BEST INTEGRATION USING CRESTRON PARTNERS

"Access Granted" with ekey and Crestron Technology

ekey biometric systems, Europe's number one provider of fingerprint access solutions, approached Apostolos Mavrothalassitis, System Designer and Developer for IT & AV Development Ltd., to create a new driver that would turn Crestron into a network capable fingerprint access control system and provide homeowners with an innovative way of entering and securing their home.

HOME TECHNOLOGY AWARDS 18/19
AWARDS CATEGORY:
Best Integration Using
Crestron Partners
COMPANY NAME:
IT & AV Development Ltd.
and ekey biometric systems
NAME OF PROJECT:
eKey / Crestron Integration
REGION OF PROJECT:
Tampa Florida

THE CHALLENGE
Integrate an ekey fingerprint door entry solution with an existing Crestron smart home system, without having to add additional ekey components.
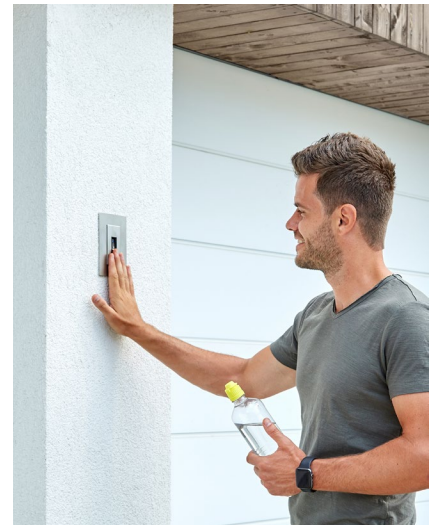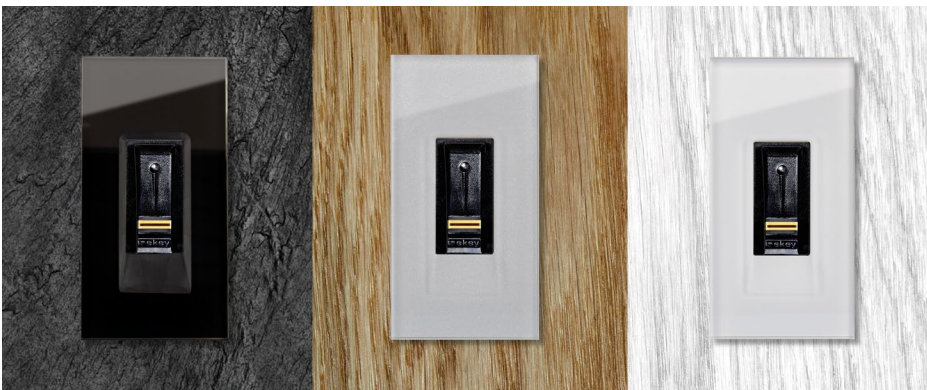
THE SOLUTION
Create a new software driver that enables easy integration of ekey fingerprint scanners with Crestron control systems, providing the homeowner with convenient one-touch door entry and management of their alarm system.

CRESTRON

TECHNOLOGY

The integrated solution features a Crestron control system connected directly to one or more ekey finger scanners via a RS485 communication port. System information is synchronized automatically across all connected scanners without any user intervention. The system alerts the homeowner through pop-ups when anyone enters the home, and maintains an entry log for additional security. It can function not only as a one-time setup for the client, but also for other everyday uses such as authorizing a cleaning service visit or a friend stopping by to water plants while the homeowner is away.

RESULTS

With the help of AV & IT Development Ltd., ekey now works seamlessly within a Crestron ecosystem. The innovative solution can be used as a standalone system or integrated into a larger Crestron project. It enables system integrators, with no additional skills required, to provide clients with a new level of convenience, confidence, and flexibility in home access and security. They can easily authorize access, create access schedules, and customize functions for each person in the home.