Gisaïa launches arlas.city
with Tisséo Collectivités as first adopter.

Arlas.city is a geo-analytical solution for Public Transport Authorities. This innovative SaaS service gives public transport decision-makers the ability to respond to the needs of residents for efficient public transport. Arlas.city enters the market with Tisséo Collectivités.

> *" Arlas.city offers us a powerful visualization of our transport offer via a reactive and ergonomic interface. The proposed geospatial analysis tools will quickly allow our study managers to enlighten our managers on the state of our network and help them make decisions to develop it. We believe that arlas.city is, at the crossroads of GIS and the public transport business, the solution of excellence that we are looking for. "*
> *Tisséo Collectivités.*

Tisséo Collectivités' transport network is vast, complex and includes different modes of transport; metro, tramway, bus and cable car. Tisséo benefits from the harmonious alignment of all their data sources, which are distributed in several silos. Indeed, arlas.city offers a unified, global and instantaneous view of the different Tisséo data silos covering, among other things, the network elements (113 lines and 3674 stops), ticketing, and the advances/delays observed.

This allows Tisséo to measure theoretical, operational and societal performances. Tisséo's teams can carry out customer analyses and obtain economic indicators to make precise and timely strategic decisions, for example to determine where to place stops, establish a new link between modes or even increase or decrease the frequency of services.

Arlas.city offers a unique analytical perspective on the operational performance of the transport network and its attractiveness to the public through the integration of population and ticketing data.

In addition, arlas.city is interoperable with other solutions, eliminating redundancy and providing an efficient and seamless tool chain. This cloud solution offers great flexibility, especially for the growing need for remote working. Its ease of use makes it accessible across all public transport authorities' command-chain for synchronised, evidence-based choices.

But arlas.city doesn't stop there, as ongoing developments will allow the integration of demographic data.

> *" Il sera possible de mesurer directement l'adéquation entre l'offre et la demande et d'évaluer la proportion de la population bénéficiant de l'offre. Sans oublier la puissance du calculateur d'isochrones directement exploitable dans arlas.city, qui permet de calculer instantanément les zones accessibles, selon une configuration du réseau et plusieurs origines.*
> *A noter que les stations de vélos sont aussi exploitées dans les calculs des isochrones. "*
> Indique Sylvain Gaudan, directeur technique de Gisaia.

