

Traveler Focused Digital Solutions for Cities and Agencies



Scalable Digital Solutions for Cities and Agencies

From city streets to state highways, transportation leaders face mounting challenges including aging infrastructure, rising public expectations, tighter budgets, and evolving technologies. Arcadis brings together proven digital tools to help agencies and municipalities modernize operations, improve safety, increase efficiency, and deliver better service to the public without massive overhauls.



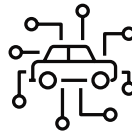


Smarter Transportation for All Environments

Whether you're managing an urban grid or a regional network, Arcadis offers a modular suite of integrated solutions built for:



Local Governments



Transit Agencies



State, Provincial, and National Departments
of Transportation (DoTs)

Our tools are designed to work independently or together, allowing agencies to start with their most pressing need and scale over time.

Why Arcadis? Proven. Trusted. Ready to Deliver.

With 150+ projects implemented for municipalities across North America, our solutions have been tested and refined in diverse urban environments—from major metropolitan centers to mid-sized communities facing similar mobility challenges

Global Expertise. Local Results.

Proven Traffic Management Expertise

Continental-scale deployment: **14** statewide systems across **16** U.S. states, **9** province-wide implementations in Canada

Comprehensive coverage: Managing **1.85+ million** highway miles in the U.S. and **306,800** paved kilometres in North America

High engagement rates: **28.4+ million** website users generating **64.4+ million** sessions (2024)

Trusted Transit Information Provider

Massive operational scope: Monitoring **20,000** buses, **13,000** train cars, and **50** ferries across North America

High-volume communication: **181+ million** SMS and **124+ million** emails sent to travelers (2024)

Real-time updates: **21,000+** service alerts distributed monthly, keeping citizens informed of changes

Innovative Curbside Solutions

Global implementation: **20+** projects across North America, Europe, and the United Kingdom

Extensive mapping: **11,000+** miles of curbside digitally mapped globally

Real-time monitoring: **12+** live parking maps serving cities and universities throughout Canada

Revenue-Generating Parking Systems + Digital Enforcement

Rapid adoption growth: **200+ clients** across North America

Significant revenue processing: **\$18.5+ million** in parking revenue and **\$2.8 million** in transit revenue
Comprehensive transportation transactions:

120,000 parking tickets and **200,000** transit tickets processed (2024)

Optimized ITS Asset Maintenance

Comprehensive system usage: **17** clients managing **68,716** physical assets and **17,548** devices (2024)

Proven operational scale: **\$100+ million** in asset value managed across ITS infrastructure

High performance delivery: **59,339** maintenance tickets created and **57,889** completed in 2024

Flexible, Revenue-Driven Systems

Global footprint: **26** systems across **7** countries and **1,200+** toll lanes over **2,000+** km of roadway

High-volume performance: **500M+** annual transactions and **\$1.5B+** revenue collected (2024)

Connected and compliant: **24/7** global ops with PCI, SOC2, ISO27001, NIST; national and cross-border interoperability

Key Capabilities Across the Arcadis Suite

inSIGHT ATMS (Advanced Traffic Management System)




Smarter Traffic Management. Real-Time Impact.

“During major storms, our team juggled three systems just to coordinate traffic and emergency responses. We couldn’t see the full picture fast enough.”

How it helps:

Arcadis’ Advanced Traffic Management System (ATMS) unifies your traffic data including cameras, signals, and sensors into a single platform. With real-time visualization and automated response tools, your teams can act faster and smarter to keep roads safe and traffic flowing.

- Respond to incidents in real-time
- Monitor 5,500+ devices and 130,000+ roadway miles
- Deploy dashboards across public safety, engineering, and operations

| Details | Schedule |
|---|---|
| Cause: Road Work Maintenance Road Work Rolling Closure | Start: 06/12/2019 18:17 End: 06/14/2019 18:17 |
| Diversion Route Route: Blue Mountain EB to Carlisle Relief Rt Closure Start: I-76 East Blue Mountain Closure End: I-76 East Carlisle | Advance Plan Start: Days 2 Hours 0 Notify Before (mins): Start 15 End 15 |
|  | Documents No documents available |
| Related Event Event ID: P190611001 Event Type: Planned Cause: Road Work Head Location: I-76 East 20.73 miles after Blue Mountain 4.11 miles before Carlisle Length: 0.00 mi Lane Blockage: 00000 | |



Travel-IQ (Advanced Traveler Information System)



