

Transforming emergency response reports to
boost efficiency:



Devon and Somerset Fire & Rescue Service leads the way with FME

Case Study: Devon and Somerset Fire and Rescue Service



DEVON & SOMERSET
FIRE & RESCUE SERVICE

“By applying fresh thinking to FME, Devon and Somerset Fire and Rescue has developed an efficiency-boosting blueprint that others can follow. As the organisation continues on its digital transformation journey, the lessons learnt will prove invaluable in delivering further benefits.”

- David Eagle, FME Division Manager, 1Spatial

Industry

Government

Customer

Devon and Somerset Fire and Rescue Service

Challenge

Large scale digital transformation project to unlock the value of their data

Solution

Using FME to automate and integrate data, keeping datasets synchronised and removing need for manual involvement

Key Benefits:

- Improves efficiency by removing the need for any manual involvement.
- Ensures consistency and quality of data within this collaboration project.
- Reduces risk of errors being introduced into the data.
- Enhances accountability, transparency and visibility of partnership members.
- Improves data governance.
- Demonstrates value and effectiveness of emergency response to Covid-19.



Devon and Somerset Fire and Rescue Service

“The data and information we hold is one of our most valuable assets which, if stored, managed and analysed correctly, can be used to transform the way we keep everyone safe in the South West. By automating and integrating our operational data using FME, we have provided a solution that benefits both the Fire Service and the South West Ambulance Service (SWAST), whom we are supporting as part of the pandemic response.”

- Josh Warren, Data Developer, Devon and Somerset Fire & Rescue Service

New automated processes developed by Devon and Somerset Fire and Rescue Service (DSFRS) have significantly improved the efficiency, accuracy and timeliness of recording information on the ambulance driver support during Covid-19 which:

- Contributes to and supports organisational digital transformation.
- Enables migration of data from siloes to a centralised data location.
- Gains buy-in by demonstrating value in a visual, intuitive way that does not require technical expertise.
- Provides a low-code platform for data transformation scheduling.
- Inspires organisation to consider what is possible through new ways of working.

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Challenge

Devon and Somerset Fire and Rescue Service is the largest non-metropolitan fire and rescue service in England with 83 fire stations and more than 1,800 employees.

As part of its large-scale digital transformation, DSFRS is unlocking the value of its data to enable data driven decision making that ensures it continues to keep its staff and public safe.

Benefits

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Accurately recording information of how they are supporting the ambulance service is vital for monitoring performance and reporting to stakeholders, particularly during increased demand during Covid-19. After each shift, the driver must provide details such as the incident's category, whether it included attending a Nightingale hospital and the personnel involved.

For a complete regional operational picture, information must be collected and collated across the SWAST area. The original, manual, system relied upon crew members cutting and pasting details into an Excel spreadsheet and then emailing it for inclusion into the regional report. This was not only cumbersome and time-consuming, but also had the potential to introduce errors.



The Solution

DSFRS implemented a new process that uses FME to automate and integrate their data, building on the workflow previously deployed. By configuring their FME Server to receive, read and scan the individual emails and extract the pertinent information to the centrally-stored database, the time taken to integrate the data into a region-wide report has been significantly reduced.

The solution has demonstrated how FME can support the digital transformation project by automating processes used elsewhere in the organisation. By moving from data siloes to a centralised data repository, DSFRS is keeping datasets synchronised and up to date.

1Spatial have supplied components from the FME Platform to DSFRS since 2019, and have also provided the team with the complete range of formal FME Desktop and Server training classes. In addition, it has supplied services to deploy FME Server for high availability and resilience, and technical support to ensure the day-to-day support needed to keep their data flowing freely between systems.



To find out more, please contact fme@1spatial.com

