

Current infrastructure inspection methods are costly, slow, error-prone, and often miss hidden issues, leading to safety risks and expensive repairs. Civix addresses these challenges by using drones to capture footage, which is then automatically converted into 3D models via AI-powered algorithms. This allows for fast, in-depth analysis of infrastructure and its surroundings, providing real-time visual solutions. Civix offers a faster, more accurate, and cost-effective alternative to traditional methods, proactively identifying safety issues before they become risks. Its unique combination of AI and 3D modeling delivers optimal solutions impacting both human life and the environment. The platform employs video processing, AI data analysis, and 3D modeling software to provide solutions that lower costs, improve inspection efficiency, reduce accidents, and prioritize cost-effectiveness while focusing on human well-being.