

RF WIRELESS LOCKSETS **WHAT CAN SALLIS DO FOR YOU?**

Capabilities

- Cost effective, a single node can wirelessly communicate with multiple locks.
- Customizable behavior in the event of network failure.
- When the lock is offline, the lock will grant access to the user according to their last user event within the lock.
- Based on white list system up to 20 master keys (subject to time patterns) can be stored in the lock memory.
- With a proper set up, no door will be left without control and 600 audit trail events are stored on the lock, regardless of the state of communication with the host.
- Wireless communication AES128 encrypted.
- Wireless communication at 2.4GHz based on IEEE 802.15.4.
- Online audit trail access.
- Online battery status control.
- Live door monitoring.
- 20 emergency codes subject to time patterns.

How It Works

The SALTO SALLIS wireless platform seamlessly integrates with AmanoNet to provide complete door control within one software platform. Access groups, time patterns and door modes are all controlled through a single user interface.



Components

SALLIS routers:

Link between the host and the rest of the platform to enable communication with the wireless system.

SALLIS nodes:

The wireless messenger between the SALTO router and the wireless locks.

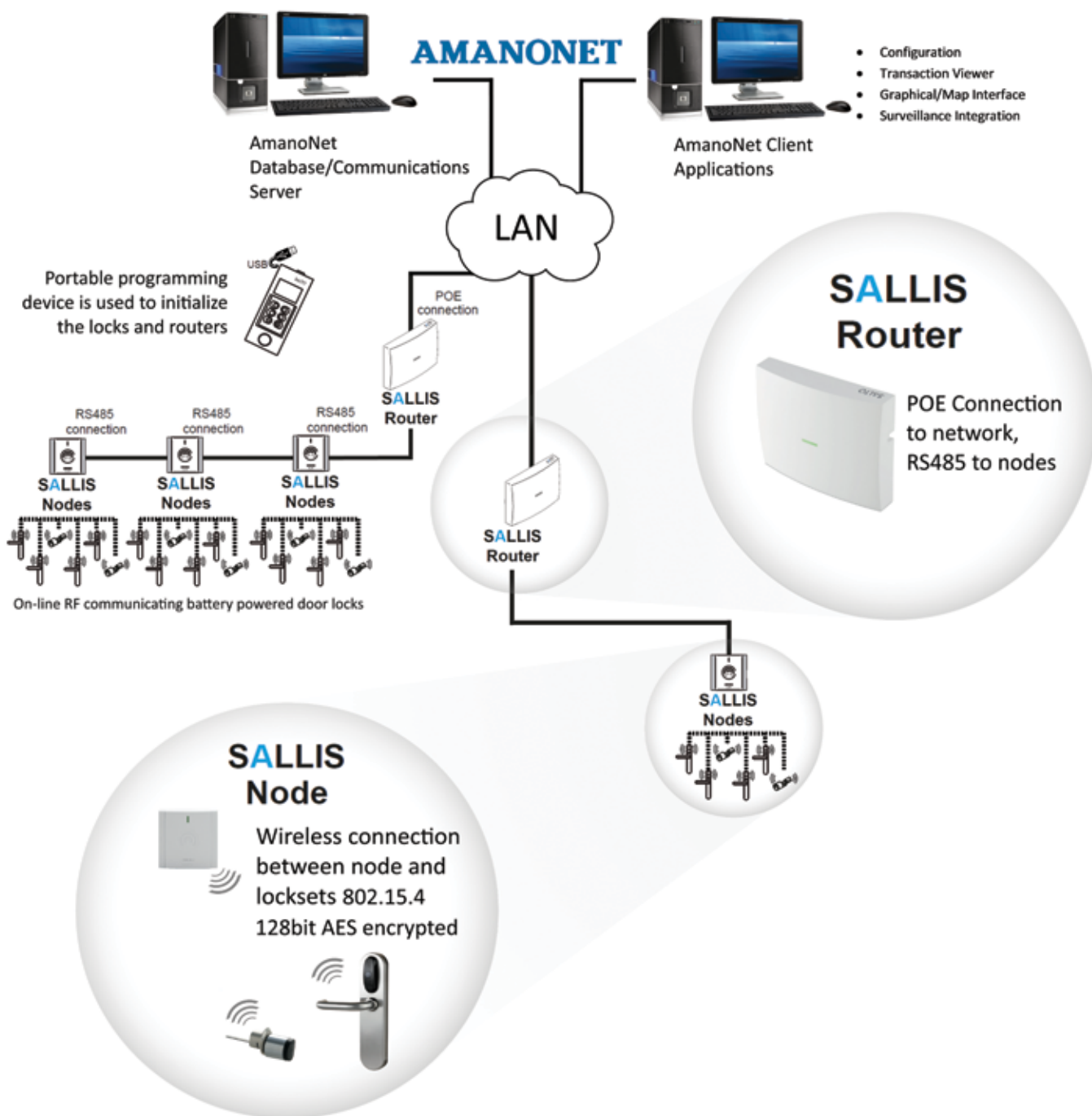
Wireless locking devices:

These are the core of the locking system itself. They enable the control of doors without the need for complex wiring installations.



System Architecture

When a user presents a credential to the SALLTO SALLIS lock, the lock will send the relevant information cached from the users credential to the SALLTO wireless nodes. The information sent from the nodes is routed to the AmanoNet communications engine through the SALLTO router. AmanoNet will make an access decision based on the users access rights stored within the database. The result is sent back to the SALLIS locks through the SALLTO SALLIS infrastructure and the user will either be granted or denied access by the locks accordingly.



Integration

Access Control



SALLIS

by SALTO

SPECIFICATIONS

LOCK FEATURES

Communication	Wireless radio frequency based on IEEE 802.15.4 at 2.4GHz
Encryption	AES 128 bit encryption
Supported formats	Mifare, Mifare plus, DESfire, DESfire EV1, inside Picopass, Legic, HID iClass, HID Prox 125 kHz
Power	Battery powered (3 standard AAA batteries, 3 Standard AA batteries or CR2 batteries depending on device)
Audit	600 event audit trail back up
Compatibility	Door thickness compatibility: 1-3/16" to 4-9/16" Square spindles available in: 5/16" and 9/32"
Rating	IP66 (depending on the model)
Compliance	• EN1634-1 EL160 Fire Resistant • UL 10C Compliant (90 min wooden doors)

ROUTER FEATURES

Communication	Wireless radio frequency based on IEEE 802.15.4 at 2.4 GHz Connection to the HOST through RS485 or IP
Encryption	AES 128 bit encryption
Power	Voltage adaptor 12V also included Can manage up to 16 locks (RS485) or 64 (IP) regardless of the number of nodes Relation of router to node is one to several

NODE FEATURES

Communication	Wireless radio frequency based on IEEE 802.15.4 at 2.4 GHz Connection to the router through RS485 RF Nodes will communicate with locks at up to a 30ft radius or 60 ft line of sight Up to 16 Nodes per Router including optional built-in Node
Encryption	AES 128 bit encryption
Power	Powered from router
Control	Can manage up to 16 locks

AmanoNet

For more information on Amano McGann's AmanoNet Access Control, to see demonstrations, or to discuss your company's needs contact the Amano McGann Security Division at 800.390.5837.