Isochrones - curves connecting points accessible to travelers in a given time - are excellent indicators of network performance. Moreover, isochrones, once projected onto population data, allow the social performance of the population to be estimated.
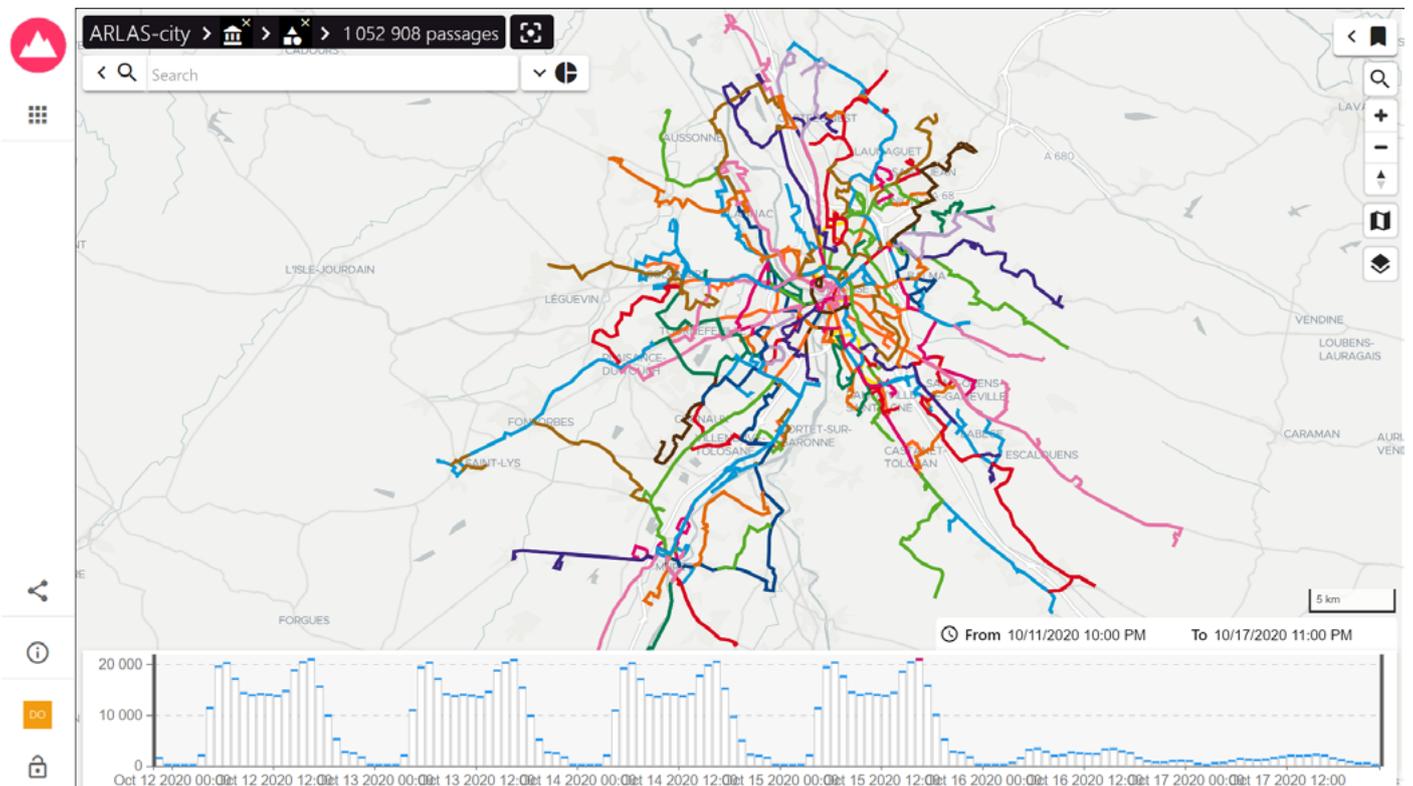
Arlas.city is constantly evolving to bring more tangible facts to decision-makers. Decisions are justified and supported by reliable data and analysis. They lead to a balanced and efficient public transport network that ensures mobility, accessibility and passenger satisfaction.

arlas ⋅ city

● About Gisaïa

Gisaïa is an expert in geospatial intelligence for the in-depth analysis of large volumes of geo-localised data. In this context, Gisaïa publishes ARLAS, a geo-analytical big data framework and platform. arlas.city, which is based on ARLAS, demonstrates that data silos can be aligned, merged, sorted and re-compiled to make them coherent for analysis on a common platform. This unified information instantly reveals reliable and clear indicators for an overall understanding of all public transport modes.

● About Tisseo Collectivités

Tisséo Collectivités (a joint public transport syndicate) is the organising authority for mobility in the Toulouse conurbation. The Syndicate has been assigned the transport management of four intercommunal bodies: Toulouse Métropole, Sicoval, the Syndicate Intercommunal des Transports Publics de la Région Toulousaine (SITPRT) and the Muretain Agglo. The transport network comprises 108 municipalities and serves more than 1 million inhabitants.
In 2019, Tisséo will provide 139.6 million journeys, 2 metro lines, 2 tramway lines, 9 Linéo, high-service buses and 133 urban lines, 16 park-and-ride facilities and 8 bicycle parks.

Regardez la demo ▶

Rendez-vous sur Gisaia: *www.gisaia.com* et arlas city: *www.arlas.city*
Suis arlas.city sur *LinkedIn* et *Twitter*

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