



DATA CENTER

AUTOMOTIVE

SERVERS & STORAGE

AIOT

EMBEDDED

PROFESSIONAL

SMART BUILDING

## Installation details

- Location:** MiTAC Holdings Corp. (Kunshan)  
www.mitac.com
- Model/Area:** **1 x S500, 7 x S250** were installed to treat air conditioning systems  
**2 x S50, 4 x S25, 10 x S10** were installed to treat hot water systems (boilers) in the dormitory
- Problems:**
1. Air-conditioning systems had serious scaling problems, and the heat exchange efficiency had been reduced.
  2. The silica on the cooling tower surface was difficult to remove and the maintenance cost was too high.
  3. The inside pipelines were rusted and it was not possible to use too much chemical.
  4. The hot water flow in the dormitory was low, and the water was often yellow.
- Installed by:** Xinriyuan Company



Vulcan was installed to treat the air conditioning systems.

## Vulcan effect in the factory - before and after

Cooling tower fills: the silica ( $\text{SiO}_2$ ) which was usually accumulated in the fins has disappeared; the energy consumption of the air conditioning systems and the cleaning effort have been reduced.



Without treatment



After 6 months

## Vulcan effect in the dormitory - before and after

### Pump



Before



After 6 months

### Valve



Before



After 6 months

Cooling tower valve: large amount of sludge and scale have been gradually reduced.



Without treatment



After 9 months

### Filter



Before



After 6 months

Pipe fittings in the office: they were seriously corroded, now the rust and mud on the inner wall have gradually disappeared.



Without treatment



After 6 months



After 9 months