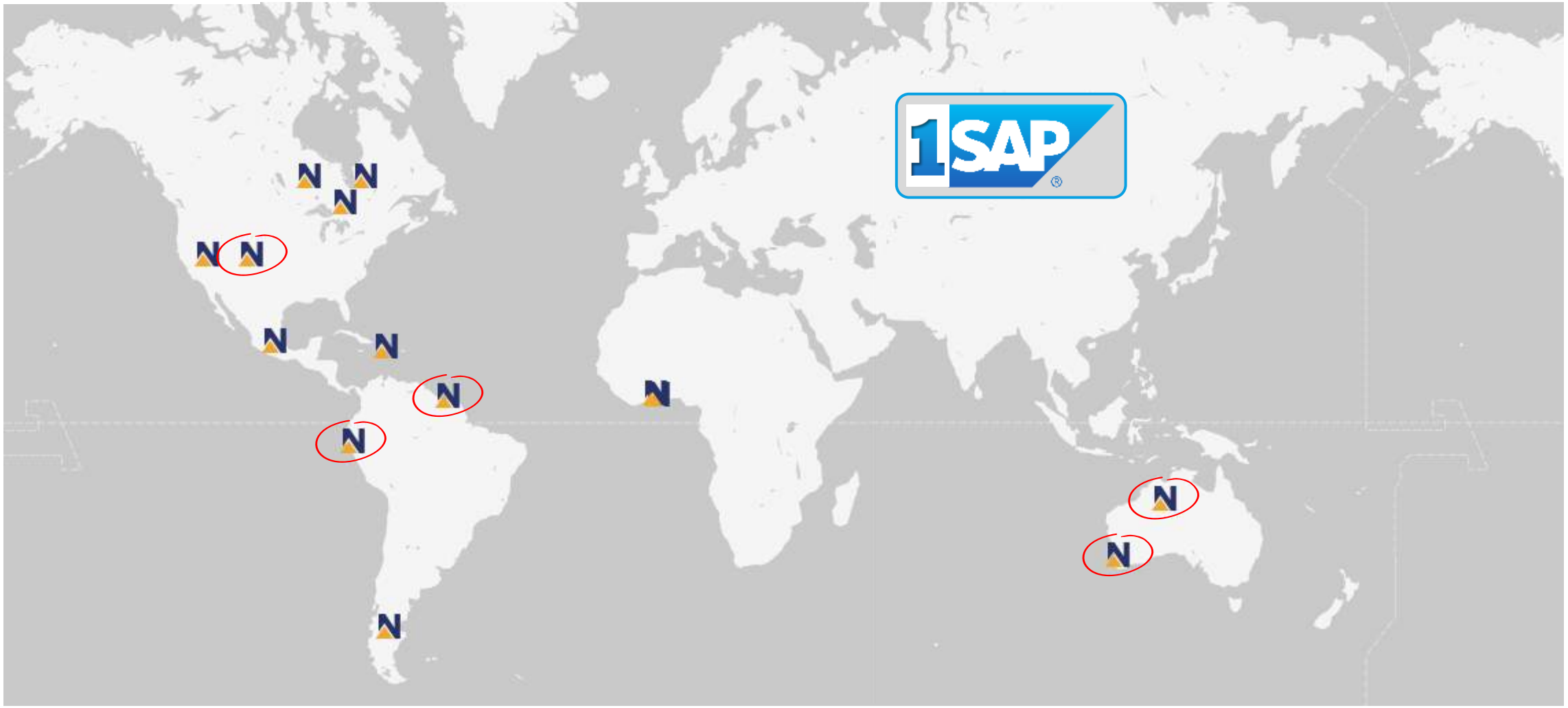





Newmont™

NEWMONT SITES

Legacy SAP-AMT Zero Based Budget Sites



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NEWMONT'S VISION OF STANDARDISATION

Leveraging regional centers of excellence to drive value

Partnering to deliver a single integrated platform across the business to enable zero-based maintenance cost budgeting across the globe.

"…a mining engineer or mine planner can work remotely effectively and so may be able to support two mine sites. …We have established technical support hubs with mining engineers, asset management professionals and metallurgists looking at data from every one of our operations and working with sites about where [we] can extend component life or where [we] might have too many trucks in a haul route. We are already doing that work."

