SATCHWELL IAC SATCHNET DRIVER FOR TRIDIUM NIAGARA

Satchwell Intelligent Advanced Controllers (IAC) are quite interesting devices: they could be used as configurable (for VAV, terminal units, zone control) and programmable for custom applications using graphical tool "Bubbleland". While being a legacy product, they still successfully operate in many building around the world.

IAC controllers could be used as standalone or as a part of a larger building management system. They use SatchNet Protocol – also known as SNP – on RS-485 interface. There could be up to 32 devices connected to a single line.

Our Satchwell IAC Satchnet driver for Niagara connects to SNP line through built-in RS-485 port without any extra hardware. It automatically discovers Satchwell IAC controllers and their points and properties, reads point values and writes into them if it is allowed. The driver works on any Tridium Niagara-powered device, including including Vykon Jace, Honeywell Hawk, Trend TONN, JCI FX.

Using this driver system integrators could replace outdated front-end with state-of-the-art HTML5 and mobile-friendly graphics. It could be done very quickly and cost-efficiently.

Key features

- Supports Satchnet protocol (SNP) available in all IAC controllers
- Communicates via RS-485 port
- Enables point read and write
- Overrides outputs for maintenance
- Supports automatic device discovery
- Supports automatic point and property discovery
- Maps Satchwell units into Niagara units
- Synchronizes time in all devices
- Ideal for retrofit application

Supported devices

MMC 3601 MMC 4601 IAC 200 IAC 400 IAC 420 IAC 600