

# Use Cases

## *Public Works*

### Kamloops, BC

348 Tranquille Rd  
Kamloops, BC  
Canada  
V2B 3G6

### Washington, DC

1399 New York Ave NW  
Suite 601  
Washington, DC  
USA  
20005

### Phone & Fax

1.866.802.4536

### Online

info@lightshipworks.com  
www.lightshipworks.com

# Introducing Lightship.

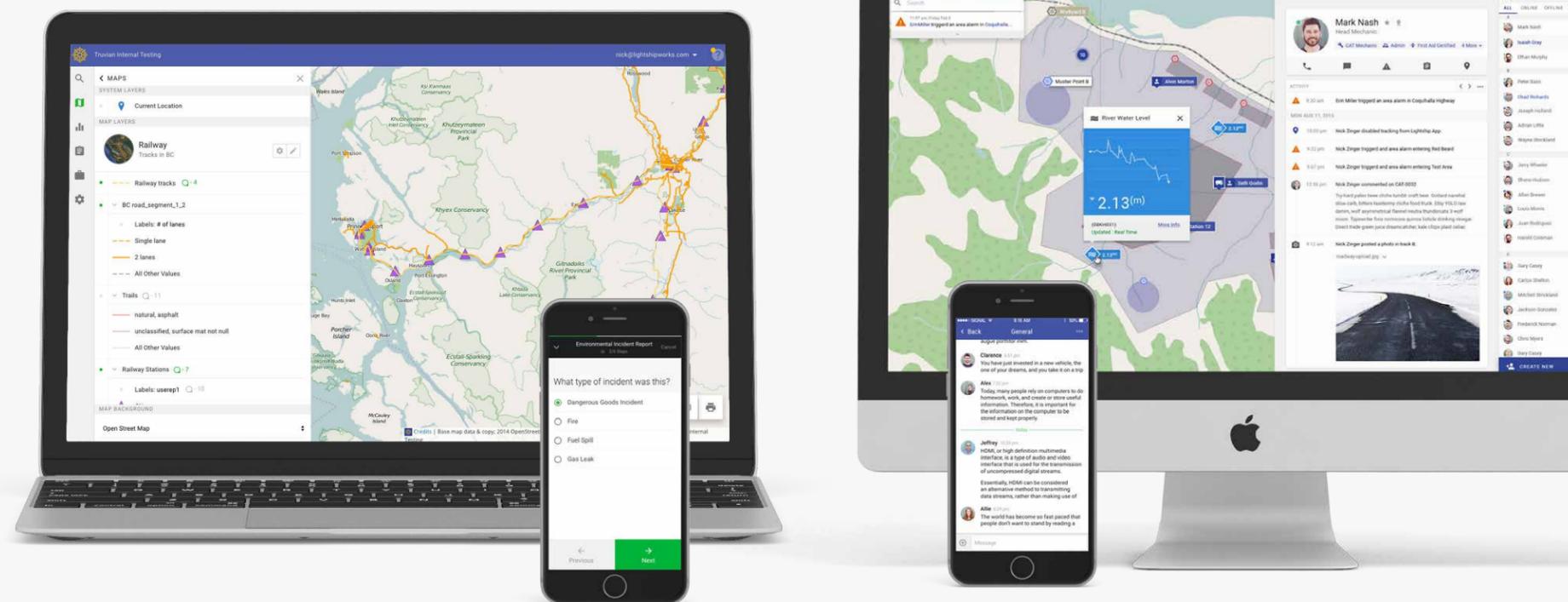
*Simple command & control software.*

Lightship is an integrated, easy to use platform for managing and maintaining your infrastructure. Our products help you efficiently visualize all of your assets, collect data in the field, coordinate field crews, and generate the summaries needed for planning and budgeting processes.

Lightship was built to provide simplified access to all of your data while also offering functionality for worker management and sensor integrations. One of Lightship's advantages is ease of implementation and immediate ROI, and that value can be extended even further through integrations with other systems, including file storage and enterprise GIS.

## OUR PRODUCTS

Lightship is a worksite management platform with a suite of products for communication, data collection, and project management.



### Lightship Maps

Import, store, and view all of your existing infrastructure. Digitally record inspections and maintenance in the field with custom forms. Quickly answer questions about individual assets, inspections, and maintenance completed from the office or the field.



### Lightship Works

View staff, assets, and sensors in real-time. Communicate instantly using a combination of integrated voice and text messaging. Respond immediately to any situation with skill-based search and automations.

Use case #1

# In-field data collection for inspections and maintenance.

Custom forms allow you to do inspections, inventory assets, and update attribute information from the field with a bring-your own device (BYOD) approach. Based on login permissions, staff, contractors, and the public can use any device to collect structured, high-quality data that is instantly saved for future reporting and analytics.

