DΛITUM

self-service decision analytics

Data is the new black and insights the new currency. But business value comes from action, not the insights themselves. Daitum turns your data into action.

Optimise decision making to improve your bottom line

Making good decisions is hard. Now there is a tool to automate the process and generate better outcomes: Daitum's SaaS decision analytics platform empowers enterprises to turn data into actionable decisions at the click of a button.

Using the latest technology in AI and powered by elastic cloud computing, Daitum's propriety decision analytics platform makes computational optimisation accessible to everyone. Without the need for any specialist mathematical knowledge, the Daitum platform provides universal access to a broad range of powerful optimisation algorithms to solve any decision-based problem.

Utilising adaptive intelligence that learns over time, millions of potential solutions are analysed systematically and efficiently to determine an optimised result. It's like having a team of optimisation scientists in the cloud.

BETTER
Lower costs and increase efficiency

FASTER
Faster planning and improve agility

STRONGER
Proactive and robust risk management

Use cases:

- White-collar automation
- High value decisions
- High volumes of decisions
- Complex problems
- Consistent decision making
- Dynamic environments

Example applications:

- Supply-chain planning
- Workforce management
- Production planning
- Inventory management
- Maintenance planning
- Distribution and logistics

Our specialities:

- Activity scheduling
- Resource scheduling
- Capacity planning
- Constraint optimisation
- Multi-objective optimisation
- Optimisation under variability

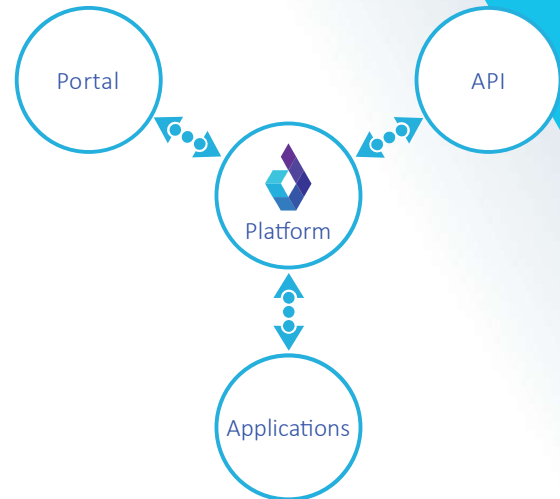Big decisions, not big data

DAITUM

self-service decision analytics

Access

Access our SaaS decision analytics platform via several mechanisms:

- **Portal:** An Excel-compatible spreadsheet environment where a user can define and solve complex problems themselves

- **API:** A REST-based Applications Programming Interface (API) that integrates with 3rd party software

- **Applications:** Problem-specific solutions developed by Daitum

Portal

API

Platform

Applications

The Daitum advantage

- **Accessible:** No specialist skills needed, works out-of-the-box

- **Universal:** Applicable to any problem, in any domain

- **Optimal:** A library of self-configuring algorithms that learn from experience

- **Familiar:** Simple, intuitive spreadsheet interface via the Portal

- **Scalable:** On demand, elastic computing

- **Cost-effective:** ROI in weeks, not years

Case studies

The following real-world examples illustrate the scale of benefits delivered by Daitum through the intelligent application of decision analytics to everyday problems:

Workforce management

↓30% overtime

↓17% casual staff

↑60% time-window compliance

Scaled without adding resources

Production scheduling

↑58% plan compliance

10x variables considered

12x planning efficiency

Increased consistency across staff

Inventory management

↓60% inventory holdings

24x data considered

60x planning efficiency

Reduced risk from variability

Logistics scheduling

↑35% schedule quality

↓20% fleet size

8x planning efficiency

Improved change agility

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