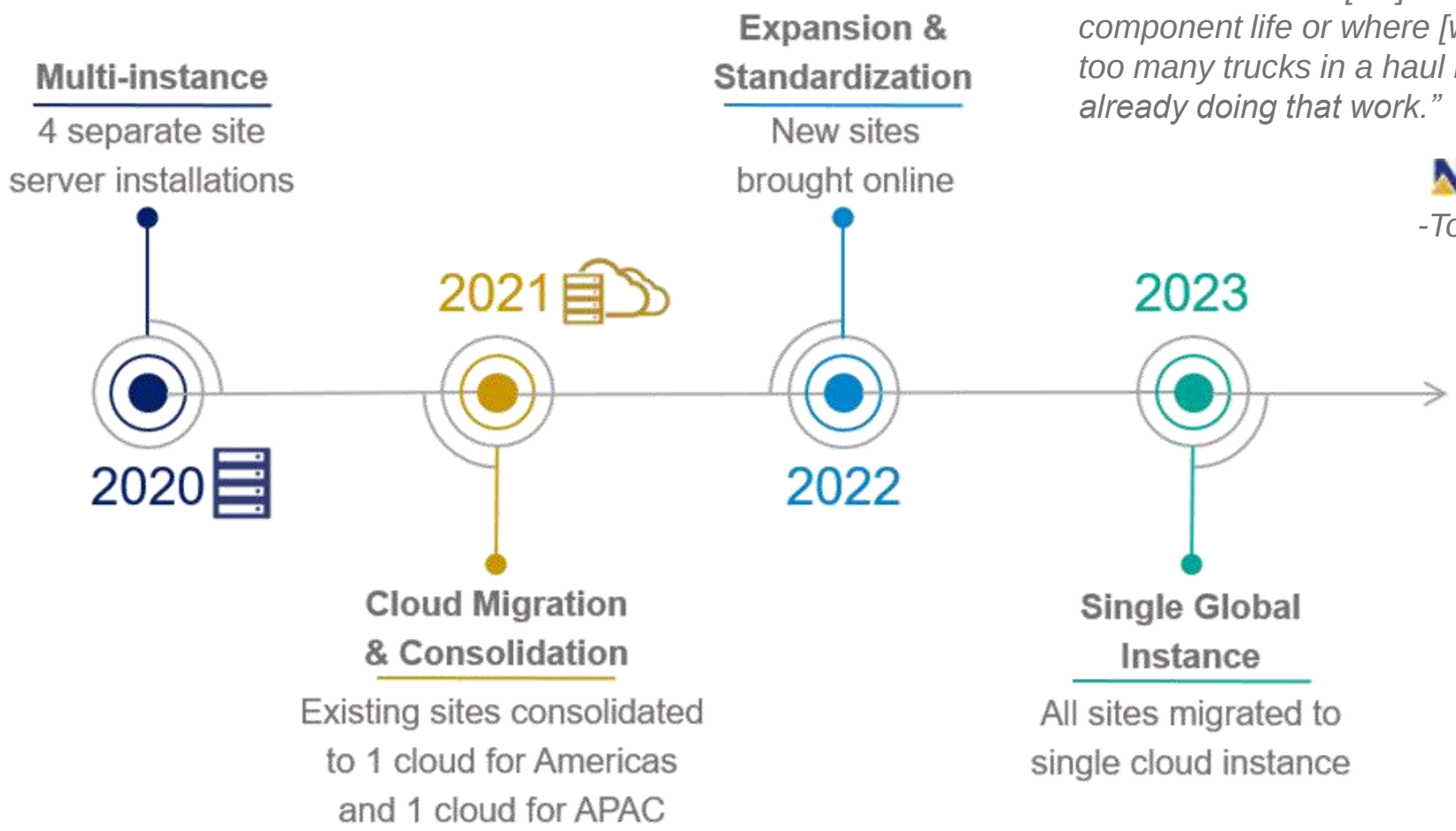
Newmont.

