

ADMINISTRATION

Flexlock Wireless



Flexlock Wireless offers wireless connection to the locks, with central administration in the cloud. Changes are made without having to be physically present at the locks. Wireless is a system for those with changing storage needs who want to be able to manage many locks and users quickly and flexibly in a structured way. All types of RFID cards and tags can be used.

Flexlock Wireless is a system that has been optimised to manage many locks and users, as well as frequent changes in lock function. All data is stored in the cloud and can be easily and securely administered via a web browser. Changes are sent automatically to the locks throughout the business or other operation. Flexlock Wireless also provides a history containing information as to who used the lock and when. Battery status is also displayed, making it easy to see when it is time to change battery.

Here is a brief outline of how Flexlock Wireless works:

- Run as a secure cloud service and administered via a web interface.
- Provides easy management and an excellent overview of locks, users and use.
- The system stores battery status and user history for both private and multipurpose locks.
- Easy to modify any of Flexlock's basic functions, e.g. mode, audible signal and LED light.
- The user card is read in securely via our USB card reader.
- The system updates the locks via the Internet and distributed connected Flexlock Link Gateways which manage information to the locks wirelessly.



Flexlock Wireless is a flexible and cost-effective lock system with flexible central administration. Flexlock Wireless is at its very best in large, frequently changing organisations which have storage at multiple locations in a building. This solution is sold as "software as a service" (SAAS) and you sign up to it on the basis of a contract. The contract also includes a service level agreement (SLA) and data processing agreement (DPA).

Flexlock Wireless



Smart Module

To be able to use the Flexlock Wireless administration, your Invisible lock needs to be equipped with a wireless module. The module enables the computer blue-tooth connection between the lock and the cloud for transferring information. The module can be purchased together with the lock or retrofitted later.

- Power from the Lock battery
- Wireless radio 2.4 GHz, BLE technology
- Radio range up to about 10 m
- Bootloaderinterface

Wireless Activation card

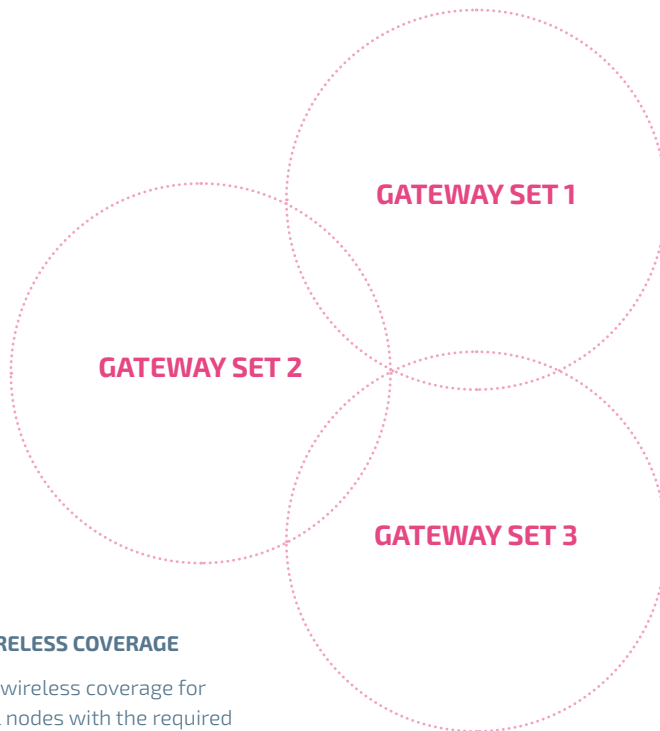
This card is used to activate wireless mode on the lock. When the lock is set to this position, it means that the lock only accept configuration and user changes via the administration solution Wireless and its Gateway. Opening and closing the lock with card still works.

Wireless Gateway

When using the administration Flexlock Wireless this gateway is needed to transfer information between the Admin Cloud and the locks.

The gateway needs to be connected to a wired internet connection with or without Power over ethernet. If Power over ethernet is missing, an external power supply with micro-USB is required (not included). For a discreet installation, the gateway can be mounted above a ceiling (not metal / mesh or similar).

