

NODE4

From Risk Information to Real-Time Readiness

How Fire & Rescue Services can modernise operational planning, improve data quality and strengthen frontline readiness with Microsoft technology

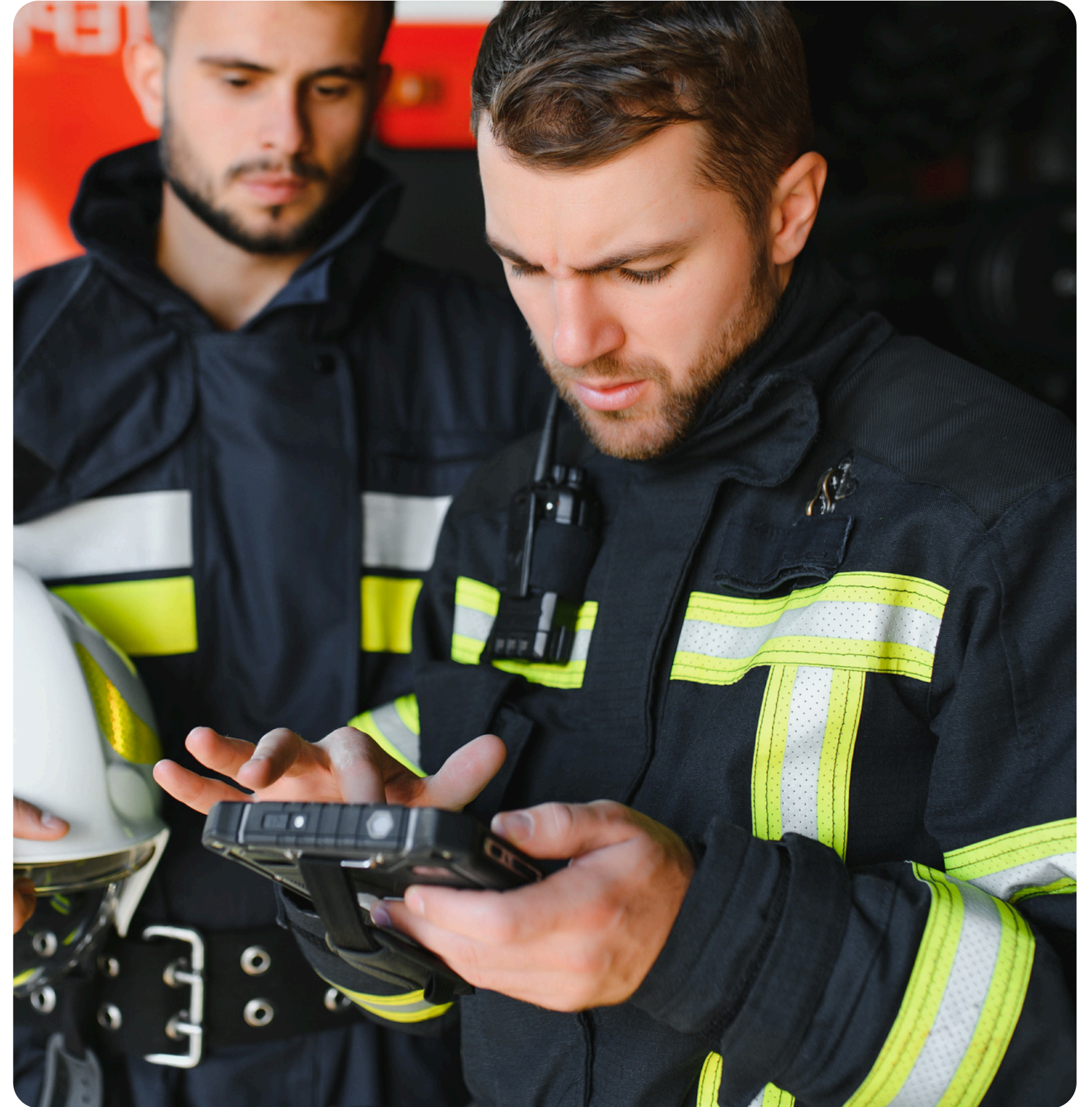


Readiness Starts with Information

Fire & Rescue Services are under increasing pressure to maintain accurate operational risk information and deliver more with constrained resources. At the same time, critical information often remains spread across multiple systems, documents and manual processes, making it harder to keep data current and accessible when it's needed most.

