Causeway

CausewayOne Asset Strategy Service Definition

G-Cloud 15 - Prepared for Crown Commercial Services

Contents

1. Overview 3

2. CausewayOne Asset Strategy 3

2.1. Benefits 4

2.2. Features 5

2.3. Services 9

3. Scope of Service 10

4. Information Assurance 10

5. Onboarding 10

5.1. Implementation Plan 10

5.2. Training 10

5.3. Pricing 11

5.4. Trial Service 11

5.5. Ordering and Invoicing 11

5.6. Buyer Responsibilities 11

6. User Community 12

7. Off-Boarding 12

Overview

Causeway is a leading provider of integrated software solutions for the built environment, connecting data, processes, and people across the entire asset lifecycle. Through our **CausewayOne** platform, we are driving digital transformation for over 3,000 customers, including nearly 200 UK Local Authorities, delivering sustainable, efficient, and collaborative solutions that make construction and maintenance flow.

Over the past four years, Causeway has pursued a major acquisition strategy, investing hundreds of millions of pounds to unite leading businesses and technologies serving the public sector. Key milestones include the acquisition of Yotta (2022), one.network (2023), and Buchanan Computing (2024). In 2025, significant development work has further advanced our platform, with major innovations soon to be unveiled to customers and the wider market. These will deliver transformative capabilities for local authorities and their supply chains, and are central to fulfilling the ambitions of **CausewayOne**.

Whatever your role in the built environment sector, we've got you covered - we're used by:

200+	200+	1,000+	3,000+
local authorities	engineering consultants	construction contractors	total customers

CausewayOne Asset Strategy

Our asset management software solutions give highways and infrastructure asset management professionals everything they need to optimise day-to-day operations and meet strategic goals.

CausewayOne Asset Strategy (formerly Horizons) delivers meaningful, data-driven strategies to enable you to transform how you strategically plan for the future of infrastructure asset management. Visualise data, save money, and justify your budgets, all in one cloud software solution.

CausewayOne Asset Strategy supports your strategic planning by:

- Keeping road users in mind and making it possible for asset managers to create better road networks for the travelling public.
- Engaging stakeholders and securing funding by analysing multiple investment scenarios.
- Connecting your data through enhanced modelling outcomes, gain insights, and informing your decisions by incorporating defect and work spend data from **CausewayOne Asset Management** (formerly Alloy).
- Enabling asset management to flow by integrating strategic insight with operational functionality to allow for efficient, day-to-day program management.

- Making the most of existing and new network survey condition data as part of your modelling and planning processes to target interventions for maximum impact.

Benefits

Bring your data to life

See your asset inventory and visualise survey and condition data, enabling you to enhance conversations with key stakeholders with visuals that simplify complex datasets.

Make more informed decisions

Uncover patterns that will inform your strategic decisions and use your data to predict future asset deterioration, ensuring you deliver the right maintenance at the right place and time.

Mobilise lifecycle plans

Protect against budget cuts, bolster your case for borrowing, unlock incentive funding, and encourage investment with lifecycle plans that reduce costs along the way.

Being a flexible and scalable web-based technology that delivers 'out of the box' best practice, **CausewayOne Asset Strategy** allows customers to meet the goals of the Local Digital Declaration, with the system serving as an enabler for significant improvements in the way you deliver asset management. **CausewayOne Asset Strategy** allows you to carry out strategic analysis of a wide range of asset survey, condition and performance data to allow you to understand backlogs, test a range of multi-year maintenance and investment scenarios, develop provisional multi-year works programmes, identify and prioritise wet-skid site investigation locations, and carryout drainage risk modelling.

The service contains a MARCHpms database, which is fully accredited to the current UKPMS standard under the latest Annual Health Check. As such, all UKPMS condition (e.g. SCANNER, SCRIM, CVI, DVI, FNS, Deflectograph etc.), inventory, and works record data can be imported into the system and visualised against the relevant section, feature, chainage and XSP of the UKPMS network.

Building on and extending beyond the constraints of UKPMS, and fully aligned with the transition to PAS 2161 compliant Road Condition Monitoring (RCM) technologies, **CausewayOne Asset Strategy** provides a flexible data architecture capable of ingesting, visualising, reporting on and modelling an expanding range of emerging condition survey technologies.

