AiCU

AOPEN intelligent control unit

Control devices remotely with the newest feature: AiCU! Managing hardware from a distance provides benefits for company and overall maintenance. Save time, effort and money.

Online device management
Watch and control closely how devices are performing in the online AiCU portal. The dashboard provides details about added devices such as
- Device analytics (status/details/etc.)
- Updates for device and applications
- New application installment
- Real-time screenshots

Besides insights, AiCU facilitates several options in maintaining devices. Assuring the ability to control hardware from a distance. Succeeding in the following unique features:

Super RTC - Real-time clock
Plan devices on/off time. Schedule (per day) when devices turn on and off. Saving power and extending the durability of the devices.

HDMI Cable detection
Prevent sending a technician for just a loose cable with this feature! Check on the online portal whether an HDMI cable is connected or not for quick problem solving.

EDID emulator
For the most reliable displaying on various screens, an EDID emulator is essential! Establishing uninterrupted handling of content between screens and device. On supported models, the AOPEN AiCU module controls the hardware EDID emulator.

OS recovery
If a device experiences constant crashes, AiCU enables the devices ability to be recovered to a running OS. Resetting the device to original software is optional.
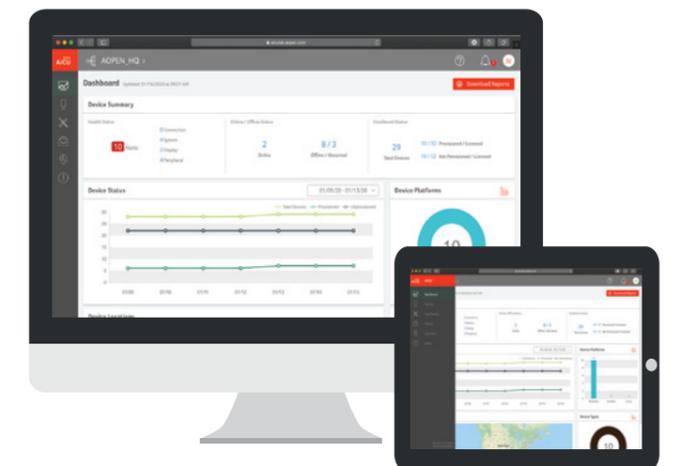
System power control
Being able to control the power of a device enables the possibility of a graceful shutdown, forced shutdown or a system reboot in case of an occurring error.

Out-Of-Band Control
Coming soon on selected models!
Always be able to reach devices! The out-of-band connection (dedicated LAN port for AiCU) provides access to the system even when a device is not running properly. Controlling the power on/off, and OS recovery, without the OS running.

Hardware WatchDog timer
This feature is an automatic reset in case of a frozen device. The timer counts to zero and triggers and automatic reset on hardware level, to get the device operating again.