- Wireless radio 2.4 GHz, BLE technology
- RJ 45 wired connection to LAN/Internet
- Power by PoE+ (Power on Ethernet) or Micro USB 5V 2A
- Require 8883 port open to internet
- Require dual gateways for redundancy
- Up to max 200 locks/up to max radius 10 m free air cro USB 5V 2A



NETWORK / WIRELESS COVERAGE

To get complete wireless coverage for all locks, several nodes with the required number of gateways are needed. Individual analysis is required for each unique installation.

Overview

WEB RESOURCES

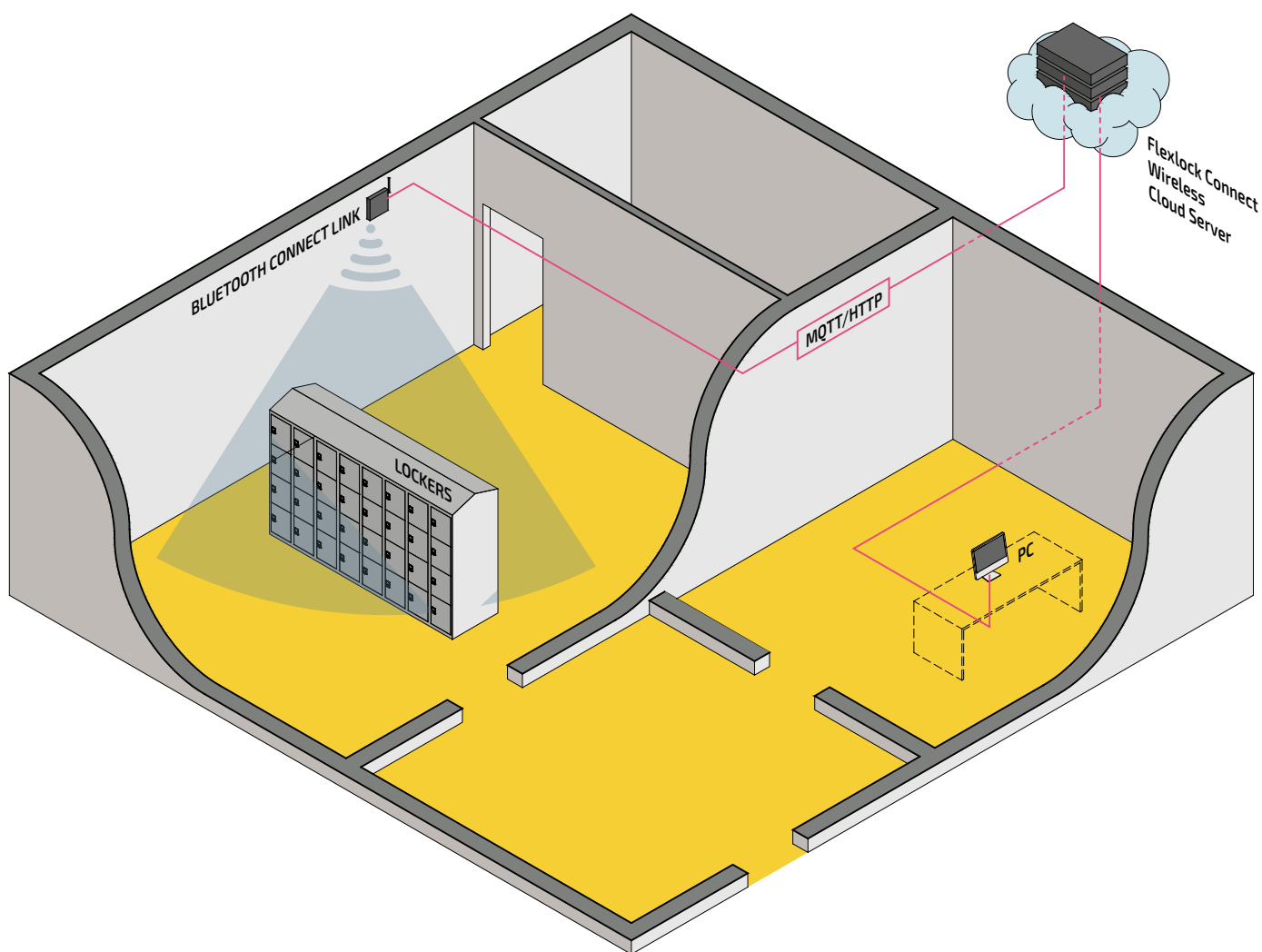
1 x hourly backed up Amazon RDS database instance 3 x servers, distributed in different zones to ensure a fully redundant platform

