Version 1.0

Revision History

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| **Date** | **Version** | **Description** | **Author** |
| 10/05/14 | 1.0 | Completed use case description. | Philip Kurowski |
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# Brief Description

The use case involves the user viewing a graphical representation of a miner’s current path in the map. As a miner has travelled through the mine’s tunnels, the server has received messages from the network coordinator that specified the end device tag connected to each router. The history of visited routers is drawn as a path on the screen.

# Participating actor

## User

The TMS system user.

# Entry conditions

## The user has loaded a map

The user has completed the LoadMap use case.

## The user has created the tag

There is at least one end device tag created that can be monitored.

## The miner / vehicle has connected to a router

The miner or vehicle to be tracked has connect to at least one router or else there is no path to display.

# Flow of Events

## Select a tag

* The user selects a tag from the tag list. This is the tag associated with the miner or vehicle that is to be displayed.

## Draw path

* Any paths on the map are cleared.
* Path data is loaded from the received messages and drawn on the screen.

# Exit Conditions

## Path shown on screen

The map area of the screen is populated with a set of lines connecting each router that represents the path that the miner is travelling.

# Quality requirements

## <Quality requirement one>