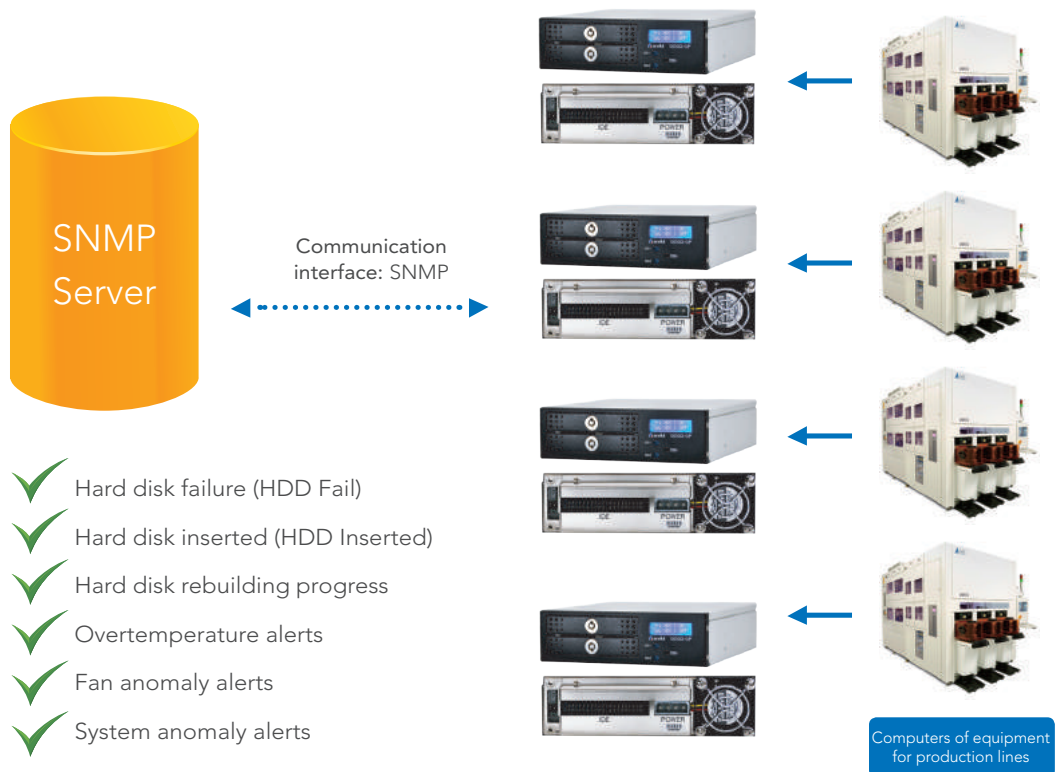## Accordance
## Production Data Transfer & Backup Solutions

### Data Transfer & backup system

| | |
|---|---|
| **Application:** | Old computers of machines for equipment (SATA, IDE, and SCSI interfaces) |
| **Current Challenges:** | Poor hard disk availability It's difficult to purchase hard disks of IDE and SCSI interfaces. It's troublesome to backup manually. The failure of hard disks causes machines for production lines out of work. |

### Data Transfer & Backup System
### The framework diagram



SNMP Server

Communication interface: SNMP

✔ Hard disk failure (HDD Fail)

✔ Hard disk inserted (HDD Inserted)

✔ Hard disk rebuilding progress

✔ Overtemperature alerts

✔ Fan anomaly alerts

✔ System anomaly alerts

Computers of equipment for production lines

## The benefits of introducing ARAID Backup System

1. Transfer the data in the IDE hard disk to SATA hard disk and no need to alter the interface of equipment host.
2. Avoid the risks of not being able to purchase IDE hard disks and the high damage rate of second-hand IDE hard disks.
3. Able to use as the backup of two hard disks in real time.
4. If one hard disk has malfunctioned, machines continue to operate, and hot swapping in uptime is possible.
5. Able to display messages on LCD and issue a warning through the buzzer in order to determine immediately.