ON SITE RESOURCES

- Wireless Connect Link
- Head end (available at connectwireless.flexlock.se)

CONNECT WIRELESS API

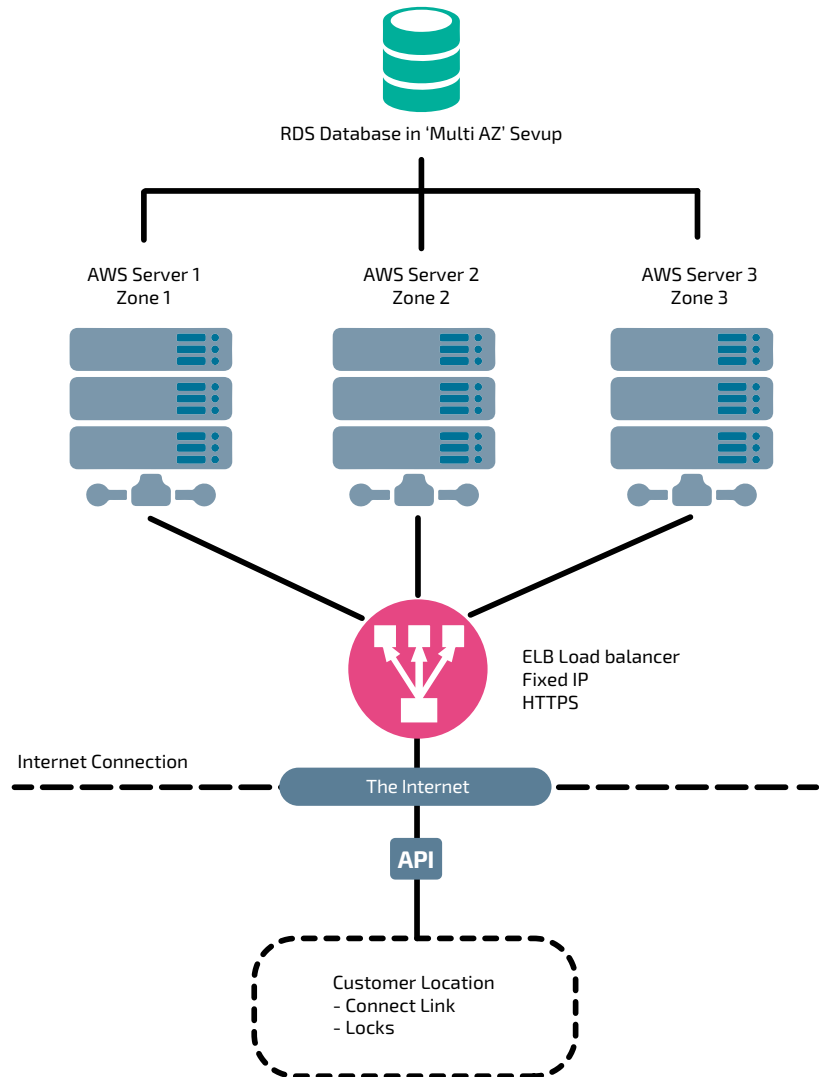
The Wireless API runs all internal communications between our various servers and applications, the API also offers a large amount of customisable restful API's which allow for integrations from 3rd parties upon special requests.



Wireless Cloud

Flexlock Wireless cloud is a multi zone/ high redundancy server which interfaces through the Wireless API's to the Wireless proprietary setup of Connect Link and external interfaces such as Active Directory and other HR management systems.

The Wireless Cloud system is backed by the SLA which give 24/7 365 access to all online resources and full support if there were an error. The Wireless SLA is available on request.



FLEXLOCK WIRELESS

Technical specifications

FUNKTIONER

- Admin up to 10 000 users
- Manage locks in Mode 1-5
- Sound ON/OFF
- LED on/off
- Up to max 200 users/lock
- Possibility for unique facility manager users, unique event tracking
- History tracking per lock, reported to cloud
- Battery status, reported to cloud regularly
- Admin with any web browser from PC, Mac, Tablet or smart phone
- Connect Wireless support our unique service card
- Activation by Connect Wireless function card
- GDPR compliant