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From Chaos to Control: Maintenance Planning and Scheduling in Microsoft Asset Management

Agenda

- Welcome and Introduction
- The fundamentals of maintenance planning and scheduling
- The difference between long-term planning and short-term scheduling
- Demo and Q&A

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The time to repair the roof is when the sun is shining.

John F. Kennedy

The fundamentals

The fundamentals

ACQUIRE	MANAGE	MAINTAIN		RETIRE
Acquire Fixed assets	Functional locations	Breakdown maintenance	Budget & cost control	Dispose off fixed assets
Capitalize Fixed Assets	Multi-Level Asset structure	Preventive maintenance	Planning and Scheduling	Electronic reporting
Transfer, revalue, split Fixed assets	Asset register	Analytics & KPI's	Mobile execution	
Depreciate Fixed assets	Spare parts control	Maintenance checklists	Asset history	
Derived Books	Maintenance schedules	Fault management	Maintenance rounds	

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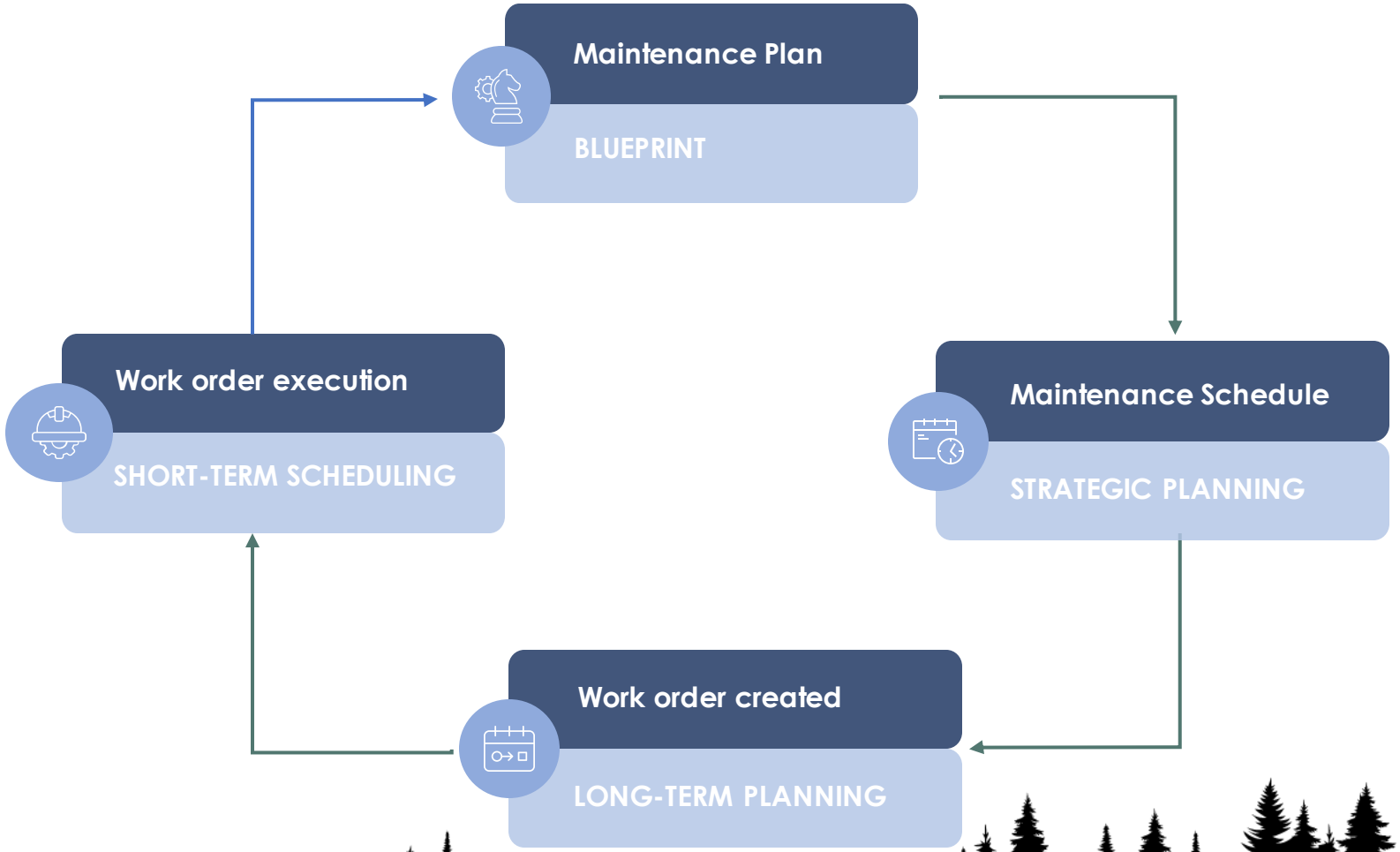
Maintenance preventive lifecycle



