

**SIEMENS**



# Long-term safety through cleanliness

Clever Detector Revision for fire protection

Answers for infrastructure.

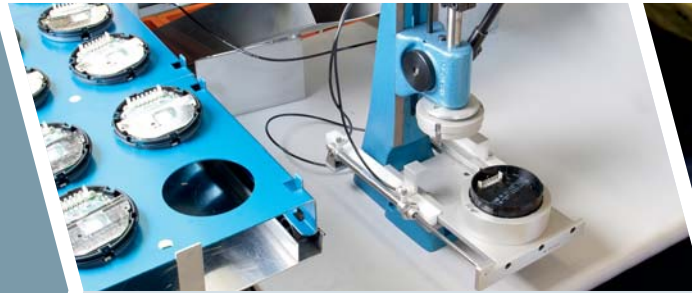


## Detector Revision – because detectors don't stay clean forever

Fire is a constant threat for people and assets in your company. Of course, you are completely aware of this fact because you have already put your trust in a fire detection system from Siemens. And this is the best guarantee that fires are detected and reported reliably and in time.

To keep the reliability of your fire detection at a consistently high level for a long time, despite dust and micro-particles in the air, we have developed Detector Revision for you. This service prolongs the life cycle of your detectors. And it ensures that the detectors stay as good as new – in any environment, from relatively clean offices to industrial applications with a high level of pollution.

## Certified Detector Revision process



### Disassembly

- Disassembly and disposal of defective parts

### Cleaning of components

- Basic module is cleaned in a special vacuum chamber
- All other parts are cleaned in an ultrasonic cleaning tank

# The revision offer

## Expert revision by Siemens

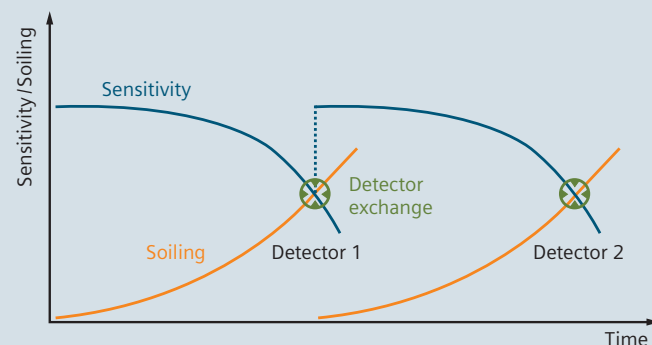
Siemens offers you a safe, cost-effective and ecological solution: Detector Revision. At precisely the right time, our technician replaces your soiled detectors with revised detectors of the same type. The soiled detectors go to one of our in-house repair and revision sites. There, they will be disassembled, cleaned and checked. Any defective parts will be replaced. Then, all detectors will be reassembled and subjected to a final test before leaving the factory. The revised detectors now have the same detection reliability as new detectors.

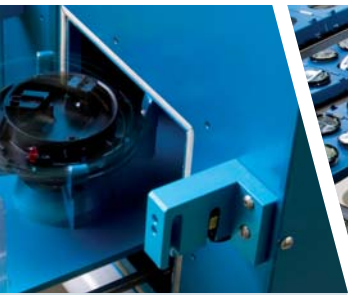
Our specialized employees are responsible for the quality of the detectors – and this is documented in accordance with ISO 9000. Therefore, each detector also receives the CE seal of approval and our usual warranty. In addition, the Detector Revision process is certified according to ISO 14000 and thus fulfills all the requirements of reliable environmental management.

## Highlights

- Same warranty after revision as for new detectors
- Complies with the norm EN 54 as well as relevant standards and regulations
- Cost savings compared to buying new detectors
- Environmentally friendly, as 90% of components can be reused
- Uninterrupted fire protection, even during detector exchange

Soiled detectors are neither as reliable nor as precise as usual.





### Components

– Cleaned with compressed air  
 – Washed in an ultrasonic device  
 – Washed in an ultrasonic device



### Testing & calibration

- 100% testing of every detector to ensure range of sensitivity and alarm activation
- Calibration



### Labeling & packing

- After reassembly and final testing: CE label is placed on every detector and the detectors are packed individually

# Staying predictably safe



Quality and reliability are the preferences of our world today – both are synonymous with Siemens. Advantage™ Services provides a comprehensive service program for your building's infrastructure covering building automation, fire safety and security. These services are designed to enhance performance, deliver protection and create real value over the entire life cycle of your facility, thereby allowing you to concentrate on your core business.

# Staying safe predictably

## Influence of the environment

Detectors are essential components of your fire detection system and detect extremely reliably, even in harsh environments. In their functioning, they are constantly subjected to air in rooms and thus get soiled over time – and not only in fabrication rooms or dusty warehouses, but also in apparently clean offices and conference rooms. The detectors might look clean from the outside: When you open them up, however, the reality can be rather different.

## Risks with severe consequences

Even the best and most modern detector is less reliable and precise when it is soiled. This increases the risk of false alarms and thus of unplanned, costly work interruptions, annoyed employees and unnecessary deployments of the fire brigade. Moreover, it can weaken the good reputation of your company. In the worst case, the system will trigger an alarm too late – with possibly severe consequences for the people and assets in your company.

## Simply staying on the safe side

This is exactly where Detector Revision from Siemens starts – a service offering that you can easily book with us. Within its framework, we check and renew your detectors on a regular basis so that your fire detection is just as reliable after many years as on the first day.

The intervals within which your detectors will be replaced depend on the individual environmental conditions.

## A contract, just in case

In order to profit fully from Detector Revision from Siemens, it is best to purchase a service agreement from us: If your service agreement includes Detector Revision, you benefit from predictable costs. This gives you peace of mind knowing that your equipment is in the right hands, your investment is secured by a high-quality service and your employees, customers and assets are optimally protected.

## Why should you consider a Detector Revision?

- A proactive detector exchange prevents costly false alarms or even a fire.
- You can be sure that you have optimized detection quality.
- A revision extends the life cycle of your detectors.

For answers to all your questions and information about how to proceed, please contact your fire safety expert at Siemens.

## Highlights

- Consistently reliable protection of employees, customers and processes
- Higher business continuity through constant safety from false alarms
- Foreseeable costs, thanks to contractual agreement
- Investment protection, due to prolonged life cycle of your detectors
- Peace of mind through competent, regular control and Detector Revision



On the left:  
soiled detector  
On the right:  
revised detector

Siemens Switzerland Ltd  
Infrastructure & Cities Sector  
Building Technologies Division  
International Headquarters  
Gubelstrasse 22  
6301 Zug  
Switzerland  
Tel +41 41 724 24 24

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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#### **Answers for infrastructure.**

Our world is undergoing changes that force us to think in new ways: demographic change, urbanization, global warming and resource shortages. Maximum efficiency has top priority – and not only where energy is concerned. In addition, we need to increase comfort for the well-being of users. Also, our need for safety and security is constantly

growing. For our customers, success is defined by how well they manage these challenges. Siemens has the answers.

**“We are the preferred partner for energy-efficient, safe and secure buildings and infrastructure.”**