



## Gooroo Planner – agile demand forecasting and capacity planning

Gooroo Planner is an advanced online tool for demand forecasting and capacity planning, designed to turn planning into an automated utility. From regular operational and annual planning to advanced whole-hospital and system-wide optimisations, Gooroo Planner makes light work of the most difficult planning tasks.

With rapid setup and easy automation, its compelling visual analyses bring capacity and waiting times to life, giving you planning that is responsive to recent events, up to date, and always ‘on tap’ for every clinical service. It is an agile tool that supports operational planning and daily decisions.

## Gooroo Planner offers a better way

As an online software product that has been tried and tested in the NHS over many years, Gooroo Planner is designed for tactical and strategic planning from a few weeks ahead to a multi-year elective recovery. Planning can be done at every level that the source data can support, from sub-specialty, up to Trust and even regional and ICS level planning in one go. Gooroo Planner is also automated so that planning can become a regular part of tactical operational management.

## IMAS vs Gooroo Planner

The current mechanism for planning is typically a manual process using either an in-house model or the IST/IMAS model which is a spreadsheet planning model based on projection. All spreadsheet models suffer from common problems: they are out of date almost immediately, they are error-prone, manual, and therefore time-consuming and laborious to update. Plus, they struggle to work in more than two dimensions which limits their capability.

A manual approach means that planning in the NHS is typically done annually in support of budget planning rather than as an ongoing weekly process that supports operational planning and decisions.

## Limitations of spreadsheets and IMAS

The limitations of spreadsheets mean that if the model is relatively sophisticated then (like the IMAS model) it typically only handles one clinical service at a time. If it models many services, then (like a standard in-house model) it would typically be less sophisticated and lack features such as weekly planning and planning along elective pathways.

It is common for NHS-created models to contain serious methodology errors as well as accidental errors, place too much reliance on unreliable data, and use naïve approaches to complex issues.

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## Comparative features and benefits

	Gooroo Planner	IMAS model	Typical in-house model
Single clinical service	✓	✓	✓
Related services along an elective pathway	✓	Flow model only	
All services in a Trust	✓		✓
All services in an ICS / Region / country	✓		
Automated data feeds	✓		
Week by week planning	✓	✓	
Choice of activity scenarios	✓		
Projection modelling	✓	✓	✓
Advanced forecasting	✓		
Patient-level simulation	✓		
Separation of data and method	✓		
Reliable measures of elective demand	✓		
Waiting times supported by simulation modelling	✓		
Configurable elective pathways	✓		
Auto elective reprofiling option	✓		
Achieve waiting times continuously option	✓		
Trend growth in demand	✓		✓
Optimum capacity to reserve for clinical priorities	✓		
Analytics and visualisation	✓	✓	
Ready to integrate into business intelligence	✓		
Calculates bed and theatre capacity	✓		✓
Calculates outpatient capacity	✓	(over-estimates)	✓

## Gooroo Planner gives you control

Gooroo Planner is powerful enough to rip through your numbers and return clear pictures of where pressures and opportunities lie – and then put you in control of turning them to your advantage.

- It lets you model at any level – by specialty, sub-specialty, site, Trust and even a regional / system level
- You can add data, change assumptions, and automate the whole process
- Planner automatically fills in gaps and fixes errors, then builds your forecasts and plans
- All forecasts and plans can be shared simply with colleagues for a true collaborative approach, and shared into business intelligence to benefit the whole organisation



## About Insource

At Insource we bring the power of data to your organisation. Our leading data management platform seamlessly delivers validated, patient-level activity data from across the enterprise through our range of waiting list management, statutory reporting, capacity planning and other applications to help organisations manage their healthcare business more effectively.



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