

# Project Insights

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Real Stories of Value Creation using Exdocs

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## Visibility reduces congestion on public roads and improves public image

**Example:**

Operational efficiency improves quality and public image

**Project teams involved:**

Joint Venture Tibbitt to Contwoyto Ice Road (NWT)

**Result:**

Improved shared road scheduling results in increased utilization and public image



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better.

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## The Customer Environment

The Joint Venture, a consortium of three diamond mines in Canada's North, manages a shared ice road which is in operation about 60 days per year, depending on weather conditions and demand.

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## The Challenge

The road was managed with two way communication, spreadsheets, and emails. This loose system resulted in many conflicts with the local municipality; where trucks would back up on the access route and restrict local traffic flow, especially during peak demand periods. There were regular moratoriums and city lead road closures.

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## The Solution

With the benefit of Garner's software, carrier groups were assigned 20 minute slots for entry on to the road. Truck scheduling considers the weight of the vehicle and the product, the overall length of the unit, and the number of units making up a convoy.

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## The Results

Soon after implementation, it became clear to the carriers that the Garner solution improved productivity by helping them to plan and allocate resources better. In addition, from the mine's perspective, they were able plan receiving resources more efficiently because they could see what was enroute and could ensure that the proper receiving resources were available.

An unexpected benefit to using the road more efficiently was an immense improvement in community relations. Giving trucks a designated time slot eliminated the need for lining up to access the road. Traffic jams were eliminated and the ice road operated effectively and without historic conflicts.