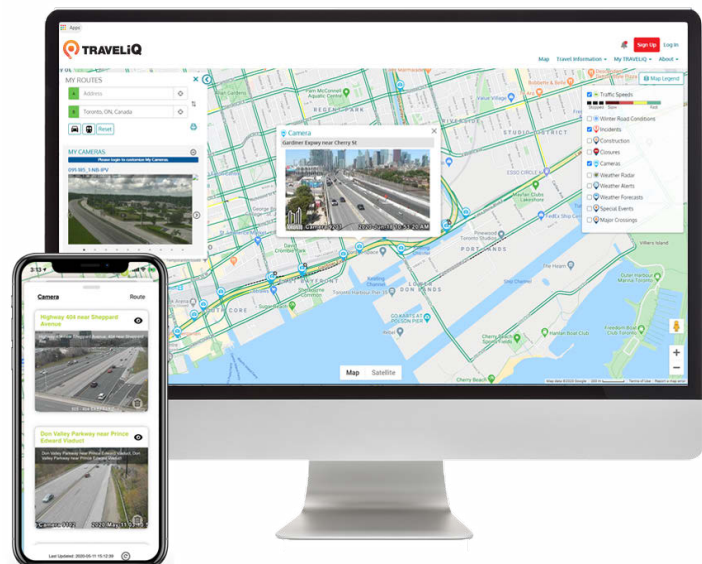
Next-Gen Public Communication & Event Management

“When a highway closed unexpectedly, residents turned to social media before we could issue a press release causing confusion and backlash.”

How it helps:

Arcadis’ ATIS, Travel-IQ, delivers real-time travel updates across every channel including websites, apps, SMS, 511, and social media. With integration to platforms like Waze and Twitter/X, your agency becomes the trusted, central source of truth.

- Reduce citizen complaints by 30%
- Distribute 182M+ SMS and 124M+ emails annually
- Engage 28M+ website and 4.5M mobile users





Asset Management Built for the Modern DoT and City

“We knew what needed repairs, but tracking signs, sensors, and guardrails across spreadsheets was a logistical nightmare and nothing got prioritized.”

How it helps:

This intelligent platform centralizes asset inventory, automates maintenance workflows, and supports forecasting. Agencies gain clarity, accountability, and the ability to plan smarter upgrades.

- Track 70,000+ assets and 60,000+ maintenance tickets
- Support phased hardware upgrades
- Monitor \$100M+ in infrastructure value

Asset Detail Generate Detail Report Refresh Close

12867_Wavetronix-SmartSensor HD 101-0416

Contract Group: DS Transcore

ID: 12867

Category: Detector

Template: Wavetronix-SmartSensor HD 101-0416 - 26 Pin SmartSensor HD Dual Beam Radar Up to 22 Lane - 250' Maximum

Status: In-use

Vendor: Wavetronix

Last Audit Date: Not Available

Last Modified: June 12th 2019, 2:15 pm

Created Date: January 21st 2016, 2:51 pm

Serial # A80006134

ITSM ID 7343723

Inventory Tracking: Not Available

Location Category: 185 Field Locations

Location: 955-A-178.5

Purchase Order: Not Available

Purchase Date: Jan 20, 2016

Installation Date: Jan 1, 2016

Warranty Expiry: Jan 20, 2021

Map

Satellite

Available Actions

Make Available

Make Unavailable

Retire Asset

Add Ticket

Add Attachment

Add Comment

Modify Ext. Properties

Link Asset

Modify Installation Date

Modify Inventory Number

Modify Location

Modify Template

Modify Vendor

Modify Warranty Expiry

Modify Asset Condition

Modify Contract Group

Modify Financial Info

Comments

Linked Assets

Status Change

Chronology

Audit History

Location History

Repair & RMA

Task History

Extended Properties

Financial Info

No Comments Available

HotSpot



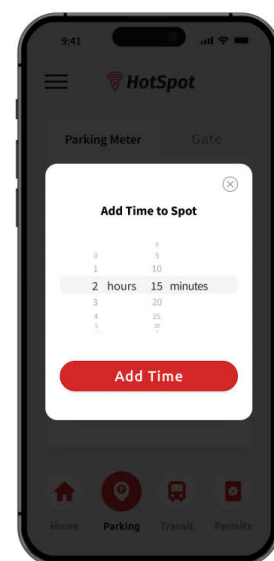
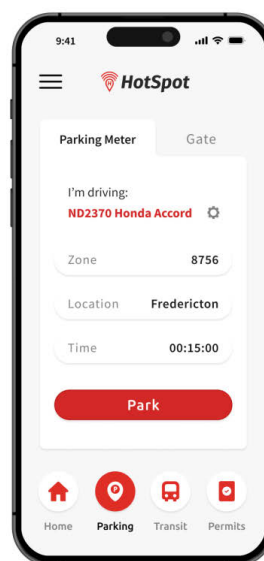
Modern Parking & Transit Operations

“Our coin-operated meters constantly failed, and the paper tickets frustrated both staff and drivers. We were losing revenue and public trust.”

How it helps:

HotSpot eliminates outdated infrastructure by digitizing payments, enforcement, and permitting. It boosts compliance, lowers costs, and generates new revenue streams.