CausewayOne Asset Strategy is explicitly survey-agnostic: irrespective of the survey provider, sensing platform or data format, whether traditional SCANNER-derived measures, new PAS 2161-aligned RCM outputs, LiDAR-based measurements, high-resolution imagery, or machine-vision and AI derived defect metrics, the platform can consume and process the inputs. This ensures long-term interoperability and eliminates any dependency on a single supplier or survey methodology.

This architecture enables asset managers to iteratively review, recalibrate and optimise their survey regimes as operational requirements evolve. Authorities can evaluate new survey technologies in parallel, undertake comparative performance assessments, and even design

hybrid survey strategies that combine the strengths of multiple sensing techniques across different network hierarchies, functional road classes or risk profiles.

In addition to condition and defect-level data, **CausewayOne Asset Strategy** can integrate and model other Highway related datasets, such as road marking retro reflectivity or ancillary assets, providing a unified analytical environment for evidence-based maintenance planning and lifecycle modelling

Causeway **CausewayOne Asset Strategy** has been created to transform the way you manage assets, provide services to your communities, and communicate with stakeholders. **CausewayOne Asset Strategy** is designed to support the objectives of key policies and codes of practice, including the Well-Managed Highway Infrastructure Code of Practice.

Features

Gain valuable oversight

Visualise your highway network inventory and condition data together. Integrate data spatially and share with your stakeholders.

Apply relevant factors

Include local and political factors in your analysis with ease to ensure best fit and realise ROI with smarter planning.

Make accurate predictions

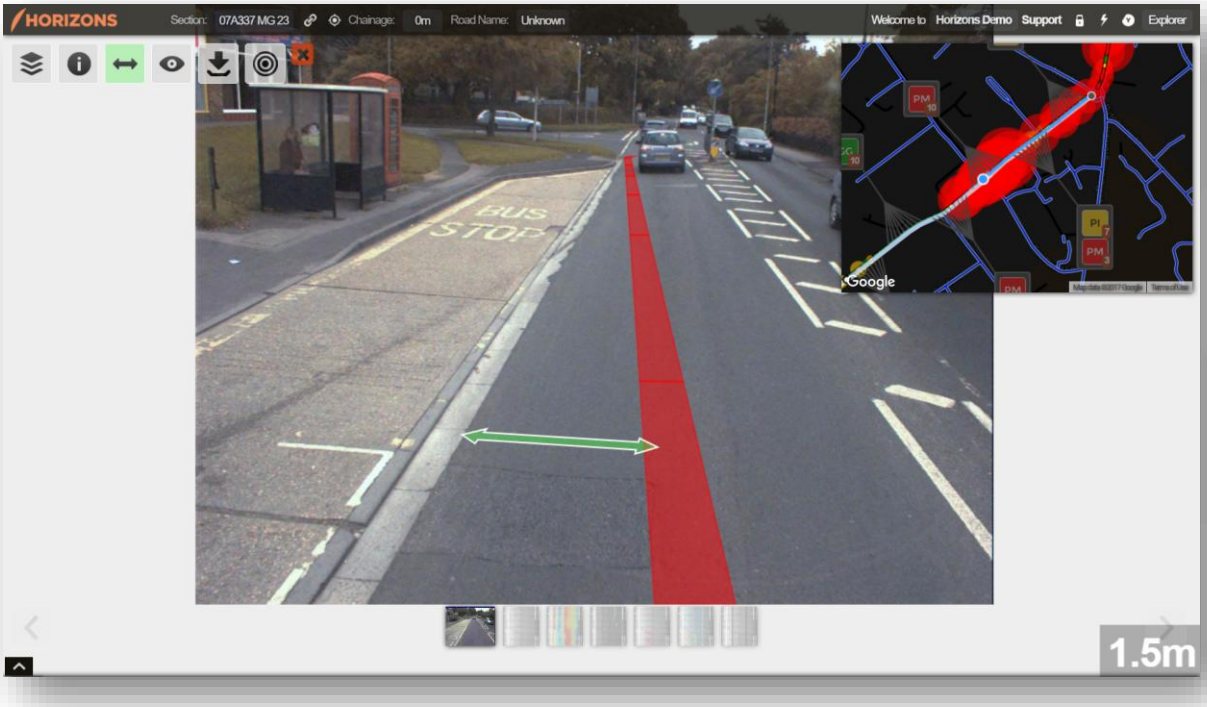
Model investment and performance scenarios using and analysing your own data to predict future deterioration.

Generate bespoke reports

Quickly and easily create personalised reports on network condition or condition scenarios to ensure you stay in the know.

