

CASE STUDY

MANHATTAN

World Leading Software

ATRIUM

Network Rail

Operational Property Asset System (OPAS)

The Atrium Enterprise Asset Management (EAM) software has helped ensure ORR licence compliance, and enabled Network Rail to **“evolve from a ‘who shouts loudest’ approach to fully informed asset management decisions”**¹



The clock at St Pancras station, one of the half million assets managed by OPAS

Network Rail uses the Atrium Enterprise Asset Management (EAM) solution as their Operational Property Asset System (OPAS)

Facts & Figures

Project title: Network Rail (OPAS)

Location: UK nationwide

Start / end date: 2002 / on-going

Software: Atrium EAM suite

Services: System hosting (through ATOS), project management, data migration, business consultancy, training and support & maintenance

Key achievements:

- Assured ORR asset management compliance
- Online access for over 1,000 users across 15,000 sites
- Accurate asset register
- Advanced reporting and quality MI improve decision making
- Increased reliability combined with significant cost savings

Network Rail has one of the largest and most complex estates in the UK. Understanding how many sites the organisation has, let alone putting together an asset strategy, presented a real challenge.

Historically, property information was held in localised spreadsheets across disparate departments with little data integration, limited reporting capability and inefficient processes.

An audit by the Office of Rail Regulation (ORR) was critical of Railtrack (later acquired by Network Rail) for having a fundamental lack of understanding about assets and their true condition. As a result, the ORR imposed licence conditions which require the licence holder to **“maintain appropriate, accurate and readily accessible information about the relevant assets, including their condition, capability and capacity.”**²

In order to meet these conditions, Network Rail embarked on an ambitious asset condition survey programme of their entire operational estate, utilising Atrium’s EAM system.

Known within Network Rail as OPAS (Operational Property Asset System), this software solution offers a range of capabilities including:

- **Scalable** – records details of around 2,500 stations, 11,000 signal boxes, line-side buildings and depots, and over 500,000 assets
- **Web-based** – enables nationwide access for around 1,000 users, including operational staff, management and contractors
- **Integrated** – brings together disparate data and functions, improving data reliability, operational efficiency and management reporting
- **Mobile data capture** – uses advanced handheld condition survey software to carry out the on-going survey programme
- **KPIs** – provides real-time KPIs, eg Station and Light Maintenance Depot Stewardship Measures, as required by the ORR
- **Modular** – can be extended to include additional functionality (see Network Rail OPHD case study)



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Network Rail (OPAS)

For more information on this project and on the Atrium Enterprise Asset Management software suite, please contact:

OPAS has enabled Network Rail to make significant changes to the management of its estate, delivering improved efficiencies, increased reliability and significant cost savings, while helping meet licence conditions.

OPAS continues to support Network Rail's asset management assessment framework and this forms the basis for the ORR's on-going development and improvement reviews covering the following 6 areas:

- Strategy and planning
- Whole-life cost justification
- Lifecycle management and delivery
- Asset knowledge management
- Capability development
- Review and improvement

¹ Adam Checkley – Network Rail Route Asset Manager (Buildings), Wales Route

² ORR Network Rail Licence Condition I, Asset Management 1.20

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“The change of our system to Atrium is a step forward to delivering one company one way. Working closely with the Atrium team has allowed us to tailor the product to meet our needs, those of our customers and business partners, and give senior management quality MI.

“I believe our determination to do things better will make Network Rail’s vision of becoming world class a reality, and choosing Atrium is part of this journey.”

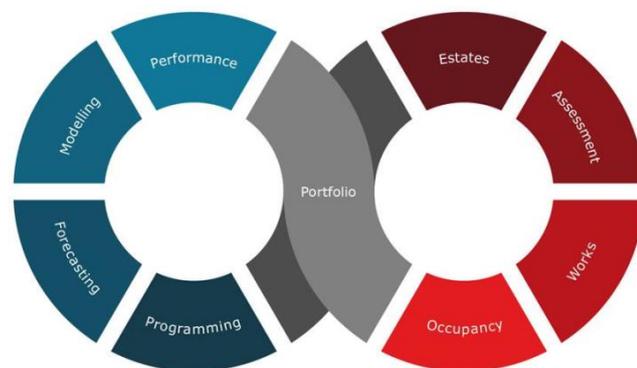
Marianne Watt – Network Rail National Performance and Support Manager

Manhattan Atrium is the UK's leading supplier of Enterprise Asset Management (EAM) software.

Our solutions enable your organisation to optimise its asset and property portfolio to enhance business performance, add value, manage risk and reduce costs.

Our web-based EAM software suite provides a fully integrated and structured approach that uniquely addresses both strategic and operational asset management.

Manhattan Atrium clients include Abellio, Capita, the Department of Education and Early Childhood Development (Victoria, Australia), Gloucestershire Care Services NHS Trust, the Environment Agency, the Ministry of Justice, Network Rail, and many local authorities and public sector consortia.



Strategic Asset Investment Planning

- Make evidence-based decisions on your long-term investment strategy
- Measure past, present and future property and asset performance
- Model 'what if' scenarios to prepare cost-effective programmes of work that meet your organisation's budgets and objectives

Operational Property Asset Management

- A joined-up approach to day-to-day property management, delivering immediate operational efficiencies
- Modules cover all aspects of asset and facilities management, eg estates terrier, condition surveys and other assessments, reactive maintenance and PPM, contractor management, helpdesk, KPI reporting and programme management



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