



Omda Readiness Predict



Future-proof your operation with the world's most advanced Fire & EMS simulation solution

Omda Readiness-Predict is industry-leading simulation software that enables emergency services to model operational decisions to optimise resource allocation, support data-driven decision-making and inform long-term strategic planning. Predict empowers decision-makers by providing data-driven insights into key performance determinants, from ambulance crew shift patterns to the distribution of emergency service bases.

Omda



Benefits

- 01 **Future-proof your operation**
Equip your Fire/Emergency Medical Service with the Predict simulation solution. Test ideas and upcoming changes through 'What If...?' modelling. Transform your organisation's ability to deliver faster and better care, make informed decisions, and confidently plan for the future.
- 02 **Improve patient outcomes**
Save crucial seconds and improve patient outcomes through faster dispatch and assigning the right crew to the right incident.
- 03 **Boost crew satisfaction**
Reduce staff churn and enhance crew satisfaction by optimising end-of-shift rules and meal break policies. Achieve an optimal balance between operational needs and crew well-being. Distribute workloads evenly across different regions, bases, and crew types.
- 04 **Increase effectiveness & efficiency**
Achieve optimal coverage and response times in any scenario, from routine shifts and base planning to unexpected road blockages and mass casualty events.
- 05 **Reduce costs**
Avoid costly mistakes by comparing scenario impacts before implementation. Safely reduce vehicle mileage, unit, and estate costs for a more cost-efficient operation.
- 06 **Secure funding & transparency**
Meet government and commissioner expectations with a robust evidence base. Predict provides accurate, transparent, and repeatable data-driven insights, strengthening your case for funding.
- 07 **Leverage global expertise**
With over 25 years of experience working with emergency organisations worldwide, the Omda team provides unparalleled expertise, helping you make the best decisions backed by a team of experts.



Features

Unrivalled simulations	Tailored to your operations	Interactive map-based interface
Leverage the world's most advanced Fire & EMS simulation solution. Engage in 'What If...?' modelling to safely test ideas and upcoming changes, refining strategies before implementation.	Onda's simulation models are customised to mirror your unique dispatch rules, vehicle travel speeds, human behaviours, and geographical nuances.	Explore and investigate any location within the simulation model. Zoom, pan, and customise the display settings, filters, and analysis bookmarks to fit your needs.
Scenario setup and comparison	Built-in editors & import tools	Precise forecasting
Set up and compare scenarios easily using the intuitive scenario tree. View the hierarchy, modifications, and results of each scenario in a clear and structured manner.	Adjust model inputs like bases, hospitals, vehicle shifts, and deployment plans quickly. Utilise the embedded Data Layers functionality to overlay external geospatial data. Import new incident and response data or vehicle shifts easily with user-friendly import tools.	Use the embedded Call Generator tool to adjust demand, scene durations, hospital durations, and patient flows with precision.

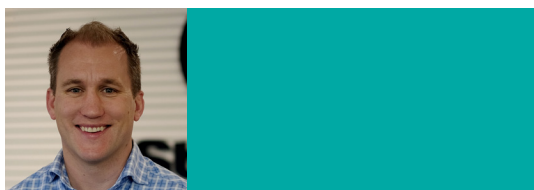
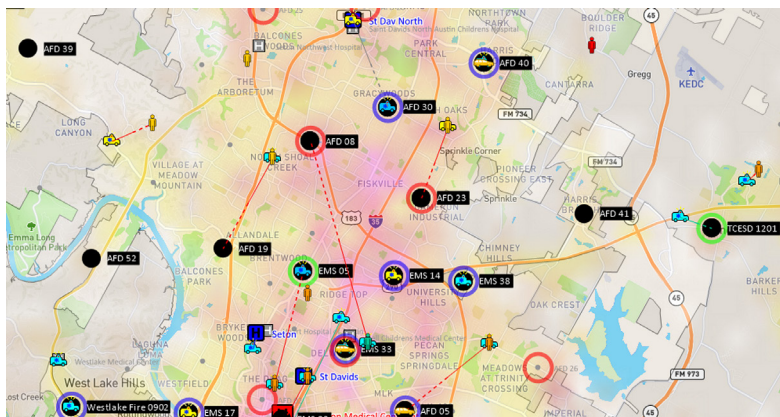


Features

Comprehensive analysis tools	Built-in optimization tools	Automated reporting & scripts
Utilise powerful geospatial and temporal analysis tools to analyse historical and simulated data by area and time. Display customisable travel time isochrones and depth of cover from stations, vehicles, or hospitals using the Coverage Analysis tool.	Identify the best locations, vehicle shifts, and deployment plans with operations research optimisation tools, to maximise efficiency and effectiveness.	Generate quick, standardised reports post-simulation for efficient comparisons and analysis. Use Python scripts and AI in the Predict solution for scenario creation and analysis.
Flexible setup options	Dedicated support	
Run simulations and analyses on your laptop, over a corporate network, or fully in the cloud.	Onda's Customer Success Manager and options for round-the-clock Customer Support ensure total benefit realisation and promote a long-term partnership.	



What our customers say about Omda Readiness



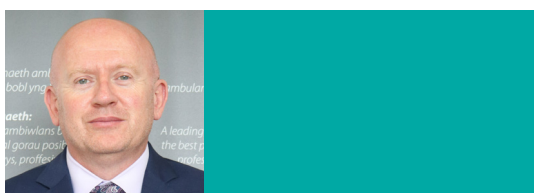
Dave Richards, formerly General Manager of Ambulance Operations, Hato Hone St John, New Zealand

"When we perform modelling, we use the platform to calculate expected utilisation. We do so because we want to ensure the welfare and safety of our staff and guarantee they receive adequate rest breaks. We have performed a lot of research that shows that, as utilisation increases, you get fewer rest breaks, more sick leave and more staff fatigue. Ultimately, if we look after our staff, they provide better care, and patient satisfaction improves. It is also easier to attract and retain employees."



Steve West, formerly Director of Planning and Performance, South Central Ambulance Service, United Kingdom

"There was a big push nationally to close ambulance stations and move into big super-centres in urban areas. Our Southampton and New Forest case is a good example. We did a lot of modelling in the software, and every model we ran showed that consolidating services in Southampton would decimate performance in the New Forest. It enabled us to push back and argue the move wasn't beneficial. At the same time, it allowed us to put a figure on the cost of maintaining performance if we moved those services."



Hugh Bennett, Assistant Director of Commissioning and Performance, Welsh Ambulance Services NHS Trust, United Kingdom

"When we're building business cases for consideration by our commissioners and other stakeholders, there is no doubt that the modelling we can demonstrate from Omda Readiness is a powerful tool in supporting our arguments and helping secure resources to deliver better performance and patient safety."

Get in touch

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Visit omda.com/solutions/emergency to explore Omda's complete suite of systems for managing every aspect of emergency response.

