Proxess
Lox IQ
Simple Access Control

CYLINDRICAL

MORTISE

STOREFRONT

PANIC
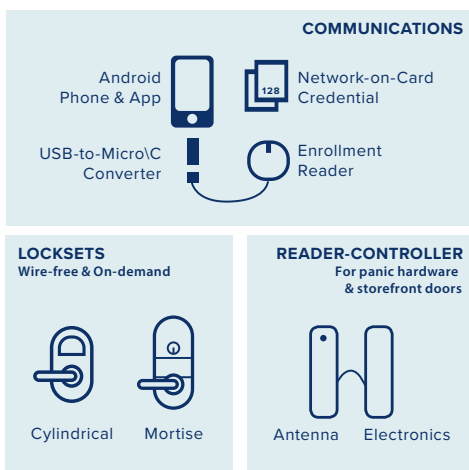
LoxIQ™ is a unique access control system software, **all on your phone.**

LoxIQ is a revolutionary phone-based software product delivered on Proxess' wireless locking hardware platform. First and foremost, it is simple. Whether the user is a beginner with no background in access control or an industry veteran, LoxIQ is designed to be understood and used by everyone with little training required. It is designed for those who need just the basics of door entry control. Customers can later choose to migrate to Proxess' robust server-based software (ProxessIQ).

Unlike other systems, users may add remote administrator phones. Dealers can manage multiple clients from their one mobile phone and multiple-site customers can manage their entire portfolio, segregating operators by their administration of one or more properties. The app can also become a credential programmer by connecting a Proxess enrollment reader, creating and delivering cards anywhere at a moment's notice.

LoxIQ is available to meet all standard wireless lock applications (cylindrical, mortise, storefront, panic, gates, etc.). All the components of a typical access control system are combined into one easy-to-install unit (lock, reader, request-to-exit, and door position sensors). The cylindrical is ANSI Grade 1 and can be installed in a standard door prep within minutes using a screwdriver. Imagine the time and labor costs saved when compared to traditional EAC door installations.

COMMUNICATIONS

Android Phone & App

Network-on-Card Credential
128

USB-to-Micro\C Converter

Enrollment Reader

LOCKSETS
Wire-free & On-demand

Cylindrical   Mortise

READER-CONTROLLER
For panic hardware & storefront doors

Antenna   Electronics

FEATURES & BENEFITS

Unlimited users and doors; 5000 events; rotating audit trail.

Bluetooth technology on-board allows lock networking, mobile credentials and emergency lockdown upgrades.

Unlike mechanical locks, Administrators can decide WHO may enter doors, WHEN users are authorized to enter doors (time schedule), and receive an audit trail of these events.

Cylindrical: Installs in minutes without additional holes or door prep.

Mortise: One 5/8" hole.

ANSI Grade 1; UL, Indoor/Outdoor, BLE Wireless

Simple, field-reversible lever handing in seconds.

Emergency mechanical key over-ride includes pick resistant removable core and patent pending process which monitors emergency mechanical key operation.

4 Levels of Connectivity allows customers to migrate from communicating at the door, through smart card linkage, BLE wireless bridges, or online.

Utilizes Mifare DESFire EV2, the latest and most secure RFID contactless smart credential technology. Proxess further protects credential communication by utilizing a custom on-board app with 128bit AES encryption and custom electronic keying.

Mobile Phone App updates lock without cumbersome device programming. Administrator can forward programming capability to other mobile phone apps on another side of campus or around the world.

Downloadable software app on phone programs locks. Upgradeable to robust server-based software without changes to the lock.

SCALABILITY

LoxIQ™ is meant to get even beginners operating quickly. As system requirements become more demanding, users can switch to Proxess' unlimited server-based software.

SIMPLE & INTUITIVE

Nothing is easier and more intuitive than phone-based systems and LoxIQ™ delivers on these expectations. Online software and hardware manuals keep answers at your fingertips and our training and support teams assure your success.