1



## Shareable forms.

Lightship's simple, shareable forms streamline data collection, reducing errors during capture, reducing risk of data loss, and eliminating time spent on data entry.

2



## Complex reporting.

Use Lightship to share visualizations of reporting milestones to stakeholders, and to communicate progress for ongoing projects.

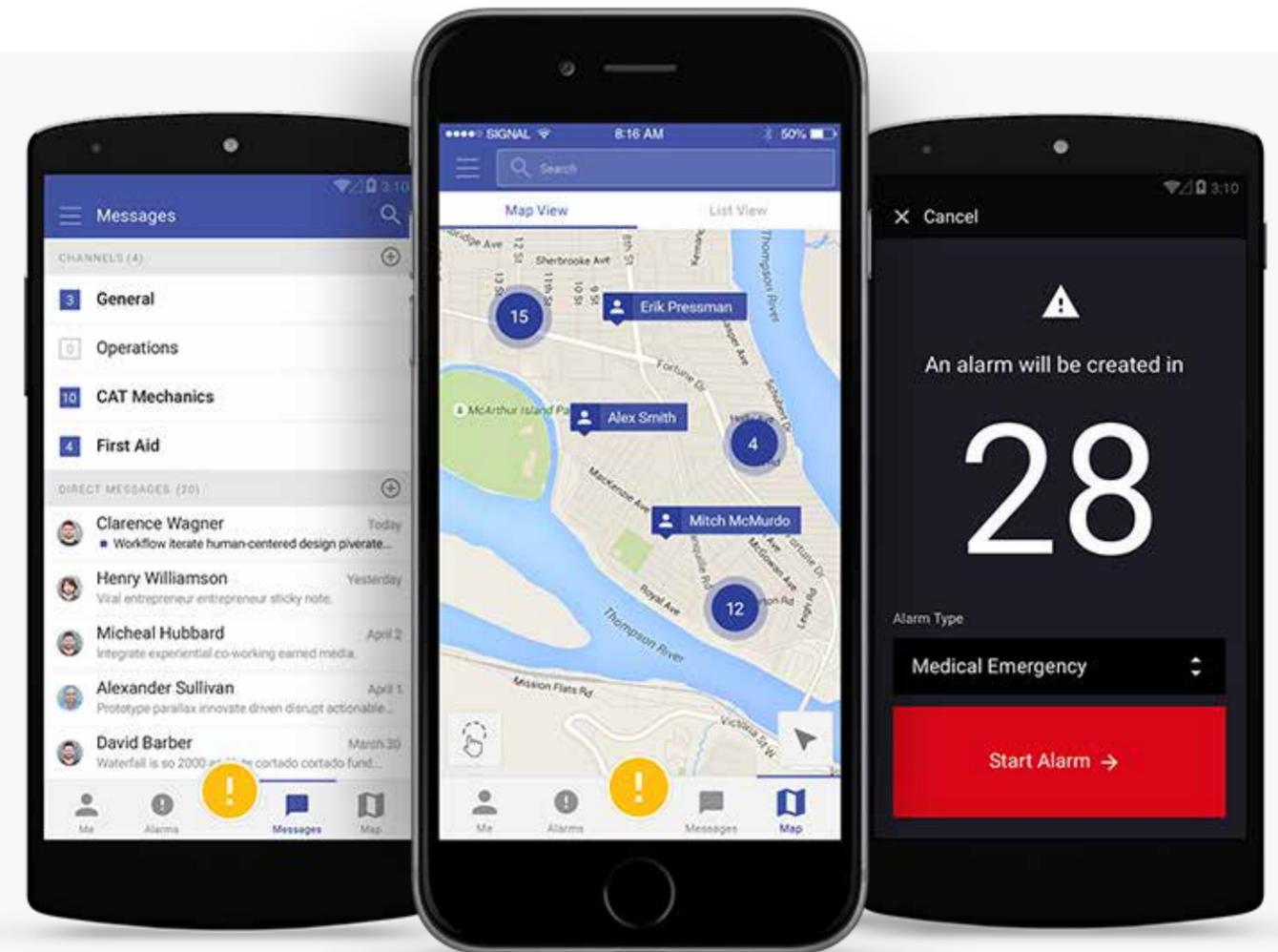
3



## Public & private maps.

Increase public engagement through mobile-compatible maps and reports showing current initiatives and providing an easy way for citizens to report broken infrastructure.

Works gives you a bird's eye view of everything on your worksite. A real-time view, combined with fast communication to any or all of your workers, helps you manage any worksite more efficiently.



Use case #2

# Generate summaries needed to support reporting & budgets.

Staff can query all information related to a particular asset by simply clicking on the map or defining an area of interest. Current and historic information related to physical assets such as maintenance, inspections, additions, and replacements can be viewed in full detail.

