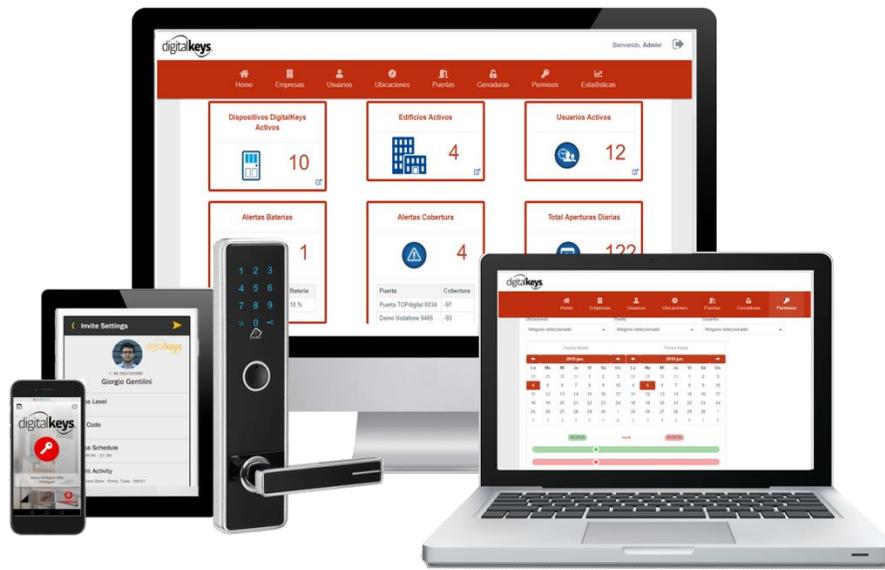




# Digitalkeys

## NB IoT SMART ACCESS CONTROL SYSTEM

### TECHNICAL DOCUMENTATION DATA SHEET



#### General

Digital Keys NB IoT Smart Access system offers advanced security and convenient access management for a wide variety of environments. Cloud Software as a Service (SaaS) Digital Keys Management Platform enables advanced multisite programming, administration and management of NB IoT smart locks and digital keys. Digital Keys on smartphone apps can be used to unlock NB IoT smart locks.

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#### Digital Keys Management Software

The cloud based Digital Keys Management Software includes:

- Convenient management of multiple NB IoT Smart Locks
  - User Access rights definition, restriction and change
  - Time restrictions
  - Canceling digital keys
  - Live Audit trail reports
  - Remote unlocking
  - Multisite management and mapping showing lock locations
  - Automatic backups and updates
  - User Friendly Graphical User interface
  - Battery Status notifications
  - Traceability logs
  - Live NB IoT Signal Strength readings
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## NB IoT Smart locks

All NB IoT smart locks feature;

- European EN15684 standard; FCC CE ISO 9001 Certified; NB IoT Certification
  - Anti-pick shield protects against lock tampering
  - No external wiring, easy installation, no onsite infrastructure required
  - Environment temperatures: -25 to 60°C
  - Working humidity: 15 to 95%RH
  - Materials: zinc-alloy
  - Finish: silver/golden
  - Door thickness: 35-55mm
  - Batteries; 4AA Alkaline - battery life 1 ½-2 years
  - Opening methods include:
    - NB IoT remote unlock with smartphone
    - NB IoT remote unlock with Digital Keys Management software
    - NFC unlock (NFC phones and NFC tokens and NFC keycards)
    - PIN unlocking (time-sensitive)
    - Metal Key override
  - Inductive NFC distance: 0 to 5cm
  - Secured with 3GPP & ETSI Global Security Standards; 2048 Bit RSA encryption; Internet Protocol security and Virtual Private Network security; Military grade AES256 encryption.
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## Technical Data

Client System Requirement; Cloud based software via modern Internet Browser and PC/device

Client log in verification; username and password

Client server communications; http 2-way authentication

Amount of keys per locking system: Unlimited

Amount of locks per locking system: Unlimited

Amount of key owners per locking system: Unlimited

Amount of installed clients per locking system: Unlimited

Amount of administrators per locking system: Unlimited (Client nominates number of username/password accounts.

Lock audit trail capacity: Live Audit with notifications, and unlimited events stored