

# Saflok Quantum Series

## Crestron and Saflok Integration

Crestron integration with Saflok's Quantum Series door locks is a simple solution that allows for reporting the status and lock messages from the Saflok device back to a Crestron control system. This integration method allows for the Crestron infiNET EX® gateway and control processor to monitor the Saflok lock events based on entry, and can also be used as the gateway of communications to the Saflok server.

### The Requirments

#### 1 Saflok Quantum Door Lock

The Saflok Quantum lock must be running MT2 version 3.40 firmware to communicate with the Crestron infiNET EX® gateway.

#### 2 Crestron infiNET EX® Gateway

The Crestron infiNET EX® gateway communicates directly to the Saflok Quantum for easy integration. This allows for the door lock to pass status messages to the control system.

#### 3 Crestron Control Processor

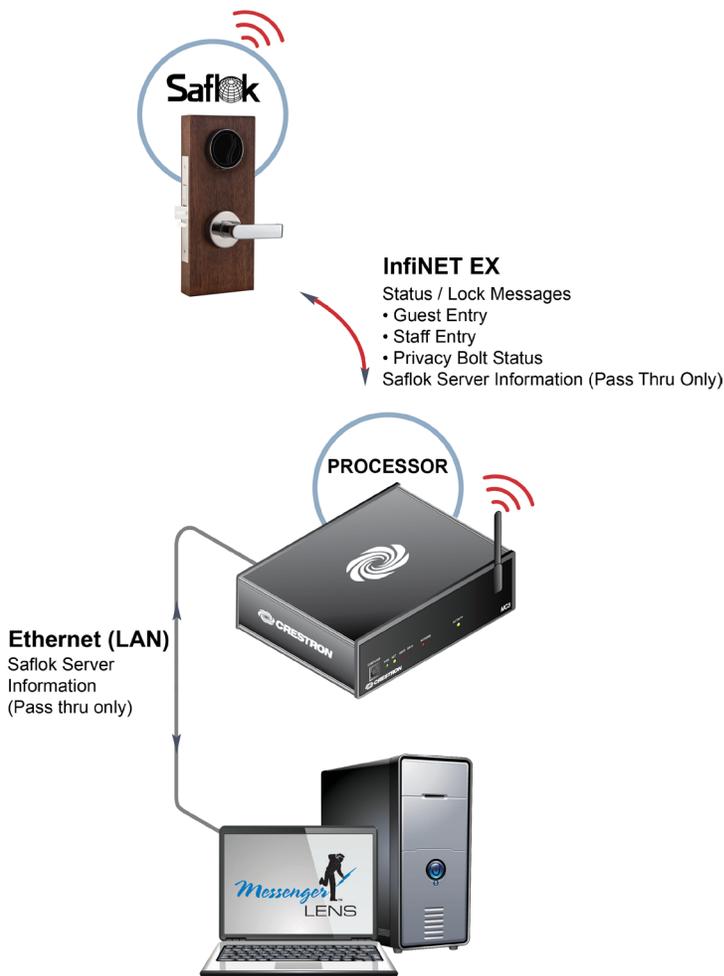
The Crestron ethernet control processor is used to bridge the communications between the Saflok Quantum Lock and Saflok (VHE) Server. Use a MC3 3-Series controller for an integrated infiNET EX® gateway solution!

#### 4 Saflok Virtual Hub Emulator (VHE) Server

The Saflok Virtual Hub Emulator (VHE) server acts as a bridge between the Saflok 6000 LENS server and the Crestron processor being used.

## Functionality

This functionality is intended to trigger commands on the control system based on events reported back from the lock (entry, privacy bolt status).