1



## Map based search.

Simple, map-based search is a fast and more intuitive way to access inspections and maintenance data, eliminating errors and delays introduced by ID-based queries.

2



## Better access to information.

Map-centric search inherently streamlines access to information for adjacent assets and other considerations such as land ownership, underground pipes, and zoning requirements.

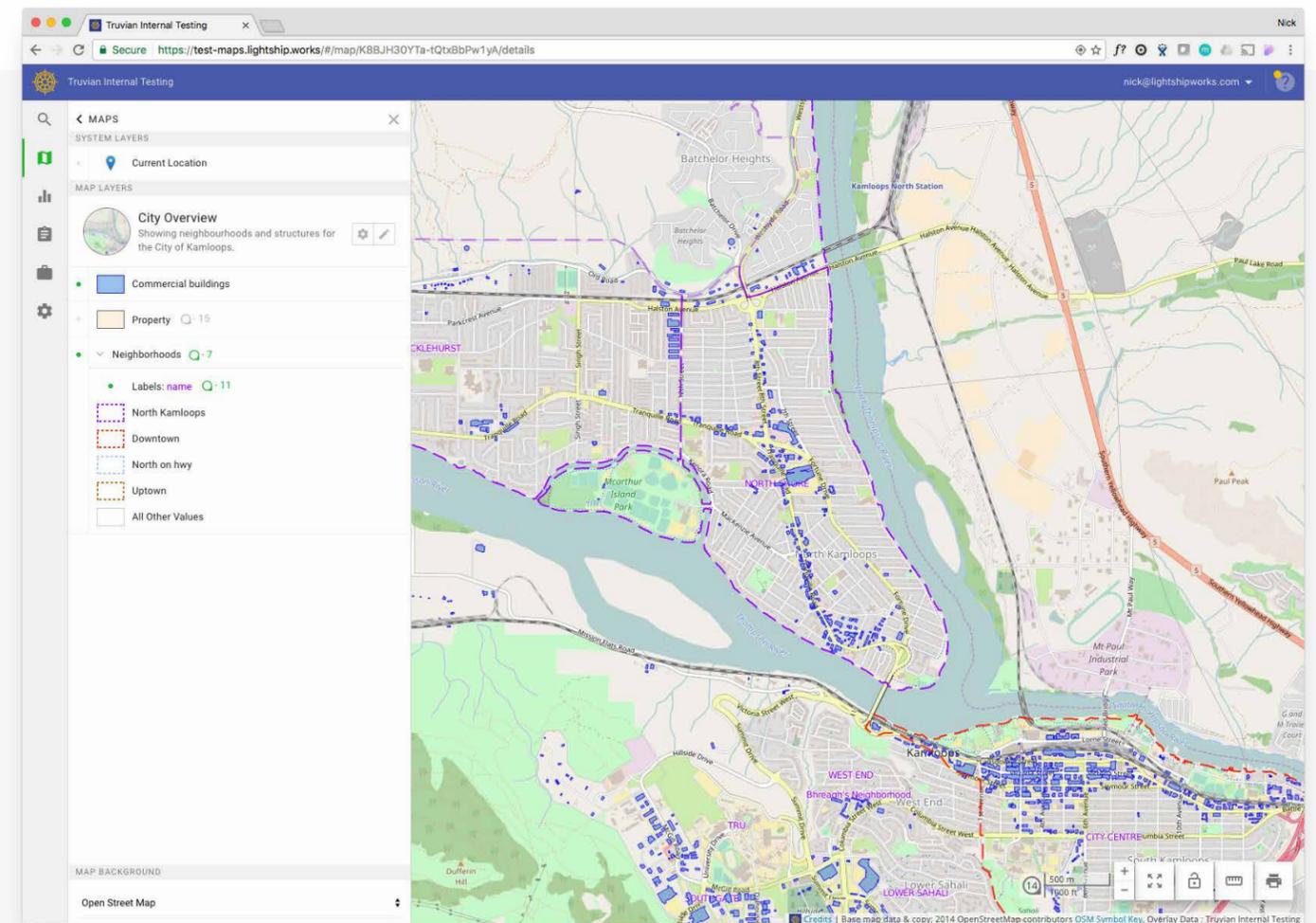
3



## Planning & budgeting.

Generate reports to aid in budgeting and planning for future asset replacement and maintenance needs. Reporting is a great way to convey progress to various stakeholders, such as council and the public.

Maps are a fantastic filing system, as they naturally organize information based on geography, making it easy to find what you need. With Lightship's projects, you can track events and documents, as well as assign tasks to specific locations or groups of geographic features.



Use case #3

# Analyze past asset failures to better plan for the future.

When breaks and other asset failures happen, a detailed record of events will help to analyze why the failure has occurred, and better plan for mitigation of breaks in the future. Lightship allows you to quickly pinpoint factors contributing to the failure that could otherwise go unnoticed.

