

# Case Study

## TARMAC



**The substantial Tarmac Land Information System (LIS) designed, developed, and hosted by ENKON employs the Integral platform to deliver industry-leading data management and top-flight mapping interfaces.**

### About Tarmac

A British building materials company, Tarmac is the UK's leading sustainable building materials and construction solutions business with 150 years' experience in aggregates and asphalt, ready mix concrete, cement, lime and powders, contracting and building products.

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## Integral

### The Objectives

- Manage Tarmac facilities
- Manage property information
- Manage agreements/permits
- Manage input and storage of metadata related to properties
- Email management
- Display LIS data through EasyMap



#### Decrease Service Delivery Time

Integral improves efficiency by dramatically reducing processing time.



#### Powerful Reporting

Accurate metrics allow your organization to measure departmental efficiencies and improve service delivery.



#### Superior Data Integrity

Reduction of data redundancy, increased accuracy and prevention of data loss.

### The Work

Working in close collaboration with Tarmac, ENKON deployed an Integral based Land Information System (LIS) to encompass and enhance solutions for the full breadth of their business requirements. This system called for a substantial level of data migration, hosting, a high resolution mapping interface, and data management, including over 7000 agreements and tens of thousands of email notifications and reminders.

### The Results

The Tarmac LIS developed by ENKON includes the following Integral modules: Sites, Facilities, Properties, Agreements, Permits/Licenses, Drawings, Reserves, Incidents, and Inspections. As Tarmac has extensive mapping data, ENKON also setup and deployed the Integral Mapping system, which is used to manage over 400 layers of GIS data. This includes their site, property and license boundaries, and very high quality aerial photography generated by the UK government. ENKON assisted in migrating substantial data sets from previous systems into the Tarmac LIS. ENKON was responsible for the full implementation and roll out of the system including training of both users, power users, and administrators. The Tarmac system is hosted in ENKON's data center, and ENKON takes full responsibility for performing system maintenance and backups. ENKON is currently working on updating the Tarmac Reserves module used to manage the quantiles of proven, measured, and probable reserves on many of their quarries.