SDStatus monitors the status of specified SDIO servers, identifies when devices are nonresponsive or potentially malfunctioning, and provides alerts via email as defined by the user. SDStatus is installed as a standalone service with SuperDATA.

- **Monitors selected servers for downtime**
- **Provides programmable email alerts when defined events take place**
  - Emails can be limited to certain times of the week
  - Emails can be set up to be sent after an alarm has been on for a certain amount of time
- **Monitors for alarm conditions**
- **Can monitor multiple servers and devices, all defined by the user**

### Alarm Types

- **A Bit Alarm** starts when a selected bit is on or off (as defined by the user).
- **A Slot Alarm** takes place when the value of a selected slot within a channel is greater than, less than, or equal to a value defined by the user.
- **A Watchdog Alarm** is set to start when a selected slot’s value does not change within a certain amount of time.
- **An “Unable to Contact Server” Alarm** is activated when SDStatus is unable to find the data for a server.
- **A Bad Channel Alarm** results when SDIO is functioning properly but is unable to communicate with the instruments set up.