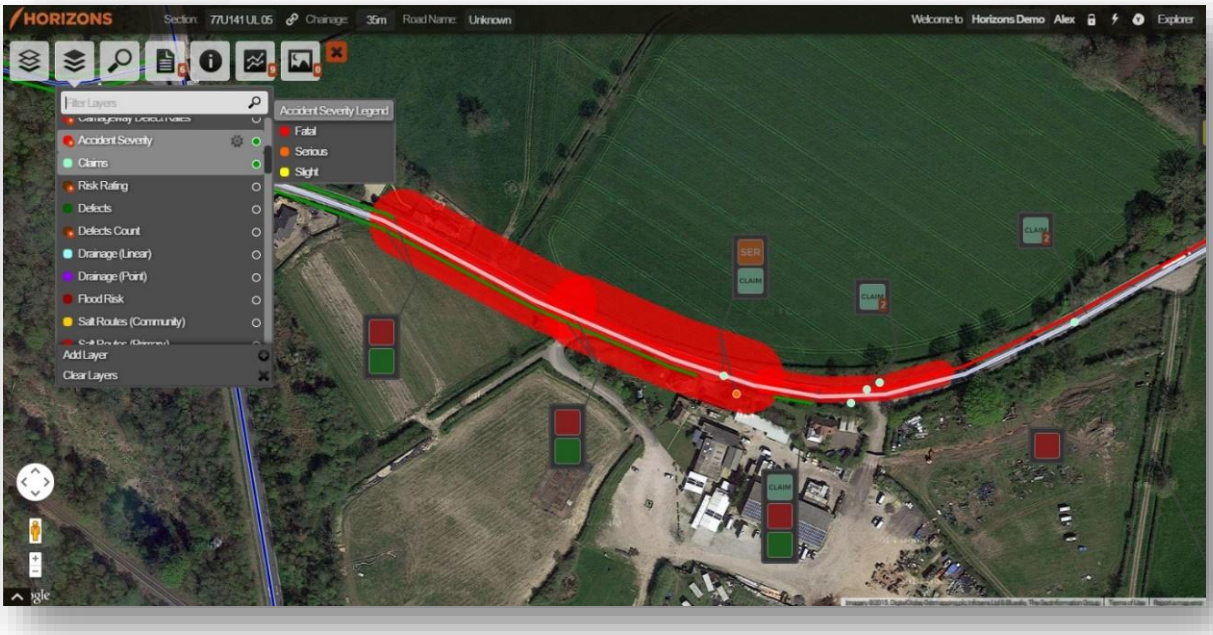


Powerful and clear visualisation of SCANNER condition data hotspot mapped, with accompanying video and detailed data graphing of individual condition parameters.