FLEXIBLE MANAGEMENT

• Easily add multiple administrator and client management phones.

• Easily add multiple customer accounts.

• Easily add multiple customer sites.

REDUNDANCY

Each administrator phone app retains the system database so the database can always be active on multiple devices without a complex restoration process.

HARDWARE SPECIFICATIONS

Certifications:	ANSI 156.2 and ANSI 156.25 Grade 1; UL10C Fire-Rated; FCC; RoHS, UL294, ULC Canada
Connectivity:	• Bluetooth Communication Up to 100 Feet • RF and Network-on-Card RF • Mobile Programming Device Up to 100 Feet
Users:	Unlimited (limited only by the practicality of using a phone app vs *ProxessIQ™* system software)
Audits:	5000, Rotating / First-in-First-out (FIFO)
Time Schedules:	Three – Always, Never, and One Custom Programmable Time Schedule. (Upgradeable to 64+ Time Schedules using *ProxessIQ* system software)
Latch Backset:	Cylindrical: Standard 2 3/4"; Option: 2 3/8" Mortise: Standard 2 3/4"
Door Thickness:	1 3/8" to 2"
Strike:	Cylindrical: Standard ANSI 4 7/8" x 1 3/8" Lipped; Optional: T-Strike 2 3/4" x 1 1/8" Mortise: Standard ANSI 4 7/8" x 1 3/8" Lipped
Escutcheon Dimensions:	Outside: 5.5" X 3.62" X 1.33" (140mm x 92mm X 33.7mm) Inside: 7.56" x 3.5" x 1.33" (192mm x 88.9mm x 33.7mm)
Operating Temperature:	ANSI Standard -31° to 151° F (-35° to 66° C)
Functions:	**Electronic Programmable Functions** Storeroom, Entrance, Classroom, Emergency (Intruder) Classroom; Apartment, Dormitory/Privacy, (Temporary) Construction, others upon request.
Emergency Mechanical Keying:	Standard 6-pin, Special Pick-Resistant, Interchangeable Core, Custom Keying with Monitored Emergency Key Override
Lock Reader:	RFID 13.56 MHz, ISO 14443A, BLE
Visual and Audio Communications:	LED (Tri-Color) Indicator Light and Audio Indicator
Credentials:	Multi-Application, Mifare DESFire EV2®; BLE Mobile Credentials
Credential Security:	DESFire EV2; 128-bit AES Encryption
Indoor/Outdoor:	ANSI Indoor/Outdoor Certified 156.2 Indoor/Outdoor, Normal Operating Humidity: 0 – 100%, Non-Condensation; Optional Outdoor UL IP 65 Equivalent
Warranty:	10-Year Mechanical Warranty; 2-Year Limited Electronic Warranty

HOW TO ORDER HARDWARE

Proxess LoxIQ

1 SERIES	**2** FUNCTION	**3** LEVER STYLE	**4** STRIKE	**5** BACKSET
CX	ST	8	S2	B1

1 SERIES	**2** FUNCTION	**3** LEVER STYLE	**4** STRIKE	**5** BACKSET
CX Cylindrical Grade 1	**ST** Standard	**8** Curved return **6** Angled return	**S2** ANSI 4 7/8" strike **S1** T-strike 2 3/4"	**B1** 2 3/4" **B2** 2 3/8"
MX Mortise Lock	**STB** Standard bolt function (programmable) **STL** Standard latch function		**Mortise** Standard ANSI 4 7/8" x 1 3/8" Lipped	
PX Mini Controller (Reader/controller) for storefront and panic device applications	**STD** Standard **REX** Request to exit			

6 FINISH			**7** KEYING		**8** MISCELLANEOUS / CUSTOM
626			KA		
626 Satin chrome	**606** Satin brass	**690** Dark bronze (613 equiv.)	**KA** Keyed alike **KI** Keyed individually	**LC** Less core **CK** Custom keying	Specify 'W' when both exterior and interior trim are exposed to outside environments
Other finishes upon request					