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(57) Abstract :
The present invention discloses an AI-based framework for smart emergency response systems that integrates a central command module (101), predictive analytics engine (102), automated communication interface (103), visualization dashboard (104), and field responder network (105). The system leverages real-time data streams from IoT devices, drones, and social platforms to generate predictive insights, synchronize emergency services, and optimize resource deployment. By employing scalable cloud infrastructure (106) and ensuring interoperability, the invention provides a comprehensive, adaptable, and intelligent solution for enhancing emergency management effectiveness and safeguarding public safety.

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