



ALL ABOUT APPIA

YOUR ROUTE TO BETTER HIGHWAYS

Appia Infrastructure Solutions provide consultancy and software to support the management of highways and other infrastructure assets. Our team of experienced professionals includes specialists in highways and asset management, software development, data management and pavement engineering. We have a proven track record in helping local authorities and other organisations to be more effective in their highways, pavement and asset management.



As a specialist company we are independent from data suppliers, system suppliers and other consultants and offer a personalised service, responding quickly and flexibly to our clients' needs.

Our specialist products and services are designed to assist engineers, managers and strategists to get the best out of their limited budgets; we work closely with our clients to ensure that we deliver what they need so that they are able to do their job more effectively. Our family of innovative software products have been used in both the private sector and in local and central government as well as providing modelling and performance measurement solutions to many highways PFI and DBFO projects.

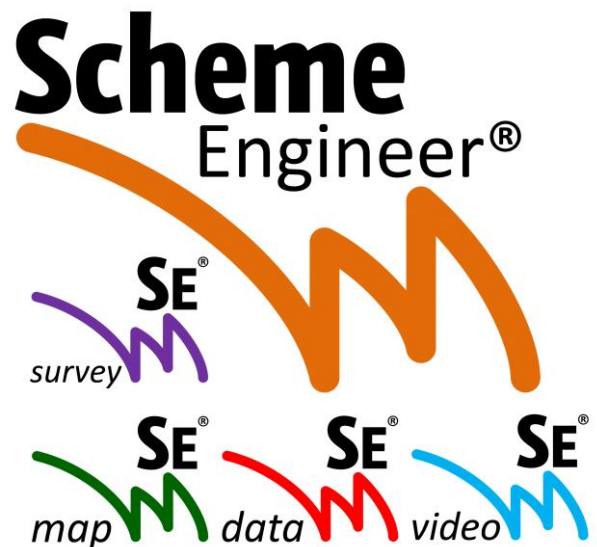
We offer a range of services and software products to authorities aiming to get best value from their highways asset management data and plans. Our data management experience includes pavement condition data (SCANNER, SCRIM, UKPMS, FWD, Deflectograph, GPR), asset inventory data, construction data and spatial data.

We specialise in helping authorities make the transition from asset management theory, to an active, workable highways asset management plan that delivers real benefit, and helps get the most from constrained budgets. At Appia we aim to add real,

demonstrable value to our clients' businesses; we pride ourselves on our high-quality, "right first time" delivery, and aim to build long-term relationships with clients, based on mutual trust and commitment.

THE SCHEME ENGINEER® FAMILY

Scheme Engineer® is our core product that, with the SE family of software represents a high-value, low-cost software solution that can deliver tangible financial benefits and efficiencies in the management of highways networks. Scheme Engineer® is rapidly being adopted by many Local Authorities as their principal tool for unlocking the value of the data stored in their PMS and Asset Management systems.



The Scheme Engineer® family of products.

Scheme Engineer® uses relevant data commonly available for most highway networks to prioritise deficient sites in order to maximise the impact of constrained budgets.

Scheme Engineer® helps to bring about efficiencies in the time spent by personnel in identifying schemes, in preparing supporting information and in visiting sites to gather and check data. It helps to substantiate decisions as to the location and nature of maintenance works, to paymasters and to management, and provides an auditable record of works and reasons why works have/have not been carried out.

asset data that earns it's keep



.../ALL ABOUT APPIA

SCHEME ENGINEER®

The core Scheme Engineer® product can be used as a stand-alone Pavement Management System or it can be operated alongside an existing UKPMS system, enhancing the outputs and provides a broad range of functionality that includes:

- Identifying Scheme Locations and Treatment Types
- Scheme costs (budgeting)
- Value Management & Whole Life Costing
- Condition Projection and Forward Works Programming
- Asset Valuation (GRC and DRC)
- Skid Policy management
- Performance reporting and service levels


Skid Policy Manager assists Highway Authorities in the implementation of a risk-management based skid-resistance policy, and assists in the integration and interpretation of map and linearly referenced data held in disparate local systems.


Scheme Engineer also supports asset valuation and the definition and reporting of service levels, and can provide custom solutions based on client or 3rd party models, for example to support investment need assessment and performance models for highways PFI contracts.


Scheme Engineer® is available as locally installed desktop or server software, or can be provided as a hosted solution.


THE SE® FAMILY OF SOFTWARE

In addition to the core Scheme Engineer® product we offer four related products that can be operated as stand-alone installations or alternatively, integrated with Scheme Engineer®.

 SE®_data provides the functionality of a “Tranche 1” UKPMS System, allowing data to be loaded, managed and exported in a range of standard formats.

 SE®_map allows the asset data within Scheme Engineer to be displayed and interacted with on a map background, including the production of “RAG” (red-amber-green) maps.

 SE®_survey is handheld computer software for carrying out visual surveys including UKPMS Visual Inspections, routine safety inspections and bespoke engineering surveys.

 SE®_video allows digital video surveys to be displayed, for asset inventory data to be extracted, and for the video data to be displayed alongside the related asset data within Scheme Engineer®.

We are also able to develop custom software and models to meet clients’ specific local needs.

ASSET DATA MANAGEMENT

bring order to your road data

We offer a range of services aimed at maximising value from your asset management data and plans. Our data management experience includes UKPMS and other condition data, asset inventory data, construction data and geographic data. Appia can assist you with:

- Business cases for data collection, specifications, procurement and contract management of surveys
- Data quality assurance, audit and improvement planning
- Mapping and GIS
- Implementation and operation of UKPMS

ASSET MANAGEMENT CONSULTANCY

solve the asset management puzzle

Our experienced professionals are able to help you better manage your highway networks, through a range of consultancy services:

- Asset system specification, selection, implementation and operation
- Building forward works and investment programmes
- Development and implementation of value management
- Major highways projects including PFI
- Development and Implementation of HAMPs
- Asset valuation (gross and depreciated replacement costs)
- Strategic advice on investment need and funding options
- Development of policy and operational documents such as Skid Resistance Policy, Highway Maintenance Management Plan etc

TRAINING

We are able to offer a flexible training in asset management, UKPMS, pavement management and related activities, either in our offices in Doncaster or in client offices. We offer training and formal accreditation for UKPMS visual inspections (CVI, DVI and FNS).

To discuss how we can help you, contact one of our team today:

+44 (0) 8444 439222

info@appia-uk.com