CASE STUDY

National Defence of Canada, NS, CAN

FORESEEING TOMORROW'S PROBLEMS
GUIDING EVERYDAY ANSWERS

" With increasing needs and limited budget, how much money should we spend on our infrastructure assets? "

How we optimized their infrastructure management

HIMA™

By integrating your water, wastewater and road networks together for a single repair/replace analysis using Harfan's Infrastructure Management Approach (HIMA™), you can achieve a saving of up to 35%.

"Since 1991, Harfan has developed highly specialized know-how in the fields of asset management and integrated decision support systems. "

– **Guy Doucet**
President and CEO
Harfan Technologies, Inc.

With the objective of rehabilitating the water, sewer, road and steam networks, the study consisted of producing a mid to long term Integrated Capital Improvement Plan (ICIP). Using Harfan's Infrastructure Management Approach (HIMA™), the Department of National Defense (DND) optimized the rehabilitation of their assets, extended their service life and reduced the costs of ownership.

DND gained from Harfan's proven methodology and software solution, fully taking advantage of Harfan's Integrated Decision Support System (IDSS™) to produce an Integrated Capital Improvement Plan.

The deliverables to the Department of National Defence of Canada included:

- Integrated planning of improvements and renewal of road, water, sewer and steam networks;
- Increasing DND's knowledge of the integrated condition of road, water, sewer, and steam networks based on physical, functional, related assets and socioeconomic analysis;
- Determining the short, medium and long term needs for infrastructure improvement;
- Knowing where, when, how and how much money to allocate on water, sewer, road and steam networks in order to maintain an adequate level of service.

HIMA™ enabled DND to strategically plan their asset repair & replace programs while taking into account specific technical, operational and budgetary considerations.

TYPE:
Naval Base

NETWORK MANAGED:
Water, Wastewater, Roads and Steam Loop

AREA STUDY:
Dockyard Area

This case study was done in partnership with:

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