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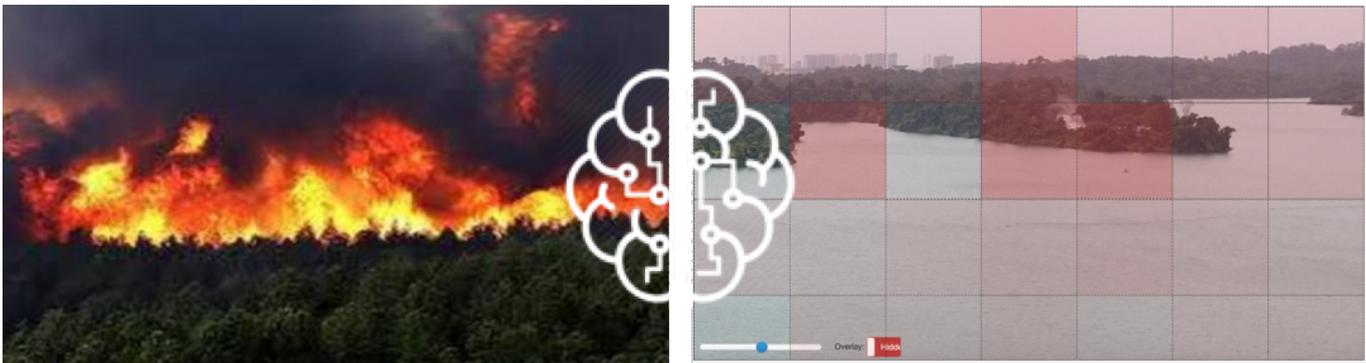
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Press Release

Singapore's NPARKS & H3 Zoom Test New Forest Fire Detection Tool Using A.I. & Automated Drones

Singapore - July 29, 2018: [H3 Zoom Pte Ltd](#), a subsidiary of [H3 Dynamics Holdings Pte Ltd](#), announces the successful completion of first tests applying artificial intelligence and automated camera drones to detect forest fire and smoke.



Combined with a network of smart surveillance camera systems, the new capability could further improve response speed and capability to [Singapore's National Parks Board \(NPARKS\)](#), with a view to help fight forest fires around the world. Large-scale forest fires are currently affecting millions of acres across [California](#), [Sweden](#), and [Greece](#), causing dramatic loss of life as well as severe environmental damage.

NPARKS' fire detection project was unveiled at the International Federation of Landscape Architects World Congress (IFLA) on 18 July 2018 in Singapore, as part of a broader 5 year digitization masterplan.

H3 Zoom.AI has meanwhile recently announced an [A.I. solution dedicated to high-rise inspections](#) in support of maintenance scale-up in Smart Cities of the future. Its team will soon be adding more services to its cloud platform.

H3 Zoom has been working over the past months with NPARKS to address Singapore's digital ambitions in nature conservation. Its system addresses various large-scale monitoring challenges posed by today's infrastructure. Forest Fire detection would be one of the first use cases to combine an A.I. capability with its [automated drone system](#) designed by its sister company under H3 Dynamics.

In conjunction with its nature conservation initiative and coordinated by Abishek Tandon, NPARKS Deputy Director of IT, NPARKS is currently testing a prototype system capable of detecting forest fires and automatically activating a drone to provide real-time information to an operations center. Such automated detection systems will help mitigate risks and augment patrolling activities across nature reserves, while allowing rapid deployment of fire-fighting resources.

Nature reserve officers will soon be able to capture images for analytics, identify the exact locations of forest fire, monitor situations through live-stream videos, and quickly deploy resources to the correct locations. It is an easier, faster, and more accurate way to handle and mitigate various risks and disasters that could occur.

H3 Dynamics Holdings Pte. Ltd. <http://www.h3dynamics.com/>

H3 Dynamics, parent company of H3 Zoom.AI, is a holding company with businesses that combine cloud-based artificial intelligence / machine-learning data services with internet-connected, automated inspection & monitoring robots and drones so that data collection in the field, data transfer and data processing can be fully automated end-to-end. H3 Dynamics is a Singaporean company with a European subsidiary in Paris France, a US subsidiary in Austin Texas, as well as representation in Japan and Brazil.

H3 Zoom Pte. Ltd. <http://www.h3zoom.ai/>

H3 Zoom is a cloud based and AI-powered digital services platform that addresses specific infrastructure maintenance and monitoring needs across several sectors of industry. The platform will feature a range of digital subscription services that feature automated anomaly reporting systems based on visual, thermal or chemical sensor inputs gathered by drones and a variety of other remotely operated robots, including but not limited to aerial drones.