

Intelligence

Bridging the Gap Between
Knowledge and Technology

Solving global challenges with data-driven solutions

The trends shaping our world require governing bodies, businesses and society to adapt thoughtfully and quickly. From the impact of climate change and rapid urbanization, to increasing digitalization, socio-economic disruption and societal expectations, the pace of change calls for a new approach to meeting today's greatest challenges.

At Arcadis, we use digital intelligence and deep human knowledge to create products and solutions in a holistic way. By empowering our clients with agile, data-driven insights and technologies that complement our sustainable design, engineering and advisory expertise, we can confidently work in partnership to address these global challenges head-on, all with the common goal of improving quality of life.

As experts and innovators, we're continually embracing change, unleashing the power of data to shape a resilient, brighter future for sustainable communities and cities around the globe.



The Intelligence value-add

In partnership, we help our clients make integrated and sustainable decisions, bringing a digital layer to both the built and natural environment so that businesses, communities and cities can truly thrive.

What the Intelligence approach means for clients:

- Enhanced long-term resilience
- Actionable advice
- Operational efficiency
- Data-driven insights
- Swift adaptation to change
- Bolstered business growth and continuity

We blend deep subject matter knowledge with cutting-edge innovation, developing tailored solutions in partnership with our clients:



Geographical Diversity



Digital Practice, Product and Integrated Solution Delivery



Five Complementary Market Verticals

Transportation Technologies; Smart Buildings and Communities; Digital Asset Management; Revenue Systems; Energy Transition Technologies



Arcadis' broader design, engineering and consultancy expertise



Custom solutions geared towards agility and resiliency to bolster business growth and shape sustainable cities



Arcadis Product Bundle Spotlight

From enabling water clients in the UK to make precise investment choices with our Enterprise Decision Analytics product, to revolutionizing travel across three continents with our real-time Travel-IQ product, we've supercharged our well-known sustainable design, engineering, and consultancy expertise to meet our clients' unique needs, in cities worldwide.

Our product bundles are complementary to our expansive range of services. Some of these products include:

Transportation Technologies

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Travel-IQ

Travel-IQ is Arcadis' flagship integrated 511 product that is delivered in a SaaS model. Travel-IQ seamlessly incorporates data collection management and a data fusion engine, which collects and processes data from various sources for use across the platform's channels. Travel-IQ is useful in projects for municipalities, healthcare (i.e. hospitals), airports, education, and private operators.

Travel-IQ can incorporate real-time data from the platform's mobile application, as well as Waze, HERE, and regional weather alerts, radar and forecasts. Numerous other data sources, including points of interest, real-time snow plow and maintenance vehicle tracking, road and traffic conditions, and ITS infrastructure, can be configured within the platform. The Travel-IQ solution has multi-channel flexibility, providing customers the convenience of choice as they navigate their journeys: Event reporting, responsive web and mobile app.

[Learn more →](#)

511NY Travel Information System

InSight ATMS

InSight ATMS is the leading software platform tailored for transportation network management, offering traffic management center operators and remote traffic operations personnel a comprehensive toolset for monitoring network conditions, incidents, and work zone activities.

InSight ATMS facilitates seamless tracking and management of network events, enables control over roadside traffic management devices, integrates data from various external sources, and automates the dissemination of real-time information to both internal and external stakeholders, thereby enhancing situational awareness and operational efficiency.

Key features include live video, digital dissemination, weather systems and decision support.

[Learn more →](#)

Wisconsin Next Generation Advanced Transportation Management

CurbIQ

CurbIQ is a digital curbside management solution developed by the transportation, parking, and curbside experts at Arcadis. The product helps cities better understand how their curbsides are working today and gives them modern solutions to improve operations in the future.

CurbIQ consists of a variety of solutions and services that provide curbside data collection, visualization, management, and analysis. Together, they provide considerable transparency, flexibility, and efficiency to the entire curbside planning and operations process. The solutions help practitioners visualize existing conditions, plan out different curbside allocations and scenarios, and compare the corresponding impacts to make informed decisions at the curbside.

[Learn more →](#)

Dublin Digital Mapping SENATOR Project

Los Angeles Curb Inventory Pilot

HotSpot

HotSpot offers a single solution to obtain and provide digital transient parking payments, digital parking permits, QR code-based signage, a full Enforcement and Citation Management system, and transit fares. HotSpot takes an infrastructure-light approach which allows clients to introduce or update a paid parking program with minimal upfront investment and achieve maximum ROI.