We understand that modernisation in fire and rescue services needs to shape, capture and surface trusted up to date information, enabling teams to make faster decisions, collaborate better and improve operational readiness.

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Reality Check: What's Holding Services Back?

Many Fire & Rescue Services have made significant progress with digital transformation, but challenges remain.

Paper-heavy processes

Site inspections, assessments and operational risk information are often still dependent on spreadsheets, documents, emails and manual administration, creating delays and duplication.

Fragmented data

Critical information relating to premises, inspections, hydrants, risks and operational planning is frequently stored across multiple systems, making it difficult to establish a single source of truth.

Limited visibility

Without connected data, operational planners, prevention teams, protection teams, and incident commanders can struggle to access the same current information

Growing demands

Services are expected to continuously improve efficiency, reporting, governance and measure operational performance whilst operating within tight budget and resource constraints.

Legacy technology

Ageing systems can create operational, security and supportability challenges, limiting innovation and increasing administrative burden.

Why Now?

Recent inspection frameworks continue to place greater emphasis on how services manage information, support decision-making as well as deliver and develop continuous improvement.

At the same time, lessons from major incidents such as Grenfell and the Manchester Arena Inquiry have reinforced the importance of accurate, accessible and timely information. Whether responding to an incident, updating operational risk information or coordinating across agencies, services need confidence that critical data can be accessed, shared and acted upon when it matters most.

As expectations around performance, preparedness and collaboration continue to evolve, many Fire & Rescue Services are reviewing how technology can help reduce administrative burdens, improve data quality and strengthen operational readiness.

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Transforming Information Management with Node4 and Microsoft

Node4 helps Fire & Rescue Services modernise critical processes using the Microsoft ecosystem, creating a secure and scalable foundation for operational readiness.

Modernise inspections and risk information

Capture Site Specific Risk Information (SSRI), inspections and operational updates digitally through mobile-first applications that work wherever teams operate.

Create a single source of truth

Unify operational, inspection and premises data within Microsoft Dataverse, improving consistency, visibility and governance across the organisation.

Improve operational efficiency

Automate approvals, notifications and workflows using Microsoft Power Platform, reducing manual administration and accelerating information flow.

Strengthen collaboration

Capture Site Specific Risk Information (SSRI), inspections and operational updates digitally through mobile-first applications that work wherever teams operate.

Build foundations for future innovation

Create a future-ready platform that can support advanced reporting, analytics, AI and Copilot capabilities as organisational needs evolve.

Built on the Microsoft Platform



Proof in Practice: East Sussex Fire & Rescue Service

East Sussex Fire & Rescue Service relied on paper-based processes and manual updates to manage Site-Specific Risk Information (SSRI). Critical operational information could take up to seven days to reach the teams that needed it.

The Solution: Working with Node4, ESFRS implemented a Microsoft-based solution to digitise risk information capture, automate workflows, and create a single source of truth for operational data.

The Result: 7 Days → 5 Minutes With Node4, the time taken to update Site-Specific Risk Information reduced from up to seven days to approximately five minutes. This enables:

- ✓ Faster access to critical risk information.
- ✓ Improved data quality and consistency.
- ✓ Greater operational readiness.



East Sussex
Fire & Rescue Service

Why Node4?

- ✓ Proven partner to UK public sector.
- ✓ End-to-end Microsoft expertise across Azure, Data, AI, Security, Dynamics 365 and Power Platform.
- ✓ Secure, scalable solutions built for operational environments.
- ✓ Flexible support from strategy and advisory through to delivery and managed services.
- ✓ Focused on improving readiness, efficiency and operational outcomes.



NODE4

AI Business Solutions

Cloud & AI Platforms

Networks & Security

Managed Services

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