Preventive maintenance timeline

LONG-TERM PLANNING

1 year in advance

4-6 weeks in advance

1-2 weeks in advance

STRATEGIC PLANNING

SHORT-TERM SCHEDULING

WO IS RELEASED

WO is assigned to specific maintenance worker(s)

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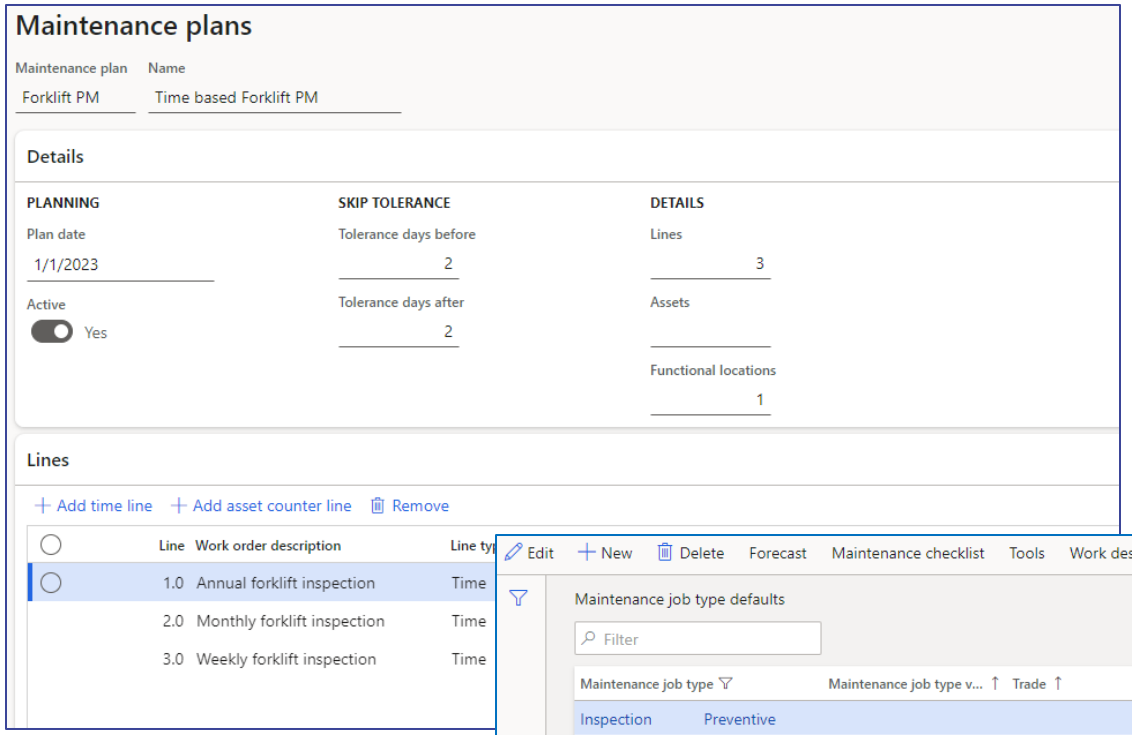
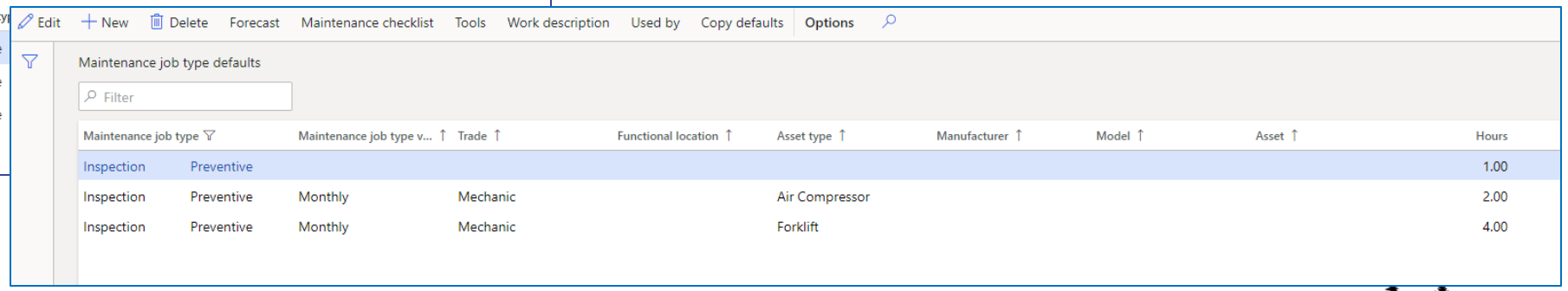
Strategic planning

