

Welcome to Mobile Mapping for North Saanich Fire Department

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North Saanich Fire Department

Motto: "Our family protecting your family."

- Background
- Overview of solution
- Demo



Background

- 11,000 residents; 500 calls / yr
- 37 sq km; large wildland interface
- 40 volunteer Fire Fighters; 4 staff
- Complex & lengthy (180 km) road network with many dead-ends; a mistake can cost precious time

- 8 marinas plus major ferry terminal



Background

- Hard-copy map books for trucks (540+ pages) are difficult & costly to maintain
- Data stored and updated in multiple locations
- Leverage current GIS data
- Ruggedized laptops are very expensive

Overview

Automated PDFs
Share
Data preparation
MS Access-SQL Server
Data Conversion
ArcGIS Geoprocessing
Integration
Synchronize

Overview

PDFs
FAST
affordable
iPad
Building
Flexible
disconnected
Aerial Photos
simplicity
Photos
Outlines
GIS
Hydrants
synchronization

Overview

GeoJSON



Key Features

Simple

Local access

Disconnected

Standardised

Pre fire plans

Fast

Specific design

Photos

Driving directions

Expandable

Demo



Q & A

Thanks

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