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 accurately 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.

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 to the source. NetVu's alarm handling features deliver video events and situational awareness to any authorised responder.

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
The FireVu Solution

NetVu ObserVer

NetVu ObserVer video management software allows users to seamlessly view distributed images from any NetVu Connected product, such as FireVu. Whether working on routine tasks or responding to a critical situation, NetVu ObserVer gives up-to-the-minute access control and video information.

Industries Served

FireVu has successfully been used to protect demanding industries including: high value property, petrochemicals facilities, manufacturing and food processing plants, air hangars, tunnels, recycling and waste management sites.

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; has offices in the USA, operating under the Dedicated Micros name, and an in-house manufacturing facility in Malta.

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