

Customer Story

# Improving journeys and driver safety across Derbyshire with Live Link



# About Derbyshire County Council

Derbyshire is a county of great geographical and social contrast with both heavily built-up areas and large, sparsely populated rural expanses, including the famous Peak District National Park. Unfortunately, these rural landscapes and areas of natural beauty mean adverse weather conditions and emergency incidents are more common.

Derbyshire County Council (DCC) is responsible for keeping the public safe on over 3,000 miles of carriageways and ensuring the network continues to run as smoothly as possible, even during extreme weather events. Traffic Manager James Adams and his team are key in ensuring the impact on the network is communicated with the road user in as timely a way as possible.



## The Challenge

Back in 2018, the “Beast from the East” hit Derbyshire with a tremendous amount of snow, forcing DCC to close many roads. With limited safe alternative routes in the area, this presented a real challenge for drivers trying to navigate the county and caused significant disruption.

A year later came the Whaley Bridge and Toddbrook Dam collapse. James and his colleagues were informed of the incident by the Emergency Planning team and called into action. The collapse meant that all roads in and around the valley had to be closed off to ensure public safety. Not only did these roads have to be closed, but these closures then had to be urgently communicated out to residents and the travelling public. At the time, this was an extremely difficult task and one of the biggest challenges was getting the closure information into navigation apps. While DCC, like many other councils, posts all road closures on its website and shares updates via Twitter, the Traffic team needed a way to communicate with drivers behind the wheel.

These weather events, alongside several floods in Derwent Valley and around the river Wye, prompted the Traffic Team to investigate a solution to help them tackle such emergencies.



## The Solution - Live Link

As existing **one.network** users, DCC adopted Live Link - our integrated road and lane closure solution - that pushes prioritised alerts to all leading navigation providers including Google, Waze, Apple Maps, Here Technologies and TomTom.

Live Link not only seamlessly works alongside the one.network Traffic Management module, but the intuitive Live Link app, designed specifically for teams out in the field, enables lanes and roads to be closed directly from the roadside.

Now, DCC use Live Link to close roads in all emergency situations - from floods, to fallen trees, to disruptive road collisions.

### Real-time onsite road and lane closure with the Live-Link app

The image illustrates the integration of the one.network platform with navigation apps. On the left, a desktop view of the one.network app shows a map of Elvaston with a red dashed line indicating a road closure on Ambaston Lane. A detailed popup for the closure includes:

- one.network** logo
- Map showing the closure location at Elvaston
- Menu icon, "Ambaston Lane", and location pin icon
- Calendar icon, "1 Oct - 31 Oct", and dropdown arrow
- Red banner: "Road closure - delays likely" with a close icon
- Emergency closure icon, "Ambaston Lane", left arrow, and right arrow
- Calendar icon, "22 Oct 16:08 - 23 Oct 11:35", "Derbyshire", and left arrow
- "Works Planning" button, location pin icon, and menu icon
- CAUSE** section: "22 Oct 15:08 - 23 Oct 22:59", "Flood", and right arrow
- INFORMATION FOR ROAD USERS** section:
  - Closure in force: "All the time"
  - Name: "Emergency Closure Ambaston Lane"
  - Description: "Flood - Emergency Road Closure - Ambaston Lane"
  - Date: "22 Oct 16:08 - 23 Oct 11:35"
  - Text: "Emergency access will be maintained at all times"

In the center, a mobile phone displays a "Road closure" alert for "Ambaston Road Derbyshire" with a "Close road" button. The alert includes:

- Time: "9:41", signal strength, Wi-Fi, and battery icons
- Back arrow, "Road closure", and "Discard" button
- Map showing the closure location
- Emergency closure icon, "ONGOING" with location pin, "Ambaston Road Derbyshire", and "Opens in 20 minutes" with right arrow
- "Mark as an emergency" and "Close road in both ways" with toggle switches
- Start Date: "22/10/23 - 15:08", Expected end date: "23/10/23 - 22:59"
- Red "Close road" button

At the bottom, a car dashboard shows a hand holding a smartphone displaying the closure on a map. The dashboard also features icons for Google Maps, Apple Maps, and TomTom, with red dashed lines connecting the closure information from the one.network app to these navigation systems.

Road information from the one.network platform sent straight to sat-nav apps and systems

If a vehicle crashes and it requires a lane or road to be closed, Derbyshire Police now contact the DCC control room where the team use Live Link to close the road, pushing this critical information to navigation providers in real-time. This means navigation apps have the chance to alert drivers to incidents and reroute them away. The result: increased visibility of closures on the road network, helping keep drivers and emergency responders across Derbyshire safe.

James Adams shared a recent example of where Live Link helped them manage a closure during a flood:

“Not too long ago, there was a flood in Tissington Ford. A car travelling through the area unfortunately was caught in the flood and unable to move. But now that we have **Live Link**, managing this situation was far easier than it would have been previously. We were able to simply close the road via the mobile app and this was instantly reflected on the navigation apps.”

**James Adams**  
Traffic Manager, Derbyshire County Council

**one.network** UK TM User

Ambaston Lane  
1 Oct - 31 Oct  
Road closure - delays likely

**Ambaston Lane**  
22 Oct 16:08 - 23 Oct 11:35  
Derbyshire

Works Planning

**TRAFFIC RESTRICTIONS**  
22 Oct 15:08 - 23 Oct 22:59  
Closed in both directions

**INFORMATION FOR ROAD USERS**

Name  
Emergency Road Closure - Amberston Lane

Description  
Emergency Road Closure - Closed in both directions

Date  
22 Oct 16:08 - 23 Oct 11:35

**RESPONSIBILITY FOR THIS ROAD EVENT**  
Derbyshire

**DERBYSHIRE**  
County Council




Road information sent straight to sat-nav apps and systems

Live Link also proved particularly useful throughout the recent ravages of Storm Babet in October 2023, where much of the Derbyshire network was impassable.

Being able to close and re-open roads via Live Link has been transformative for DCC, giving them the power to influence driver behaviour, helping drivers to navigate around the county easily.

Live Link is just one method Derbyshire use to communicate their closures and street works. The council is now also working with councillors, getting them trained to use one.network and its email alert functionality to keep constituents up to date about all road events in their area.

### Key outcomes for Flintshire County Council:

-  **Improved ability to quickly action road and lane closures**  
when incidents or extreme events occur.
-  **Enhanced visibility of road closures across Derbyshire**  
helping keep drivers and emergency responders safe.
-  **Increased influence on driver behaviour**  
with the power to issue instant critical road closure updates to major navigation apps.

For further insight into how **one.network** & **Live Link** can help you keep drivers safe & improve journeys on your network

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