

## What are the hazards of Dust?

Dust concentration exceeding the standard will cause explosions, environmental pollution, and induce a variety of human diseases. Dust less than 5µm, easy to penetrate the lungs, cause toxic pneumonia or silicosis, lung cancer, dust particle diameter below 200 µm, when the dispersion is large, floating in the air, fast heat absorption, easy to catch fire.

## Where is Dust monitoring required?



In closed production workshops such as coal mines, coal plants, thermal power plants, metal processing, synthetic materials, textile chemical fibers, food and agricultural and sideline products processing and feed, the longer Dust is suspended in the air, the more oxygen adsorption and the greater the explosion risk. Therefore, in these industries, the safety requirements for Dust concentration detectors are higher.

## SiMSiN is more than just a product manufacturer, We are industrial system supporter



SiMSiN

Technical Service



SiMSiN

Product Service



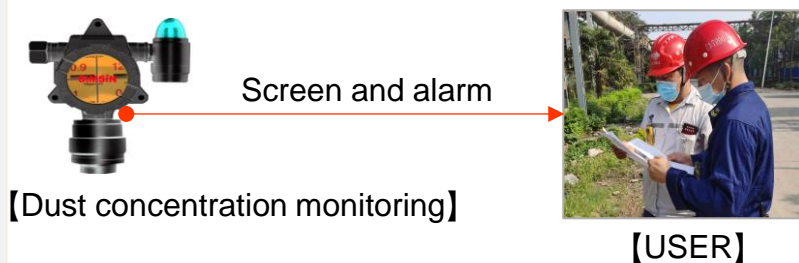
SiMSiN

Solution Service

## How to achieve Dust concentration monitoring?

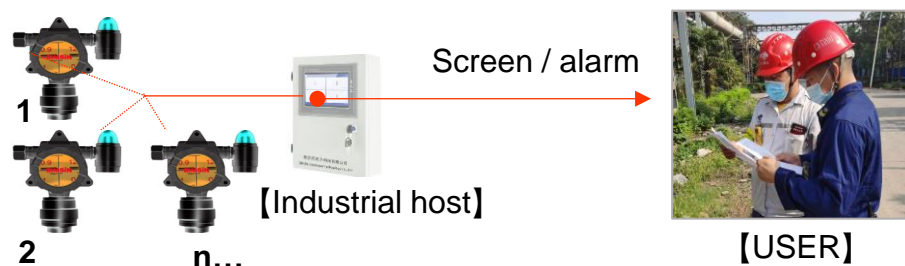
Install explosion-proof Dust concentration detection terminal, collect on-site Dust concentration, explosion-proof industrial monitoring host to collect and manage Dust concentration values in different areas, achieve regional centralized monitoring and management, unified monitoring data transmission through the network environmental monitoring management platform, form real-time data reports, and timely remind gas concentration exceeding the alarm. Provide convenient information management tools for security managers.

1 Monitoring terminal



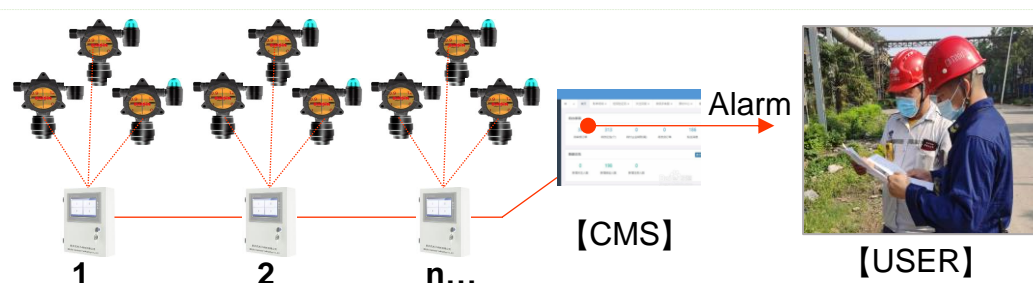
★ Applicable object: less than 10 monitoring points, monitoring area is less than 200 square meters, monitoring distance is less than 100 meters

2 Monitoring terminal + industrial monitoring host



★ Applicable objects: more than 10 monitoring points, monitoring area greater than 2000 square meters, monitoring distance greater than 200 meters

3 Monitoring terminal + host + platform



★ Applicable objects: more than 100 monitoring points, monitoring distance greater than 2 km, monitoring area greater than 200,000

## Why choose us?

### 1. Industrial grade products

Products are designed according to industrial standards, explosion-proof metal shell, dustproof, waterproof, corrosion resistance, adapt to harsh installation environment, high measurement accuracy, small error, support 24 hours uninterrupted measurement, from the terminal, to the host, and then to the monitoring platform full range of products

### 2. 1000+ project cases

Since the launch of the product, it has been applied to more than 1000 project cases such as petroleum, chemical industry and coal, and the quality level is far higher than that of the same industry.

### 3. 15 years of industry experience and provided complete industrial safety and environmental solutions

## More information.....

