

Triopsis scheduling

Product Sheet



There is no such thing as generic scheduling, every work activity requires a specific scheduling solution. The triOpsis Scheduling is an Artificial Intelligence (“AI”) driven scheduling optimisation solution which can be tailored for every work activity in the utility sector. Specialist companies need specialist solutions.

Triopsis has pre-built scheduling solutions for the following:

Connections, streetworks, traffic management, metering, revenue protection and utility debt.

SCHEDULING	No WFM required	Requires WFM	Optional
Full automated scheduling			
Real time fully automated AI driven scheduling	✓		
Machine Learning drives model updates based on real data	✓		
Input variables include locations, qualifications, SLAs, costs, business hours, drive time, routing and several more	✓		
Scheduler has the ability to over-ride schedule	✓		
Performance metrics automatically generated - see reporting	✓		
Full schedule optimisation			
Optimise the entire schedule at the click of a button	✓		
Control the optimisation horizon e.g. leave today’s schedule and optimise from tomorrow	✓		
Control fixed points on the schedule e.g. high priority committed work is not re-optimised	✓		
Job streaming - dynamic scheduling			
Stream jobs to users based on job outcomes	✓		
Users get the best job at that time	✓		
Recommendation assistant			
Job recommendations are provided to schedulers to select jobs	✓		
Schedulers see key metrics before making a decision	✓		
The scheduler is always fully in control	✓		
Manual scheduling			
Real time planning board with all resources	✓		
Drag and drop	✓		
Map based views of resources - people, plant, depots	✓		
Route planning and creation with distance travelled, home locations and waypoints	✓		

SCHEDULING ESSENTIALS	No WFM required	Requires WFM	Optional
Planning board			
Daily, weekly, monthly views	✓		
Colour coding of all work activities based on job status	✓		
Availability information	✓		
Calendar events	✓		
Resource grouping	✓		
Mapping			
Interactive map layers for jobs, job outcomes, field staff and vehicles	✓		
Job outcomes are colour coded and resources have different symbols	✓		
Additional map layers including weather, traffic, EV charge points or whatever data set you have available	✓		
Auto-geocoding of all activities	✓		
SCHEDULING REPORTING			
Utilisation			
Utilisation per engineer/field worker	✓		
Utilisation for each resource type	✓		
Utilisation by region and area	✓		
Utilisation by team	✓		
Productivity			
Number of jobs completed per day per engineer/field worker	✓		
Time on site per day per engineer/field worker	✓		
Number of jobs completed by region/area	✓		
Average job length per engineer by job type	✓		
Travel			
Total distance travelled - trends over time	✓		
Distance travelled per engineer - trends over time	✓		
Distance travelled per job completed - trends over time	✓		

SPECIALIST SCHEDULING SOLUTIONS

Electric vehicle transition management

	No WFM required	Requires WFM	Optional
Scheduling adjusted by EV range		✓	
Include EV charge points in schedules		✓	
Scheduler has the ability to over-ride schedule		✓	
Include EV charge times by vehicle charge point type		✓	

CO2 reporting

Integration with the DVLA		✓	
Distance driven based on job schedules		✓	
Total CO2		✓	
CO2 by vehicle by engineer/field user		✓	

Job length modelling

AI driven modelling of job length by type and engineer		✓	
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THIRD PARTY ACCESS

Customer portal - self service appointment booking

	No WFM required	Requires WFM	Optional
Customers can book appointments through a portal		✓	
Appointment slots offered to customers are optimised to your requirements		✓	
Configure to allow customers to select date/time ranges		✓	
Allow sub contractors to schedule with the scheduling engine		✓	

INTEGRATION

A range of APIs for integration

RESTFUL APIs		✓	
File transfers e.g. CSV		✓	

SECURITY

Security

ISO27001		✓	
GDPR compliant		✓	
UK based data centres		✓	

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