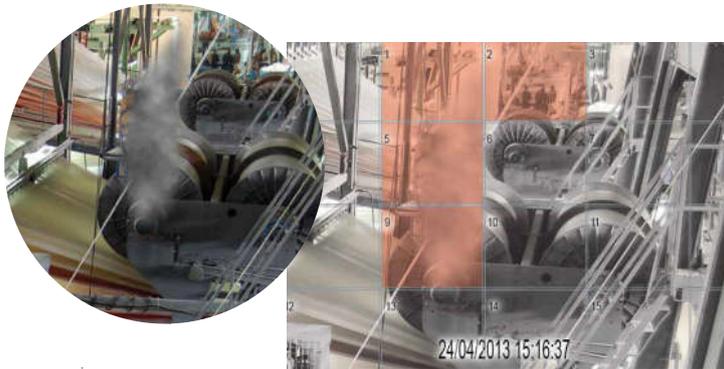


# FireVu

**Expert provider of customised early warning fire detection solutions**

## What is FireVu?

FireVu is a visual fire detection system developed by NetVu Ltd, pioneers in CCTV surveillance and detection systems for over 35 years. FireVu provides very early visual detection of smoke, flame and heat; together with situational awareness to enable remedial decisions to be made quickly.



## How does it work?

Sophisticated analytical software analyses video images from the FireVu camera or 'detector' to identify the presence of smoke, flame and heat at source providing fast, accurate very early warning. Through segmentation of the field of view, FireVu can potentially be used to identify the origin point of the fire, significantly aiding efforts to extinguish the threat. While highly sensitive calibration features minimises the risk of false alarms.

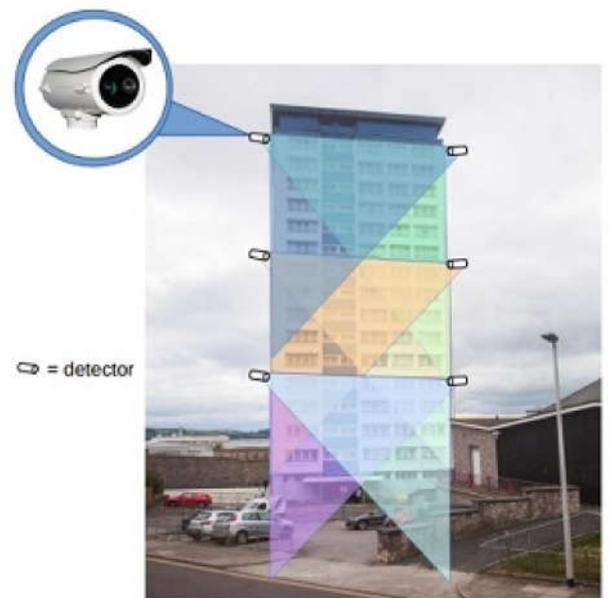
## Why is FireVu ideal for use on High Rise Buildings?

While most fire detection systems struggle to work in open air environments, FireVu excels because it applies sophisticated, patented visual detection technology instead of having to rely on physical contact.

And due to the wide angle of the visual field, each FireVu detector can provide coverage of a large area. As the image to the right shows, a substantial high rise building can be completely covered by a small number of FireVu detectors.

Further to this, the FireVu system is running 24/7, providing uninterrupted, reliable coverage. It generates alarms when flame is detected. The alarms can be received by the FACP, existing CCTV network, control room or remote/mobile user. This enables visual review and appropriate action to be taken.

FireVu can be implemented quickly, which means it can be a solution to the challenge of providing reliable, early fire warning both inside and outside high rise buildings now.



**Multiple detectors, 6 in this case, overlap to create 100% coverage.**



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**NetVu**

**DEDICATED MICROS**

## Why is FireVu industry leading?

FireVu delivers a unique combination of features simply not available from any other product on the market. FireVu's unique combination of features includes:

- Can 'see' flame and signal alarm in seconds \*
- Works outside and in large voluminous spaces
- Unaffected by airflow or stratification
- Thermal detection\*\* with two thresholds to detect heat build up
- Secure and low maintenance connectivity using NetVu Closed IP
- Situational awareness via FireVu annunciator and NetVu ObserVer

\* within recommended field of view, \*\*Multi-Detector version

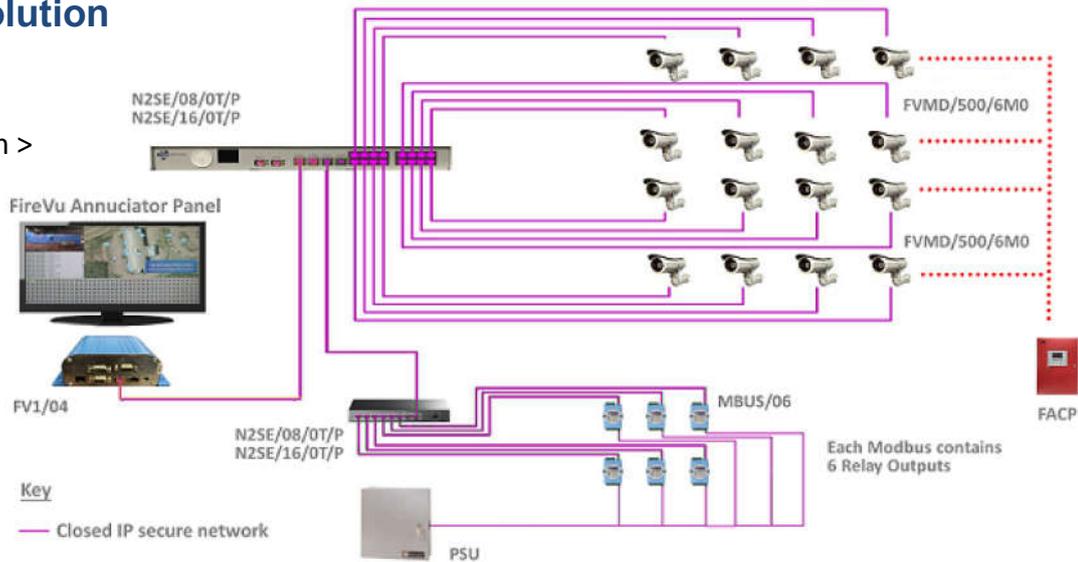


## How does it provide very early warning?

FireVu quickly detects the emergence of fire with its patented visual analytic which correlates the colour and intensity of flame in accordance with the properties of a "black body emitter" that strictly conform to the Plank's locus determination. It doesn't have to wait for physical contact between the smoke, heat or fire resulting in a fast reaction. Alarm handling features deliver video events and situational awareness to any authorised responder.

## The FireVu Solution

Example Configuration >



## Applications

FireVu has successfully been used to protect assets in a wide cross-section of industries including: high value property, petrochemicals, manufacturing and food processing plants, air hangars, tunnels, recycling and waste management sites. It is also ideal for implementation in high rise residential buildings, schools, council facilities, commercial buildings and warehouses.

## About NetVu Ltd

NetVu draws upon a legacy of 35 years of expertise in the video surveillance and detection industry. NetVu is headquartered in Northwich, England and has offices in the USA, operating under the Dedicated Micros name.

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GB Patent No. GB2535409  
Europe Patent No. EP3080788  
US Patent No. US9530074B2