HotSpot's platform can flexibly adapt to complement or replace existing infrastructure such as pay stations, ensuring a straightforward operational change at minimal cost. The digital parking permit system also provides an easy-to-use system that can ease administrative burden of paper permit systems.

[Learn more →](#)

Jasper Parking Revenue Plan

Tolling Platform

Arcadis' toll and revenue management software solution is a future-ready system for road user charging and tolling, with experience integrating toll solutions with production systems across major road networks and crossings globally. The solution features smart customer account management, revenue collection, reconciliation, audit and tracing, enforcement, collections, and an omni-channel contact center. It seamlessly integrates with other technologies and devices, enabling automatic payment and manual toll-collection environments. Our systems provide interoperability with other fare collection systems offered for transit (buses and ferries), parking and airport ground transport payment processing systems.

[Learn more →](#)

International and Blue Water Bridge Toll Systems





Digital Asset Management

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Enterprise Decision Analytics

Arcadis' Enterprise Decision Analytics (EDA) solution is a decision support platform that empowers asset-intensive organizations to better understand their asset portfolios and enable optimal, data-driven decisions that balance and prioritize complex factors for an optimal asset investment plan.

EDA enables companies to streamline their planning process, improve planning efficiency, save time on reporting and regulatory submissions, and quickly reach objective, data-driven, operational, tactical, and strategic decisions.

EDA is a highly configurable, integrated platform with two key modules to help clients optimize their assets and investment projects.

- **EDA Asset** enables users to integrate different disparate data sources, analyze and optimize the data in order to increase efficiency and ensure that they are performing the right work, on the right assets, at the right time.
- **EDA Portfolio** allows organizations to make informed decisions about investment planning, visualize and provide data driven, optimal investment plans to the regulators, stakeholders, and customers.

[Learn more →](#)

[DC Government](#)

[Scottish Power](#)

[Severn Trent Water](#)

Enterprise Asset Management

Arcadis Enterprise Asset Management (EAM) Core solution is built to support asset-intensive organizations with the management, maintenance, and optimization of both their assets and operations.

With EAM, an organization has a 360-degree view of its assets, with real-time maintenance updates and compiled reports all in one place. EAM sits on top of IBM Maximo asset management suite, helping to enhance operational performance and ensure that operations optimization and asset maintenance stays on track, no matter the challenges that lie ahead.

Arcadis' EAM solution provides full visibility of an organizations assets, providing:

- Real-time asset monitoring
- Remote condition assessment
- Optimization of day-to-day routines by minimizing, or even eliminating disruptions
- Better cross-team collaboration by enabling the visibility of updates across multiple projects

[Learn more →](#)

[Govia Thameslink Railway](#)

[Grupo Bimbo](#)

[Transport for London](#)

Woven

Woven is a robust, reliable, and single-solution provider for broadband services that helps communities enhance their broadband networks, improve connectivity for residents and businesses, and future-proofs access to the global market to help close the digital divide.

Woven provides one seamless platform managed by Arcadis that helps develop and implement achievable broadband operations solutions that provide digital equity and increased opportunities for economic growth. Woven helps communities strengthen their economies and local connections, enhance their network value, and manage the broadband infrastructure they build. We accomplish that by improving the digital fabric of the community (providing digital equity, future proofed access to global market, education, and social supports) and quality of life, leveraging our partnerships and expertise to develop and implement achievable broadband operations solutions, and weaving community needs into the digital economy.

[Learn more →](#)

BrooksNet



We are Arcadis

Arcadis is the world's leading company delivering technology-driven sustainable design, engineering, and consultancy solutions for natural and built assets. Now bringing together the digital capabilities, products and solutions of Arcadis IBI Group and Arcadis Gen under a single Arcadis umbrella, we are on a mission to empower our clients worldwide with the data-driven insights they need to navigate today's challenges and address tomorrow's uncertainties with confidence and agility. Collectively, we bring an enhanced commitment to supporting digital transformation across every industry in which we operate.

As Arcadis, we stand together as more than 36,000 architects, data analysts, designers, engineers, project planners, water management and sustainability experts, all driven by our passion for improving quality of life.