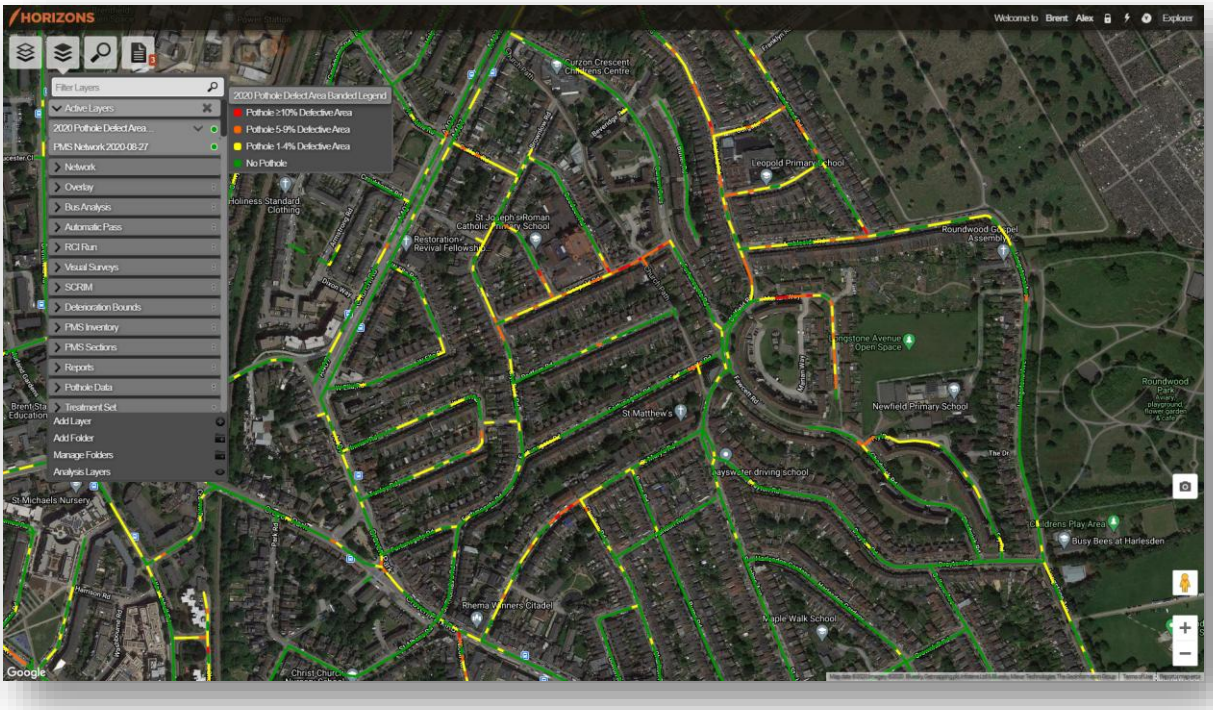


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Public



Projecting condition information into SCANNER video and performing measurements, followed by an example of assessing site risk based on SCRIM information in conjunction with Accidents and Claims data.



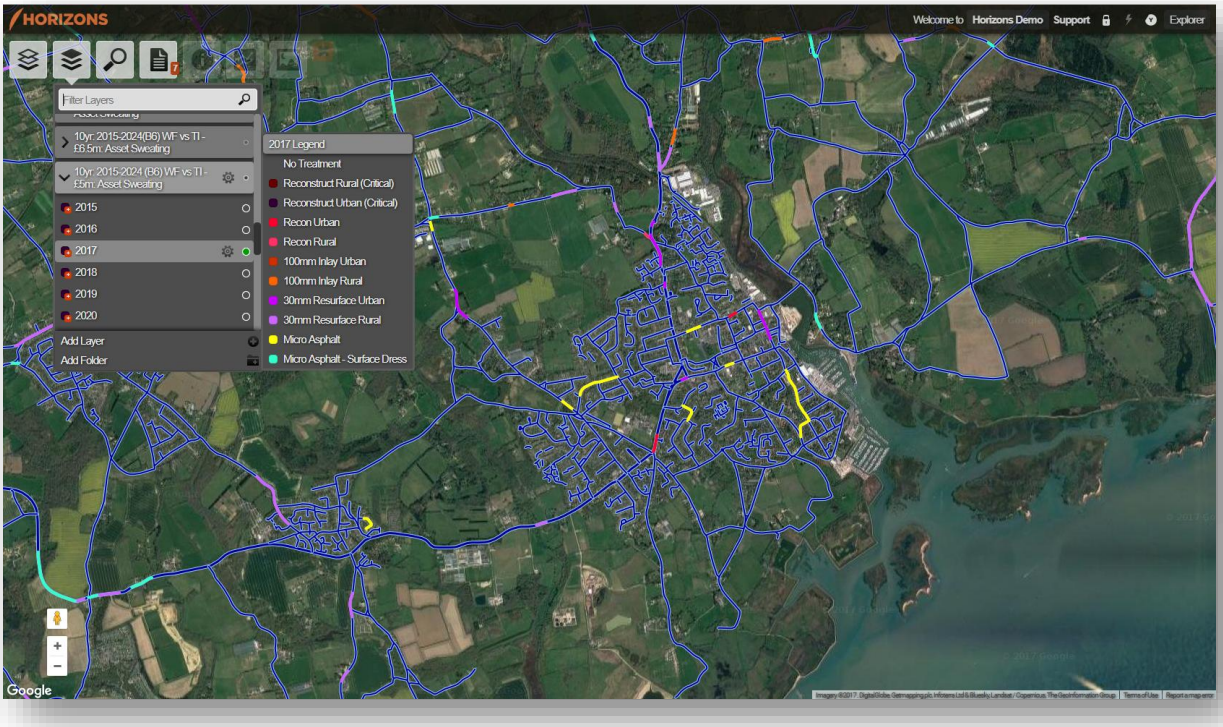
Assessing pothole density data captured from a Vaisala Road AI survey.

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Public



Defect clusters in **CausewayOne Asset Strategy** help to inform and prioritise maintenance activities and provide an effective way to help highlight areas of high reactive spend.



A generated multi-year provisional works programme based on the maintenance model calibrated to align with specific requirements and goals.