- 56% increase in parking revenue
- Used by 200+ cities
- \$18.5M+ in processed revenue annually



CurblQ



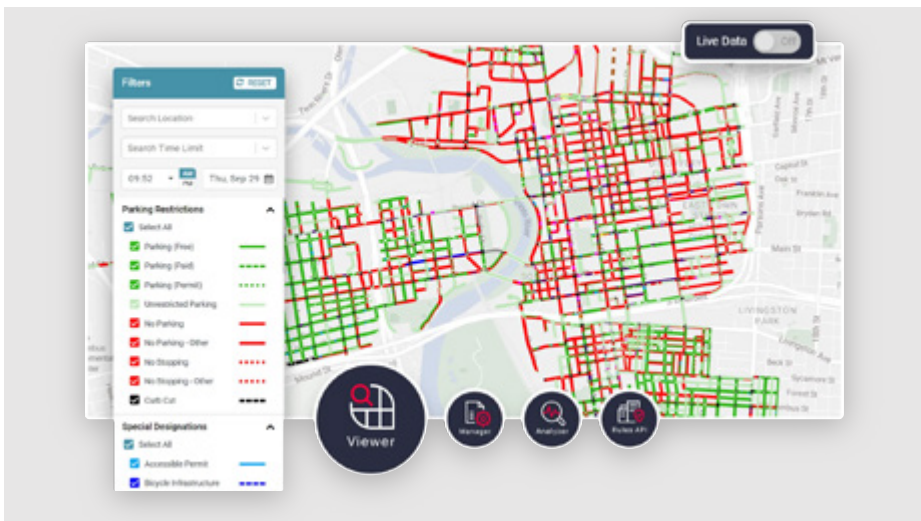
Smart Curbside Management

“Delivery vans double-parked daily, and we had no idea how to regulate curb space fairly across users like transit, rideshare, and loading zones.”

How it helps:

CurblQ digitizes and maps curb regulations to help cities coordinate curb uses, avoid conflicts, and increase revenue through smart policies and dynamic pricing.

- Digitized 11,000+ miles of curbsides
- Real-time curb maps in Edmonton, Québec City, and Seattle
- 355,000+ parking transactions analyzed



Transit Data Suite + OpenTripPlanner



Reliable GTFS Management + Seamless Multimodal Trip Planning

“Manual GTFS updates caused delays and inconsistent rider info and our commuters were losing trust in the system.”

How it helps:

Arcadis automates GTFS/GTFS-RT data validation and publishing while OpenTripPlanner powers dynamic, multimodal trip planning. It integrates bus, rail, biking, and carshare into one customizable platform.

- Supports 22+ clients across North America
- Sends 21,000+ monthly alerts
- Powers 3,200+ social updates monthly

Creating New Alert Select Alert Type > **Alert Details** > Preview and Submit

Bus - Stop Closure
Affected Service

STOP(S)
All Routes
110th Ave NE & NE 10th St (SB) (inbound)
110th Ave NE & NE 10th St (SB) (outbound)
154th Ave NE & NE 85th St (SB) (inbound)
154th Ave NE & NE 85th St (SB) (outbound)
15th Ave NE & NE 40th St (inbound)
15th Ave NE & NE 40th St (outbound)
15th Ave NE & NE 40th St (SB) (inbound)
15th Ave NE & NE 40th St (SB) (outbound)
☐ Show Child Stops

IMPACTED ROUTE(S)
ST Express 542
ST Express 545

ALTERNATE STOP(S)
ST Express 542
Redmond Transit Center - Bay 5 (SB) (outbound)
NE 85th St & 160th Ave NE (WB) (outbound)
154th Ave NE & NE 85th St (SB) (outbound)
West Lake Sammamish Pkwy NE & Leary Way (SB) (outbound)
SR 520 & NE 51st St (SB) (outbound)
SR 520 & NE 40th St (SB) (outbound)
Clyde Hill/Yarrow & Clyde Hill/Yarrow (WB) (outbound)

Time Range
EFFECT PERIOD
One-time Alert
now TO Thu Aug 21, 2023 end of service day
☐ Edit Notification Period
Override the default notification period

Alert Details
CAUSE
a fire response
SEVERITY
moderate

Post



Bus Alerts @TRANSITDemoBus



Route 101 trip to Renton TC scheduled at 11:47am from Union St & 5th Ave (WB) and three other trips are not operating today
example.com/a/1456

“Our toll system was locked into legacy software that couldn’t handle mobile payments or support congestion pricing.”

- 500M+ transactions processed annually
- \$1.5B+ collected across 7 countries
- Built-in analytics for revenue leakage prevention and policy impact

An aerial photograph of a multi-lane highway. A white car is driving in the right lane, and a black car is driving in the left lane. The road has white lane markings and a central divider. The surrounding area is green and hilly.



Let's Build the Future of Mobility Together

Whether you're solving downtown congestion or enabling real-time traffic management across thousands of highway miles, Arcadis has the tools and expertise to help. Start with one solution or transform your entire transportation ecosystem.



About Arcadis

Arcadis is a leading global partner, delivering some of the world's most transformative projects with businesses, cities and industries. With 36,000 people active in more than 30 countries, we bring together the best minds from around the world to deliver intelligent products and solutions across the environment, energy, water, buildings, transport and infrastructure sectors. We take design, engineering, architecture and consultancy to the next level, advising clients at every step of every project, and combining our human and digital intelligence to co-create environments that reflect our clients' and stakeholder needs. We are committed to solving today's greatest challenges; creating a blueprint for a better future, designed to thrive.

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