1



## Save time.

Save time by inputting inspection and monitoring data once. Collecting data electronically straight from the field means the data entry step is completely eliminated.

2



## Analyze data.

Analyze data collected to get a better understanding of how to maximize the useful life of your assets. Planning for longevity can save the organization money and minimize emergency situations in the future.

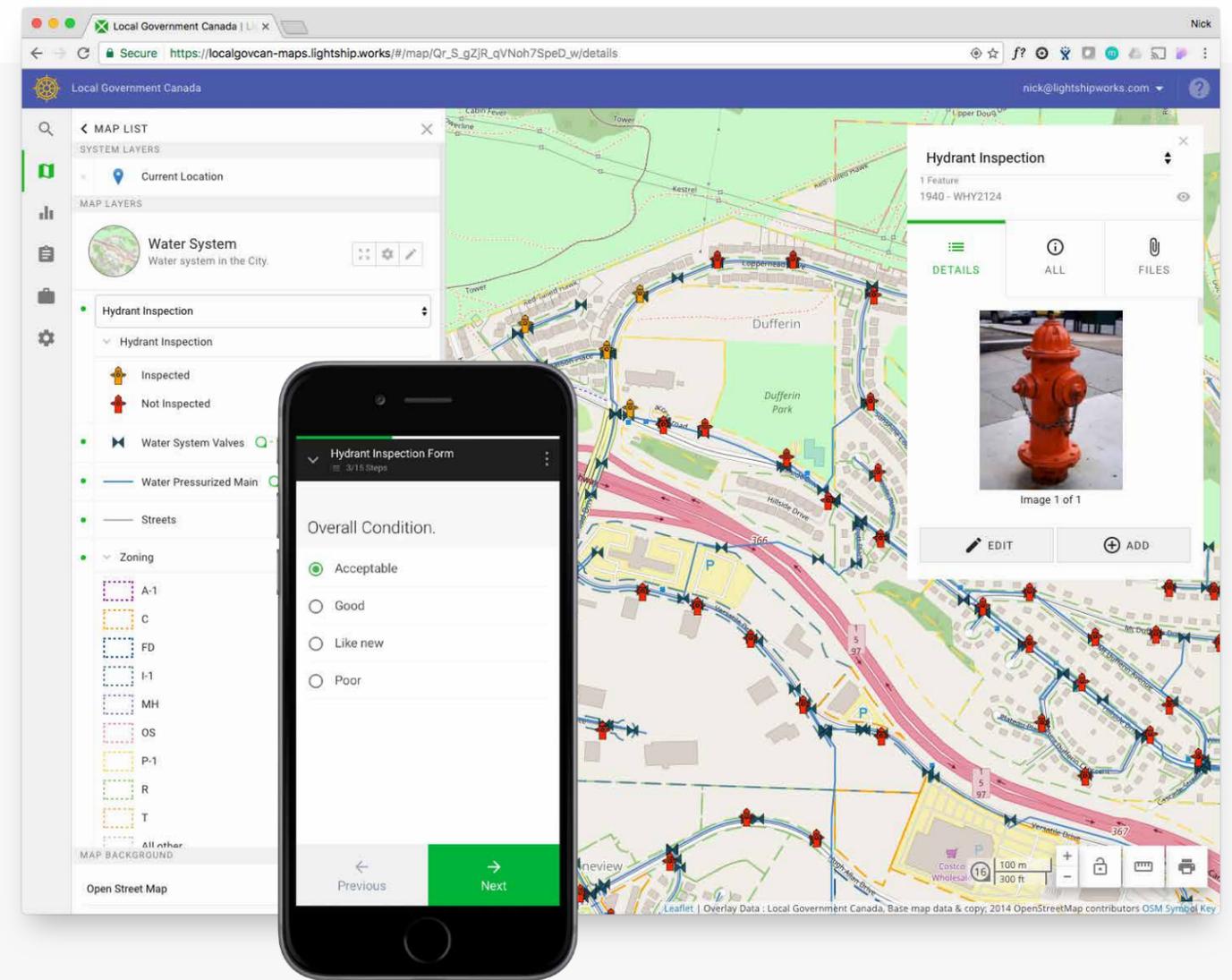
3



## Common operating picture.

If a major event occurs, Lightship provides a common operating picture, integrating damage assessments and data from multiple sources in the context of planning, response, and recovery efforts.

With Lightship Maps, effortlessly view all of your data. Organize information based on geographic relevance, making it easy to find any information you need. Use powerful custom reports to summarize complicated data based on any detail.





Ready to discuss  
your project?

**Let's start.**

---

[www.lightshipworks.com](http://www.lightshipworks.com)

