

 **HORIZONS**



A new generation of  
Asset Management software

**YOTTA**  
FROM DATA TO DECISIONS

# Overview

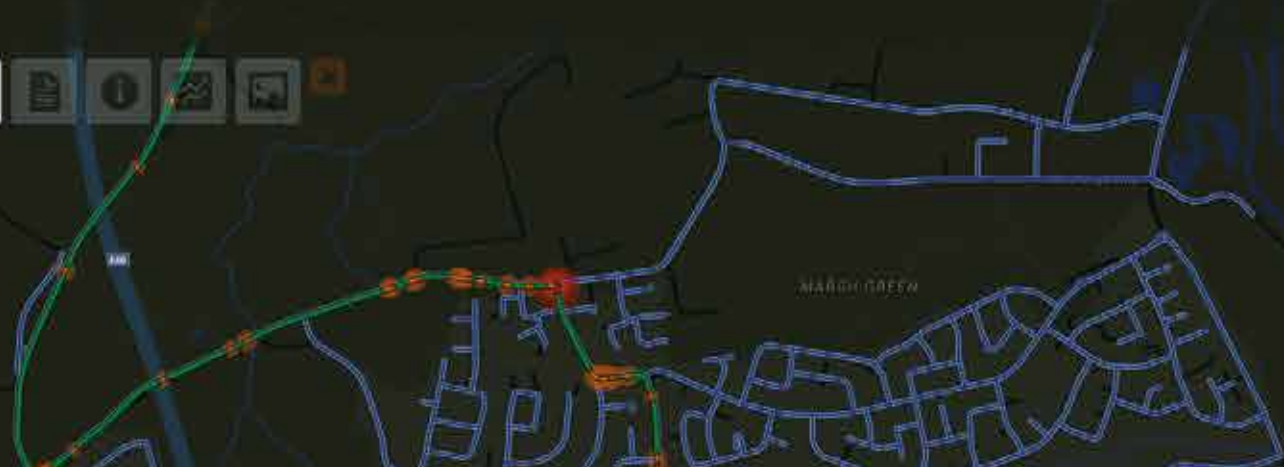
Horizons is a new generation of Asset Management software. Turn your data into smart, intelligent decisions. Consolidate your data and bring together departments, helping them to collaborate, share and drive operational efficiency. Plan ahead and test the options to ensure the right decisions are made to give the best investment and budget choices.

## Make the case

Run a wide range of investment scenarios with Horizons analysis. Help protect your budget against cuts Underpin the case for borrowing or help unlock incentive funding. Consider options for strategic investment in your infrastructure.

- **Budget protection**
- **Prudential borrowing**
- **Unlock incentive funding**
- **Strategic investment**





## Intelligent Decisions

Horizons helps pay for itself by providing a return on investment. In most cases Horizons has helped unlock efficiencies in the region of 10 - 20% of maintenance budgets. By using deterioration models, you can plan optimal life-cycle plans for your assets. Use local or political factors within your analysis to ensure best-fit for your situation and realise the returns by smarter planning.

- **ROI – save money**
- **Life cycle planning/deterioration modelling**
- **Multi criteria analysis**
- **Optimisation**
- **Local/political factors**

“ **HORIZONS**  
 helped secure  
**£40m**  
 prudential borrowing ”

**Jim Turton**  
 Warrington Borough Council  
 Engineering and Flood Risk Manager



## Engage

Improve engagement with your data in Horizons. Clear visualisations of data and reports help explain to a wider audience the state of your asset and the potential outcome of maintenance strategies. Clear and transparent analysis provides a backbone to explain and underpin your decisions, moving away from a “black-box” approach.

- **Visualisation**
- **Transparency of analysis**
- **Reporting**



## Efficiency

Increase your operational efficiency with the ease of sharing data. As a cloud delivered product, Horizons can help reduce time in decision making by making data easier to share. Break down the silos in your organisation by simply bringing all data together in a single location. Being in the cloud reduces the need for IT input with software upgrades.

- **Cloud architecture**
- **Reducing IT burden/cost**
- **Sharing data**
- **Removing silos**

# Horizons in Use

## Southwark Council

“Horizons provides information in a very easy to understand format, which was one of its key attractions to us, particularly in helping us with communicating with Council members and the public. Horizons also enables us - with assistance from Yotta’s Professional Services team - to sweat our assets, which means we can select the best treatments to maximise our resources. The system uses ‘whole-of-life-costings’ methodology enabling us to get best value from available funds.”

**Mick Lucas**

*Public Realm Asset Manager*

## Wigan Metropolitan Borough Council

“With the use of Horizons, we have witnessed an improvement in condition performance for the same spend and we are fine tuning deterioration models for our highway network that have produced a long term planned programmes of work. The deterioration modelling offered by Horizons really helped Wigan Council to submit a very comprehensive bid for the DfT’s Challenge Fund, of which Wigan Council was successful in winning two bids.”

**John Williams**

*Highway Asset Manager*

## Balfour Beatty Living Places

“Horizons is an important development in the management, planning and visualisation of highway infrastructure programmes. Already implemented on contracts in Southampton and Herefordshire, Horizons enables prediction of future asset condition, enhancing opportunities to optimise service delivery and maximise the benefit of limited budget spending.”

**Rowan Sheppard**

*Strategic Asset Manager*

# Benefits



## So, you're an Asset Manager...

Whole-life modelling will enable you to test a complete range of long term strategies from understanding future condition against a limited budget, to identifying the budget needed to deliver a particular service level. Report on all your assets and current condition as well as producing strategic reports of future works in a clear and transparent way.

## So, you're a Maintenance Engineer...

Become more efficient in understanding your network and planning potential schemes with Horizons. Use visualisations to better understand the data and view historic trends or overlay alongside other data types. Validate candidate scheme locations against pavement condition and undertake site visits from your desk by using your video imagery.

## So, you're a Director...

Engage at all levels, whether cabinet members, the public or departments across your Authority. Clearly show the different options for future maintenance with simple visualisations of data to help justify your business case. Bring together your whole department by integrating all datasets and showing their importance in facilitating smarter maintenance decisions.