-Tom Palmer, CEO

Mining Journal
Sep2020

AMT
ASSET MANAGEMENT

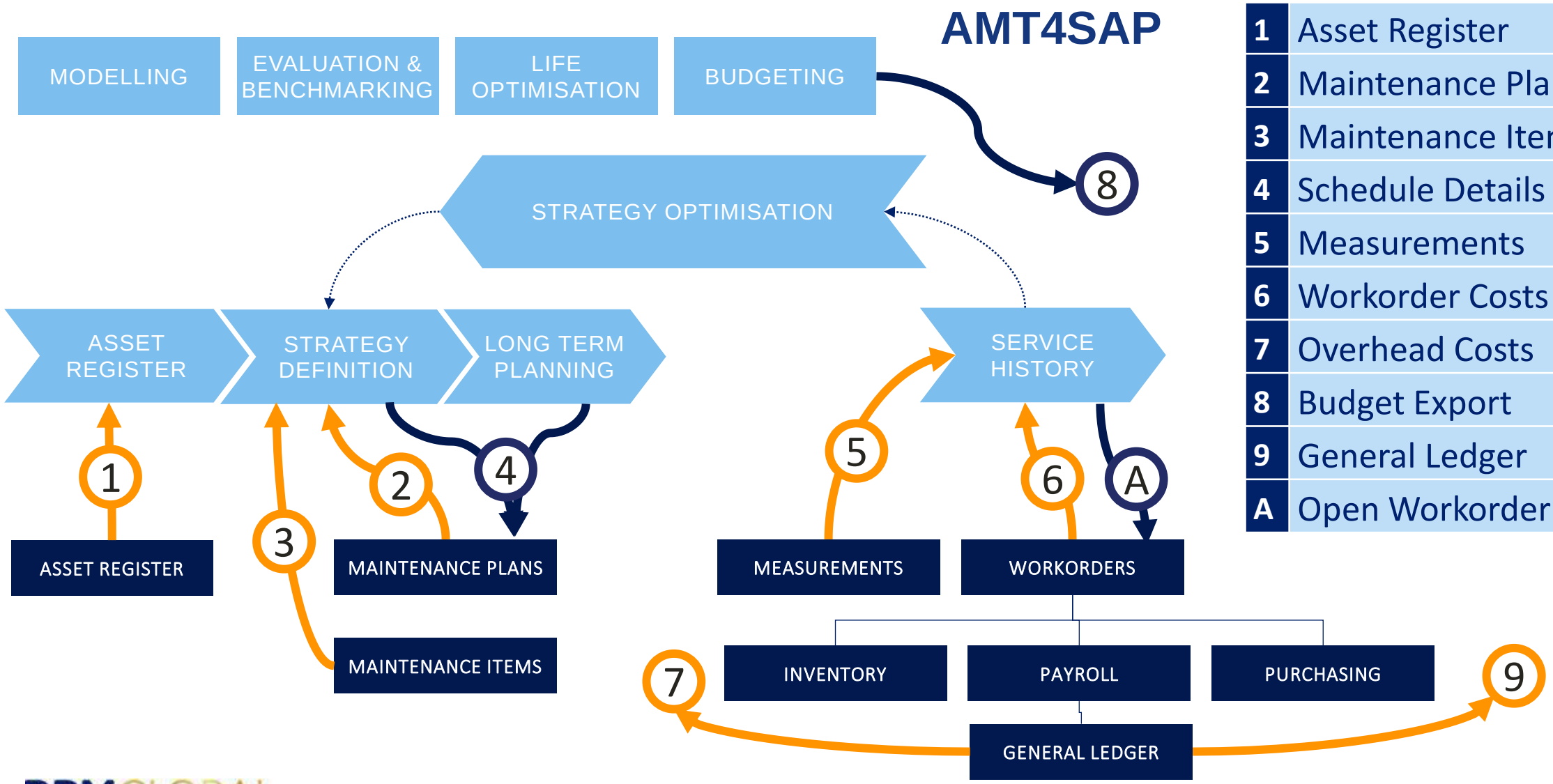
The only maintenance solution that produces a zero-based budgets while dynamically linking lifecycle costing and strategy to provide an accurate lifecycle position and optimal maintenance strategies using Dynamic Life Cycle Costing (DLCC).



BENEFITS TO NEWMONT

Module	Feature	Value Proposition
Dynamic Life-Cycle Costing (DLCC)	Strategy Optimization	• Optimal strategy to deliver the lowest life-cycle cost • Maintenance Plans that deliver efficiencies and quality work
	Asset Benchmarking	• Identify improvement opportunities
	Long Term Planning	• Reduced asset downtime • Lower 'life-cycle' component costs
	Zero-Based Maintenance Cost Budgeting	• Resource planning • Identify improvement opportunities • Increased trust and accuracy • Reduced time to produce (allowing more time to optimize)
	Product Problem Management	• Lower costs and downtime through efficient resolution of product issues
Modelling	Asset Selection & Life Optimization	• Lower 'total cost of ownership'
Shiftlog	Maintenance Workflow Efficiencies	• Lower planning and administration costs
	KPI Reporting and Reliability Analyses	• Improved reliability through identification of improvement opportunities

NEWMONT'S CLASSIC AMT TO SAP



	Interface
1	Asset Register
2	Maintenance Plans
3	Maintenance Items
4	Schedule Details
5	Measurements
6	Workorder Costs
7	Overhead Costs
8	Budget Export
9	General Ledger
A	Open Workorder

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SOFTWARE | CONSULTING & ADVISORY | TRAINING

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