### Versions Used for Testing

Crestron MC3:  
Firmware: v1.003.0008

Saflok Quantum Lock:  
Firmware: MT2 Version 3.40

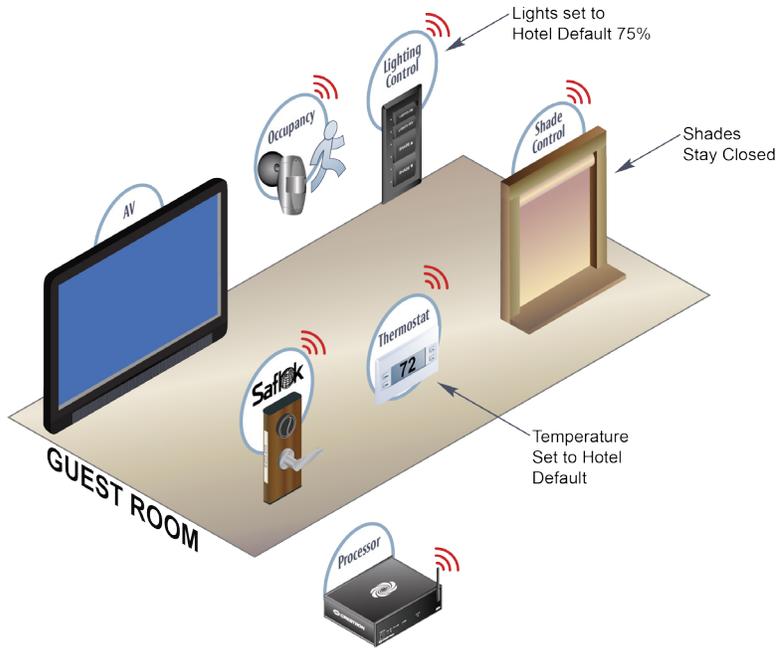
Saflok Virtual Hub Emulator:  
Package: v1.1.0.0

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## Typical Applications

When the Saflok door lock is triggered by a card key for access, it sends back the entry information to the control system. The control system can then trigger effects for the AV, Lighting, Shades, and other integrated systems based on the entry type. Below are two examples; the first is for a guest entry and the second is for a service or housekeeping entry.

### Guest Entry

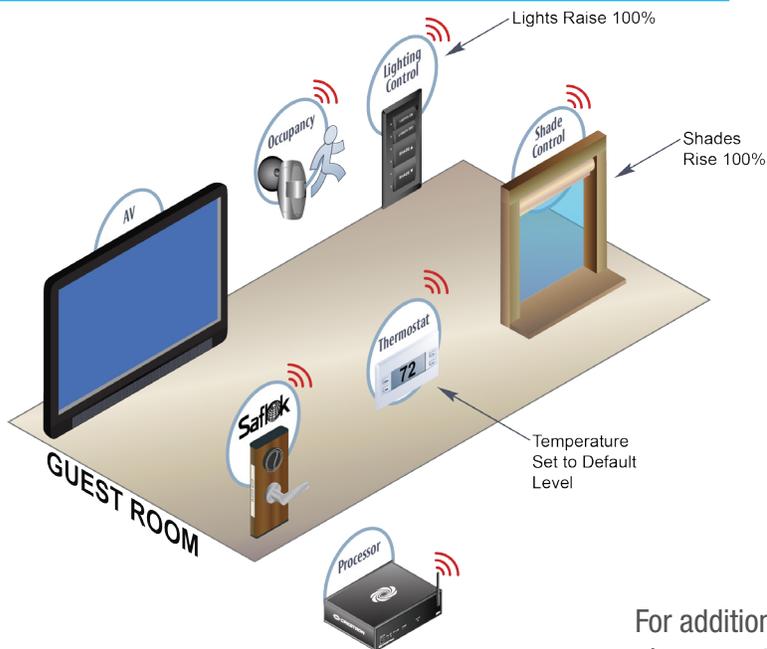


When a guest enters the room the shades in the room will stay closed, the lights will turn on to 75%, and the thermostat will default to the “guest preset” temperature.

This solution paired with Crestron’s Fusion RV platform allows for total facility-wide integration.

Fusion RV can be tied into Lighting, HVAC, Audio Visual, and even PMS systems (Micros, etc). For more information please contact Sales Support Services at 1-888-CRESTRON.

### Service Entry



When housekeeping or a service entry is detected the shades in the room will open, the lights will turn on to 100%, and the thermostat to default to the “service preset” temperature.

For additional information and programming modules for this application please contact Sales Support Services at 1-888-CRESTRON.