Strategic planning





- Simulate work orders
  - Schedule maintenance plans
  - Maintenance schedule
  - Job type defaults
  - Capacity load

Long-term planning

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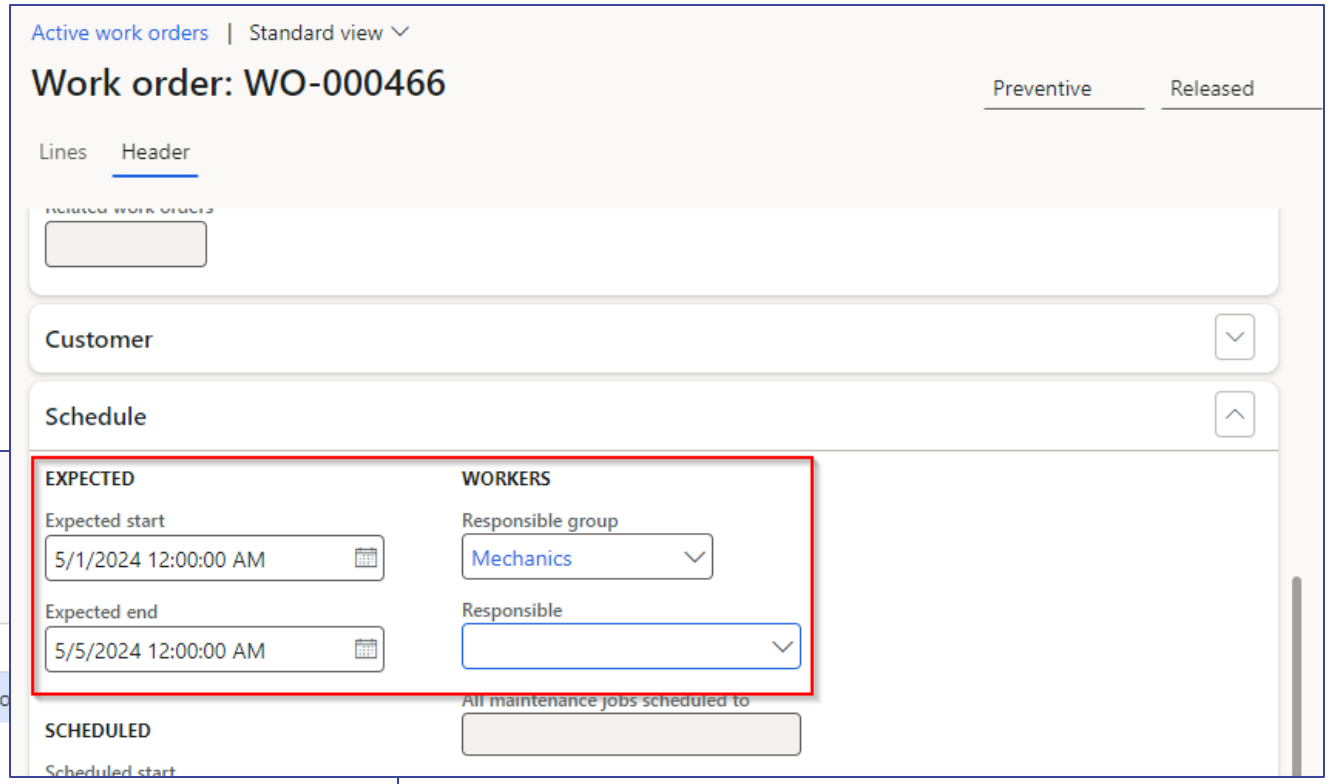
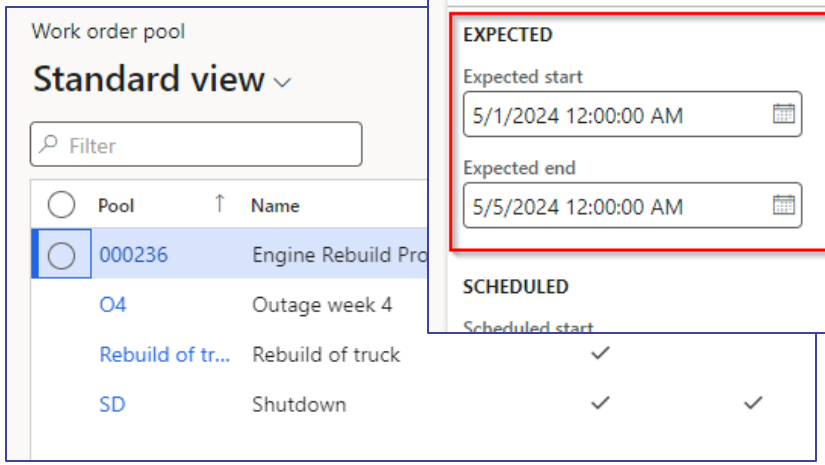
Long-term planning