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CausewayOne Asset Strategy carbon monitors demonstrate the expected carbon emissions for different treatment options and works plan results. This allows you to assess the environment impacts of different maintenance approaches to support and develop a Carbon Strategy.



CausewayOne Asset Strategy embedded PowerBI dashboard reports provide quick interactive report views. Overall condition can be filtered by various network attributes such as area, district or ward to enable drill-down reports. This is available for other condition monitors and used to present the new Data Standard RCM when available. The reports show year on year progression and the historic trend of performance indicators in a single dashboard view.

Services

Our experienced Professional Services team will collaborate with you to implement your software to achieve your organisations outcomes, working in a collaborative manner to deliver your project to the agreed implementation plan.

Public

Scope of Service

Causeway software and associated services are delivered on a Software as a Service (SaaS) basis, in a fully managed public cloud-based environment. This ensures you have access to the services from anywhere with an active internet connection using a suitable web browser or mobile device. Subscriptions, cloud infrastructure, cloud security, product updates, support desk and account management are included within the fees.

Information Assurance

Causeway's Information Security Management Framework ("ISMF") has been developed to maintain the highest standard of confidentiality, integrity and availability of internal, customer and supplier information. Policies are evaluated and reviewed periodically. We use a CREST accredited company to conduct the necessary penetration testing, aligned to OWSAP and other standards. to ensure the service is as secure as reasonably practicable.

Causeway hold ISO27001 certification with appropriate scope for the service. Our products are designed with multi-zone redundancy, with snap shots and back-ups of data taken at regular intervals. Systems are fully monitored with server and database issue/outage alerts and alarms, and the service has a set of SLAs which can be provided upon request.

Onboarding

The approach to onboarding will vary depending on the assets and services that are in scope as well as the system that you are migrating from. We will collaborate with you to agree the type and volume of data to migrate and approach to implementation, which will enable us to assess the resourcing needed. Our G-Cloud pricing will be used in the calculation of the professional services required. A copy of our on-boarding document can be provided upon request.

Implementation Plan

We will collaborate with you to agree a detailed implementation plan once we have reviewed your requirements and agreed the most appropriate approach for deployment of your service. The on-boarding process will typically be completed within 4-12 weeks, depending on the timely provision of data, import volumes and network extent.

Training

Your implementation team will collaborate with you to identify learner types, training objectives and advise on a training plan to meet all requirements. This may comprise both standard and bespoke training approaches, and a wealth of training resources are accessible through your online Learning Management System (LMS).

Pricing

Please see the separate pricing document that forms part of our G-Cloud service listing.

Trial Service

A trial service is not available.

Ordering and Invoicing

To discuss your requirements further please contact us at:

www: https://www.causeway.com/

email: salesukgov@causeway.com

phone: 01628 552000

To purchase the service, you will need to complete a G-Cloud Call-Off Order Form in addition to providing a valid Purchase Order. Fees will be invoiced on receipt of order and must be paid prior to the commencement of the service.

Please also see the separate terms and conditions document that forms part of our G-Cloud service listing.

Buyer Responsibilities

You are responsible for ensuring that those people you are granting access have a suitable web browser to access the service. The service will be subject to a fair usage policy, details of which can also be provided upon request.

User Community

Your will have access to a range of in-person and online resources to help enable you to get the most from your investment in our software, including access to:

- Your Account Manager and wider Causeway team.
- The online learning management system (LMS) that gives you access to pre-recorded video training material as well as quizzes and other content to help maintain and expand yours and your team's knowledge of the service.
- The online product help pages for further information and support as well as updates as new features are released.
- The online Ideals Portal, where you can submit your ideas for expanding and extending the product functionality further.
- The online Community Forum, where you can interact with other users, ask questions of them and the Causeway team.

Off-Boarding

Following a request to cease the subscription service in agreement with the subscription terms and conditions, Causeway will cease to provide the service on the agreed date. On termination of the agreement for any reason, all subscriptions granted under the agreement shall immediately terminate and you shall immediately cease all use of the service.

Prior to switching off the service we will collaborate with you to agree an exit management plan, scope, and provide any additional professional services to undertake this, which may include:

- Provision of your asset and service data.
- Provision of details of the current service including configuration parameters.
- Working with you to transition to a new service.
- On the agreed date removing access to the service.
- Agreement of timings to remove all data backups and disaster recovery copies.

Further details of our off-boarding process are available upon request.

For further information please contact

www: https://www.causeway.com/

email: salesukgov@causeway.com

phone: 01628 552000

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