



Playbook V5: One Platform Mapping

TfL Lane Rental Industry Publication



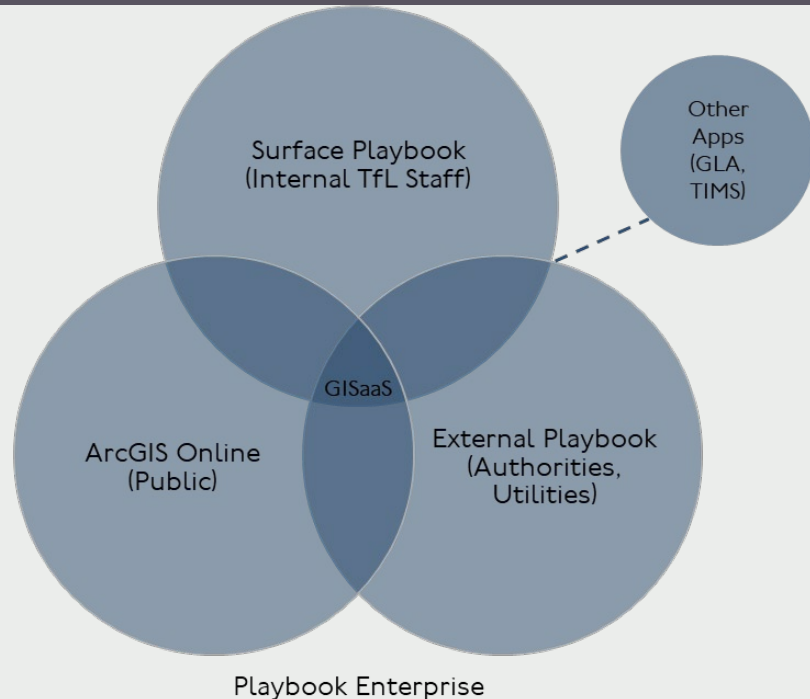
Introduction

In 2014 Transport for London's (TfL) Road Modernisation Plan invested £4bn into transforming junctions, bridges, tunnels and public spaces. During this time of unprecedented activity there was, and continues to be, a need to provide clear visibility of road works to stakeholders, from inception through to delivery.

The Playbook Enterprise, known as GIS as a Service (GISaaS), is the method TfL disseminates geospatial information, across internal TfL staff (Surface Playbook), external partners and 3rd party suppliers (External Playbook) and members of the public (ArcGIS Online).

The fourth iteration undertook development to improve the efficiency of geospatial data sharing between TfL and external colleagues by ensuring architecture reliability and platform performance for improved planning, coordination and awareness of programmes between stakeholders. This has contributed positively towards reducing roads disruption, the better understanding of assets, increased performance and facilitating a clearer strategic direction.

Following the successful delivery of Playbook Iteration 4C, iteration 5 looked to mitigate resource duplication, while increasing the sharing of GIS data. This work proposed to ensure that Playbook would continue to be an effective GISaaS for London road works data and maintain the capability in which to meet future demands, while optimising the operation of GISaaS.





The Project

This phase looked to merge the internally accessed Surface Playbook with the 3rd party/supplier accessed External Playbook into a single platform to enable increased collaboration and remove the known obstacles to sharing information across a broad user base, while consuming less resources.

To facilitate the merger, the project was split into 4 phases: Design, PoC, Migration, and Decommissioning. The PoC and decommissioning phases took longer than anticipated, delaying the project by 1 month.

Resource and conflicting priorities within the matrix team were identified as the cause, with business as usual responsibilities being balanced against project delivery. However, this did enable the opportunity for further improvements to be identified and added to the scope as the project progressed.

Outcomes

The project successfully met the intended objective of enhanced data sharing capability and visibility through a single access platform. Delivering this has removed resource duplication and infrastructure requirements, increasing security for data sharing between internal and external stakeholders and decreasing the associated environmental impact of the service provided.

This new platform will enable even more collaboration between highway authorities and utility companies to take place and provide clear visibility of road works to stakeholders, from inception through to delivery, while maintaining digital security for their shared data.



Conclusion

The single access Playbook platform will ensure the service continues to be at the heart of geospatial information sharing for road works, now and in the future.

It is recommended that an annual review be undertaken with users and stakeholders to collate suggested improvements for further iterations to be developed as they arise.



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TfL Lane Rental Scheme

Optimising customer journeys through the delivery of safer, innovative and sustainable roadworks



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