- Assign work orders
  - Responsible group or person
  - Work order expected start and expected end
  - Work order pool
  - Capacity load





Short-term scheduling

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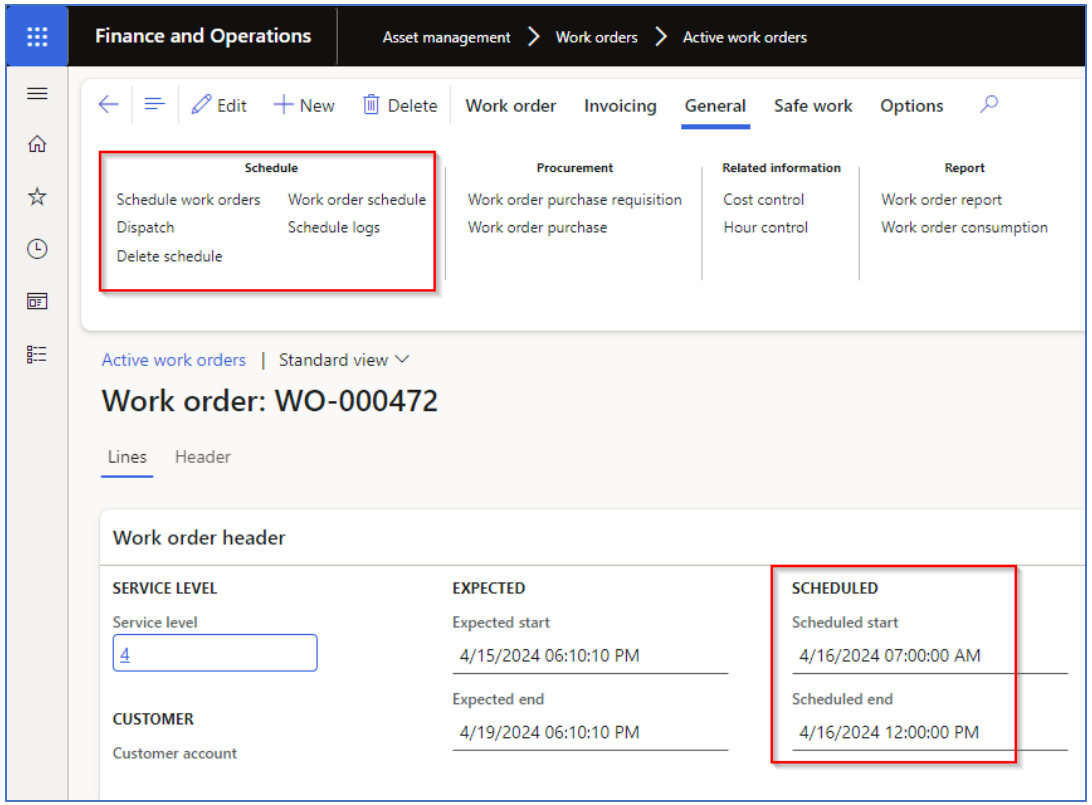
Short-term scheduling



- Schedule work orders
  - Dispatch or Automatic schedule
  - Work order schedule lines
  - Work order schedule start and end
  - Scheduled capacity load

Demo

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Q&A